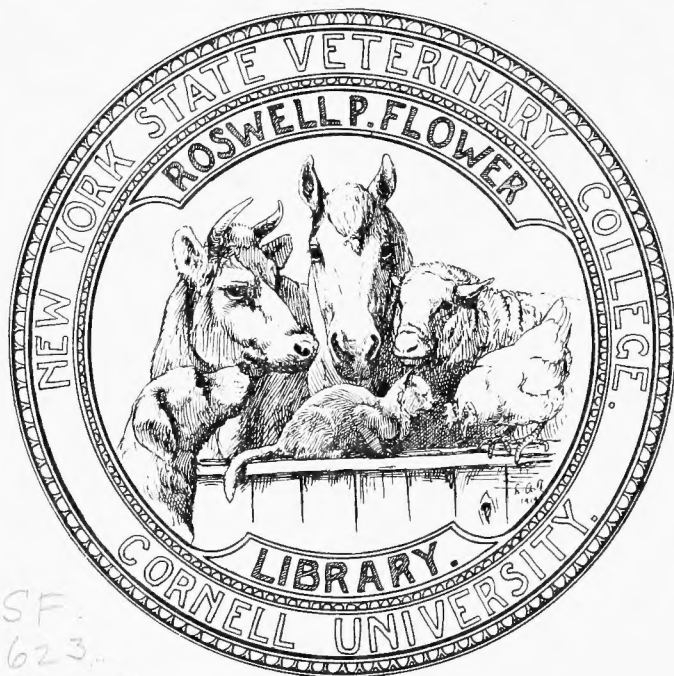


BUREAU OF ANIMAL INDUSTRY.

1884-1900.

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CENTURY SOUVENIR BOOK.



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THE  
UNITED STATES  
BUREAU OF ANIMAL INDUSTRY,

At the Close of the Nineteenth Century.

1884—1900.

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BY  
D. E. SALMON, D. V. M.,  
Chief of the Bureau.

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[SOUVENIR VOLUME.]

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To Honorable James Wilson, whose earnest and energetic efforts as Member of Congress largely contributed to the success of the act establishing the Bureau of Animal Industry, and whose counsel and encouragement as Secretary of Agriculture have been most important factors in bringing the Bureau to its present condition of development and usefulness, this book is respectfully dedicated.





WILLIAM McKINLEY,  
President of the United States.

FROM PHOTOGRAPH BY COURTNEY, CANTON, OHIO.

## PREFACE.

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It has been very gratifying to be able to prepare, in the last days of the Nineteenth Century, an appropriate souvenir of the Bureau of Animal Industry as it exists at this time. There have been many important duties committed to this Bureau, some were educational, some consisted in the protection of property, others in the preservation of our export trade, and still others in alleviating animal suffering and in guarding the public health. To the development and guidance of this Bureau during its earlier and more critical period, the Author has given the best years of his life. From its establishment he has given the questions which have arisen in connection with this service his constant study. The utility of the service and its conservative direction are made evident by the growth and popularity of the Bureau from its organization to the present time.

There are comparatively few persons who know of the great work which this Bureau has accomplished in scientific research, in the eradication of animal diseases, in guarding against the importation of exotic plagues, in preserving our export trade in animals and animal products, in opening new markets for these products in foreign lands, and, above all, in protecting the health of our people by the condemnation and destruction of diseased meat. This work is so widely distributed and is carried on so quietly without ostentation or display that it has not attracted the public notice which its importance deserves. Nor have the members of the staff who have been cooperating for years had an opportunity to form a general acquaintance with each other. It has, therefore, appeared extremely desirable to collect and bring together, in one volume, a brief account of this work, and such portraits and biographical notes of those engaged in this service at the end of the century as could be obtained.

No individual, by his unaided efforts, could have achieved success in the preparation of this volume. The undertaking has been much more extensive and exacting than was anticipated; and it has been only through the generous and cordial cooperation of those engaged in the Bureau service that it is possible to present the completed book within a reasonable time from the inception of the plan. To all who have aided in any manner to make this volume worthy of the Bureau and its great work, the Author extends the assurance of his sincere appreciation.

D. E. SALMON.

WASHINGTON, D. C.,

December 31, 1900.



JAMES WILSON,  
Secretary of Agriculture.

## THE BUREAU OF ANIMAL INDUSTRY.

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The Bureau of Animal Industry was established by an act of Congress approved May 29, 1884. This act provided for a chief, a clerk, and "a force sufficient for this purpose, not to exceed twenty persons at any one time."

### WHY THE BUREAU OF ANIMAL INDUSTRY WAS ESTABLISHED.

The immediate cause of the establishment of this Bureau was the urgent need by the Federal Government of reliable official information concerning the nature and prevalence of animal diseases and of the means required to control and to eradicate them, and, also, the necessity of having an executive agency to put into effect the measures necessary to stop the spread of disease and to protect the animal industry of the nation.

Our exported cattle and sheep had recently been refused admission into Great Britain and condemned to slaughter upon the docks where landed because of alleged contagious diseases in this country dangerous to foreign live stock. Our pork had been prohibited entrance into most of the countries of continental Europe because it was alleged to be affected with trichinæ, and, therefore, dangerous to the health and lives of the consumers. Twenty-five to thirty million dollars worth of hogs were dying each year from contagious disease. Cattle raisers were in a condition bordering upon panic from fear of Texas fever and contagious pleuro-pneumonia, and State restrictions intended to guard against these diseases were seriously interfering with interstate traffic in bovine animals. Sheep raising had become precarious in many sections because of scab and other parasitic diseases.

These injurious conditions were so burdensome, and aroused such apprehensions of far greater losses in the future, that there was an agitation and repeated demands for governmental assistance which culminated in 1884 in the enactment of the organic act of this Bureau.

The losses from diseases among animals had long been great, and the second Commissioner of Agriculture had occasion to call attention, in his second and third annual reports, to "the prevalence of fatal maladies among all varieties of farm animals, resulting in the annual loss of not less than fifty million dollars." In 1870, Commissioner Capron renewed the subject, referring particularly to a forthcoming report upon pleuro-pneumonia and Texas fever, diseases then prevalent and recently investigated under the supervision of the Department. He says in his annual report:

"The value of stock lost annually from disease is enormous, and

threatens not only to decimate our animals, but to expose the human family to disease from the consumption of unwholesome meats."

Here was an early recognition not only of the importance of understanding and controlling animal diseases, but of the still greater necessity of protecting the consumer of meats from products contaminated by disease and therefore unwholesome. In other words, it was a recognition of the growing need of meat inspection.

#### THE ERADICATION OF PLEURO-PNEUMONIA.

The most pressing duty devolving upon the new Bureau was the control and eradication of the contagious pleuro-pneumonia of cattle, a disease which had been already the cause of restrictions upon our exported cattle, and which, it appeared, might soon lead to the entire prohibition of this branch of the export trade. Notwithstanding the urgent demand for effective work, the authority given at first was most inadequate. It was not until 1887 that the Bureau was allowed to employ a sufficient force and to use its appropriation properly for stamping out the disease. By this time, the contagion, which had been found prior to 1884 in only a few States on the Atlantic seaboard, had spread to Ohio, Illinois, Kentucky, and Missouri, and threatened to cover such a large area as to be uncontrollable.

By hard and systematic work, however, persisted in for five years, pleuro-pneumonia was completely eradicated, and since early in 1892 no case of this disease has been discovered in the United States. This first work in which the Bureau was engaged was remarkable in its results, because it succeeded in a very few years in accomplishing what other countries, such as Great Britain, France, Germany, and Belgium, had labored for years to do, without success.

During the period which elapsed between the creation of the Bureau in 1884 and the complete eradication of pleuro-pneumonia in 1892, the scientific work of the Bureau had been pressed forward vigorously. The germs of hog cholera and swine plague were discovered and carefully studied, and Texas fever, the most mysterious of diseases at the time its investigation was commenced, was thoroughly elucidated by the discovery of the cause and the method of dissemination by means of the cattle tick.

#### SCIENTIFIC INVESTIGATIONS.

In the study of the hog cholera bacillus, it was shown that this germ produces some substance, in the liquids in which it is grown, which is capable of conferring immunity upon animals when injected beneath the skin. The establishment of this new principle gave an impetus to the study of immunity in all parts of the world and led to the discovery of the various toxins and antitoxins which are now so largely used in both human and veterinary medicine.

The demonstration that a contagious disease, such as Texas fever, was caused by one of the protozoa, and that this organism was transferred from animal to animal by a second parasite, the southern cattle tick, opened up another new field in medicine, which has led to the discovery that the malarial parasite and probably the organism of yellow

fever are transmitted from man to man by mosquitoes. While many other discoveries have been made during the investigations carried on by the Bureau, the two just mentioned, because they were so unexpected and differed so widely from accepted theories, have had a greater influence on the progress of medical knowledge than any others.

#### MEAT INSPECTION.

The year 1891 marks the beginning of a second era in the Bureau of Animal Industry, because it was then that Congress enacted legislation establishing the Federal meat inspection service and the inspection and regulation of vessels carrying export cattle from the ports of the United States to foreign countries. The meat inspection act directs the Secretary of Agriculture to inspect, previous to their slaughter, all cattle, sheep, and swine, the carcasses of which are to be disposed of through the interstate or foreign trade, and authorizes him, in his discretion, to make a post-mortem inspection. This enormous undertaking, which was added to the many other duties of the Bureau, was designed to protect our domestic consumers from the meat of diseased animals, and at the same time to enable the Government to certify to the wholesomeness of exported meats. It was specially provided that no beef should be allowed to go abroad unless it had been inspected, and was certified as free from disease.

The magnitude of this work was probably not appreciated by Congress at the time the legislation was enacted, although the desirability of such an inspection is incontestable. Owing to the great extent of our territory and the enormous number of animals slaughtered, it was impossible to at once cover the whole country. It was necessary to instruct inspectors and devise a system of administration with proper safeguards. Beginning at a comparatively few abattoirs, the service has been gradually extended until it is now established in 45 cities and covers the product of 148 abattoirs.

The growth of the meat inspection service is shown by the following table, which gives the number of animals inspected before slaughter from 1891 to 1900, and indicates the enormous number of animals that are annually slaughtered in the United States for the preparation of food products:

*Animals Inspected for Abattoirs Having Inspection, Fiscal Years, 1891-1900.*

Fiscal Year.	Cattle.	Calves.	Sheep.	Hogs.	Horses.	Total.
1891.....	83,891					83,891
1892.....	3,167,009	59,089	583,361			3,809,459
1893.....	3,922,174	92,947	870,512			4,885,633
1894.....	3,862,111	96,331	1,020,764	7,964,850		12,944,056
1895.....	3,752,111	109,941	1,344,031	13,576,917		18,783,000
1896.....	4,050,011	213,575	4,710,190	14,301,963		23,275,739
1897.....	4,289,058	259,930	5,179,643	16,813,181		26,541,812
1898.....	4,552,919	241,092	5,706,092	20,713,863		31,213,966
1899.....	4,654,842	245,859	5,718,464	23,783,576	3,232	34,405,973
1900.....	5,027,998	308,542	6,170,172	23,328,102	5,560	34,840,374

## MICROSCOPIC INSPECTION OF PORK FOR EXPORT.

In 1881 our pork was prohibited entrance into Germany, France, and the principal countries of the continent of Europe, on the ground that it was infested by trichinæ and was injurious to human health.

Although it could not be shown that our pork had caused disease, and notwithstanding the most vigorous protests by the American Government, the trade was crushed and destroyed. The year before the prohibition went into effect we sold to France 70,000,000 pounds and to Germany 43,000,000 pounds.

For ten years our pork was shut out of nearly every market of continental Europe, when, in 1891, the Bureau began the microscopic inspection and certification of pork destined for the markets of the prohibiting countries. This action led to the removal of the prohibitions, but the restoration of the trade was a slow and difficult process. Our brands of meat were no longer familiar to the people of those countries, commercial connections had been severed, and requirements as to cuts and cures had materially changed. It was like introducing an article into a country for the first time. Moreover, the prohibition had engendered suspicion of our products, while the agitation had established prejudice and antipathy. There were vexatious and burdensome restrictions by both the general and municipal governments, with ill-concealed hostility and every form of annoyance on the part of many officials.

Notwithstanding such adverse conditions, the trade with these countries was gradually regained, as is seen from the following table, which gives the quantity of pork, microscopically inspected, that has been sold each year in prohibiting countries since the inspection began:

*Shipments of Pork Microscopically Inspected, Fiscal Years, 1892-1900.*

Fiscal Year.	Pounds.
1892.....	38,152,874
1893.....	20,677,410
1894.....	35,437,937
1895.....	45,094,598
1896.....	22,900,880
1897.....	43,572,355
1898.....	120,271,659
1899.....	108,928,195
1900.....	55,809,626

The difficulties encountered in the inauguration of this system of inspection were very serious. There had been no microscopic inspection on a large scale in America, and we had neither the appliances nor trained inspectors. The microscopes and apparatus used in the German inspection were considered too clumsy and not adapted to accurate and rapid work. An American type of microscope was, therefore, selected,



the grooved stage was adopted to insure the examination of every part of the specimen, and a special form of compressor was used.

The packers were averse to the inspection because they feared it would delay their business and damage their meat. They thought it would be impossible to examine any considerable quantity of pork without causing them serious inconvenience. These fears proved to be groundless. The work of the abattoirs has not been obstructed nor has the meat been injured. On the contrary, the success of the microscopic inspection has been such that, when the market is favorable, there are the most urgent appeals for its extension.

#### INSPECTION, TAGGING, AND CERTIFICATION OF EXPORT ANIMALS.

The fear expressed by foreign governments of the introduction of pleuro-pneumonia, Texas fever, and other contagious diseases with animals from the United States made it necessary to adopt some method by which the history of the cattle exported could be ascertained, and the animals inspected, numbered, and recorded, so that a certificate could be issued showing freedom from contagion or exposure to contagion. Accordingly, a system of inspection was adopted under the act approved August 30, 1890. A numbered tag was placed in the ear of all cattle, and a certificate of health issued for such animals. Sheep were also inspected, and more recently (1899) horses have been included.

The number of animals inspected and exported is seen by the following table :

*Table Showing Number of Export Animals Inspected Each Year.*

Fiscal Year,	Cattle.	Sheep.	Horses.	Total.
1891 .....	203,703	21,814	.....	225,517
1892.....	389,480	.....	.....	389,480
1893.....	289,240	.....	.....	289,240
1894.....	363,535	85,869	.....	449,344
1895.....	324,299	350,808	.....	675,107
1896.....	365,345	422,603	.....	787,948
1897.....	390,554	184,596	.....	575,150
1898.....	400,512	147,907	.....	548,419
1899.....	311,595	98,551	.....	410,146
1900.....	305,182	73,426	37,080	415,688

By these measures the agitation against the landing of American live stock in Great Britain has been met and quieted. The trade has been preserved, and has given a greatly needed outlet for meat-producing animals during the years when the surplus of such stock was greatest. The exportation of horses is comparatively a recently established traffic, and has been growing rapidly. It was early met with hostility; and threats of prohibition, on the ground of glanders affecting the animals when they entered foreign countries, led to the establishment of an inspection of these animals.

#### REGULATION OF SHIPS THAT CARRY EXPORT ANIMALS.

Another danger that menaced our export trade had its origin in the improperly fitted ships and in the alleged cruel treatment of animals on shipboard. In the early years of the transatlantic traffic, before the large and commodious cattle boats of the present day were constructed, these animals were largely carried on "tramp" ships,—vessels which were not engaged in a regular trade, but which were sent from port to port after such cargo as could be obtained. As such ships might not carry cattle on more than one or two voyages a year, they had only temporary cattle fittings, and were without conveniences for supplying the proper quantities of food and water. The pens were so insecure and so exposed that frequently both fittings and cattle were washed overboard. The attendants were often inexperienced and worthless. The space was overcrowded. The ventilation was insufficient. The boats were occasionally unseaworthy.

As a result of these conditions, reports frequently reached the public of ships arriving in British ports after an unusually long voyage, with the feed and water exhausted and the animals dying from hunger and thirst. Sometimes during storms it was necessary to fasten down the hatches, and then, it was alleged, that, on account of insufficient ventilation, large numbers of animals would die asphyxiated. Again, it occasionally happened that, in heavy seas, the weight of the cattle would be thrown upon the halters with such force that the fastenings would give way and the animals be mixed and jammed together in the greatest confusion. If the attendants were inexperienced, or, for any cause, unequal to the occasion, some of the animals would be crushed and trampled to death, others would be bruised and maimed, and the general appearance of those landed would make a most unfavorable impression.

Such occurrences could scarcely fail to attract the attention of humane people abroad, particularly when the sentiment of humanity was intensified by the desire to limit American competition. The barbarities of the transatlantic cattle traffic were described in language glowing with indignation and horror, the cruelties were exaggerated and multiplied, atrocities were described that never were committed, and illustrated pamphlets were prepared and circulated in order that the full power of sensationalism might be invoked. As a result of this agitation, a bill was presented to the British Parliament to prohibit the importation of live cattle from beyond the seas, and the Queen was strongly urged, in the name of humanity, to use her influence to secure its passage.

This emergency was met by the act of March 3, 1891, authorizing the Secretary of Agriculture to enforce necessary regulations to secure the safe carriage and humane treatment of cattle exported from the United States. Careful investigations were at once made by the Bureau of Animal Industry and regulations formulated which were acceptable to the British Government. The rigid enforcement of such regulations led to the withdrawal of the poorer class of ships from this trade, since they could not compete with the regular liners if compelled to fit in a

safe and comfortable style. Magnificent iron cattle-ships were constructed, with permanent fittings, and having all the comfort, convenience, and safety which human ingenuity could provide. The losses of cattle in transit were soon reduced to the minimum of about one-third of 1 per cent. The cattle were unloaded in as good condition, as vigorous, and healthy as they were when they went on board. As a result of the improved conditions, and the greatly diminished losses, insurance rates were reduced from \$8 and upwards per head of exported cattle to less than \$1 per head. This saving of insurance alone, with an average exportation of 325,000 head, amounts to \$2,275,000 per year, nearly three times the entire cost of maintaining the Bureau.

#### INSPECTION AND QUARANTINE OF IMPORTED ANIMALS.

If the eradication of contagious diseases is important—and this is a proposition scarcely admitting of question—it is no less important to stop the importation of contagion with animals coming into the country. Accordingly, one of the first steps taken for the control of contagious diseases among animals was the establishment of quarantine stations at the principal Atlantic ports, where imported animals might be detained until there was no longer any danger of the development of disease from exposure to contagion in other countries. These stations were at first under the direction of the Treasury Department, but soon after the organization of the Bureau of Animal Industry they were transferred to its control.

It was only the realization that pleuro-pneumonia had been allowed to spread to a considerable though unknown extent among our herds, and had caused serious restrictions to be placed upon our export cattle trade, that led our Government to take even this first step for the protection of American live stock. We had taken the risk of importing the most destructive plagues for years without giving them much thought. Our people, always buoyant and optimistic, and never willing to consider danger or admit the possibility of trouble until it is upon them, could not be induced to guard against the danger to which they were exposed until they had actually experienced some of the inconvenience and loss which come from the neglect of such precautions. The establishment of quarantine stations furnished the necessary means to exclude further importations of contagion, and permitted us to undertake the eradication of pleuro-pneumonia with confidence that when the existing centers of the disease had been discovered and stamped out we should not be troubled by new outbreaks caused by imported cattle.

Three stations are maintained on the Atlantic coast—one at the port of Boston, one at New York, and one at Baltimore. In the early years of these stations, several importations of animals affected with foot-and-mouth disease were detected, and one importation of pleuro-pneumonia was discovered in the Canadian quarantine. During recent years certificates of healthfulness and freedom from exposure have been required to accompany imported animals, and permits for importation are refused for animals from countries in which dangerous contagious diseases are prevalent.

The inspection system has been extended so as to include the frontiers bordering upon both Canada and Mexico. The principal problems in this case are to prevent the importations of animals carrying the contagion of glanders, tuberculosis, sheep scab, and Texas fever. Tuberculosis is the most difficult to detect, and, in order to guard against it so far as possible, cattle for breeding or dairy purposes are tested with tuberculin. This test is also applied to cattle imported through the Atlantic ports.

Notwithstanding the numerous sources of disease in countries from which animals are imported, and the vast numbers of such animals which are annually brought to our country from abroad, the Bureau has successfully protected our animal industry from this danger.

#### DISTRIBUTION OF LABORATORY PRODUCTS FOR THE CONTROL OF DISEASE.

A great work has been done by the Bureau in the preparation of certain laboratory products used in controlling animal diseases. The preparation of tuberculin was undertaken soon after its discovery, and this article and mallein have been furnished to State authorities to be used in the diagnosis of tuberculosis and glanders. More recently the manufacture and distribution of a vaccine for blackleg in cattle has been very successfully conducted, and more than one million doses are now used per annum. These laboratory products are made at very little expense to the Government and have become essential in combating the diseases mentioned.

#### DAIRY WORK.

One of the most important sections of the animal industry is that devoted to dairying—the production of milk, butter, and cheese. Recognizing the great amount of capital invested in such work, a dairy division was created in the Bureau, and efforts have been made to collect and distribute information, to keep in touch with those engaged in the industry, and to assist in building up an export trade to foreign countries. The success of this line of work is unquestioned. The dairy bulletins have done much in an educational way, and the experimental exports of dairy products have demonstrated the excellence of American dairy products.

#### PRESENT ORGANIZATION OF THE BUREAU.

In 1891 it was found that the growth and extension of the work of the Bureau made it desirable that it should be reorganized into a number of distinct divisions, in order that it might be better systematized and directed. There have been formed, up to the present time, the following divisions:

(1) The inspection division, to which is assigned work of an executive nature, including the eradication of contagious diseases, the inspection of export and import animals, meat inspection, vessel inspection, and the regulation of the movement of Southern cattle (to prevent the spread of Texas fever).

(2) The pathological division, which is principally engaged in investigating the diseases among domesticated animals to determine their nature, cause, and treatment, together with the most practical method of prevention.

(3) The biochemic division, to which is assigned the chemical problems arising during the investigation of disease and the preparation of tuberculin, mallein, and the various serums for the prevention and cure of disease.

(4) The zoological laboratory, to which is assigned the study of the parasites affecting our domesticated animals and the diseases which they induce.

(5) The dairy division, which collects and disseminates information relating to the dairy industry in the United States.

(6) The miscellaneous division, which has supervision over the accounts and expenditures, conducts the general correspondence in regard to diseases and the animal industry of the country, and directs the field investigations.

(7) The experimental station, where the animals used in the experiments are kept, where small animals for these purposes are bred, and where antitoxic serums for animal diseases are prepared.

All of this machinery of the Bureau is working in one way or another to stop the losses and to increase the receipts of the stock-raisers of the United States. To understand the different lines of this work, the objects in view, and what is being accomplished, the following tabular statement may be found useful :

*Table Showing the Work of the Bureau of Animal Industry.*

- I. Control of Contagious Diseases of Animals in the United States.
  1. Eradication of pleuro-pneumonia (completed).
  2. Control of Texas fever.
  3. Control of sheep scab.
- II. To Prevent Importation of Contagion.
  1. Quarantine at Atlantic ports.
  2. Inspection and quarantine along Mexican and Canadian borders.
  3. Tuberculin tests of cattle in Great Britain and Canada.
- III. To Prevent Exportation of Contagion.
  1. Inspection of exported live stock.
- IV. Meat Inspection.
  1. Ante- and post-mortem inspection of interstate and export meat.
  2. Trichinæ inspection.
- V. Investigation of Diseases and Remedies.
  1. Texas fever.
  2. Hog cholera.
  3. Sheep scab dips.
  4. Tuberculosis.
  5. Rabies.
  6. Other contagious and non-contagious diseases, so far as facilities permit.
- VI. Co-operation to Prevent Disease.
  1. Supplying tuberculin to State authorities.

2. Supplying mallein to State authorities and to War Department.
3. Supplying blackleg vaccine to cattle owners.
4. Enforcing Texas fever quarantine line.

VII. To Aid Exports.

1. Trichinae inspection.
2. Inspection of live animals for export.
3. General inspection of meat for export.
4. Inspection and control of cattle fittings on steamers carrying animals for export.
5. Experimental shipments of butter, cheese, and eggs.
6. Publication of bulletins on American live stock and their products.

VIII. Collection of Information.

1. As to diseases.
2. As to breeds, breeding, and feeding.
3. As to the dairy industry.
4. As to the condition of the animal industry.





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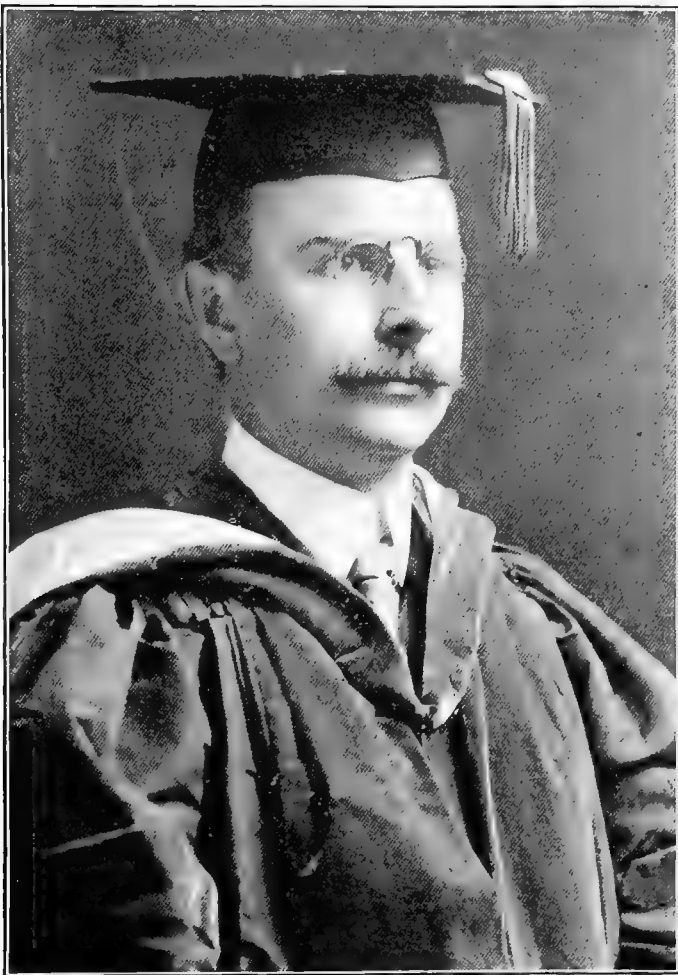


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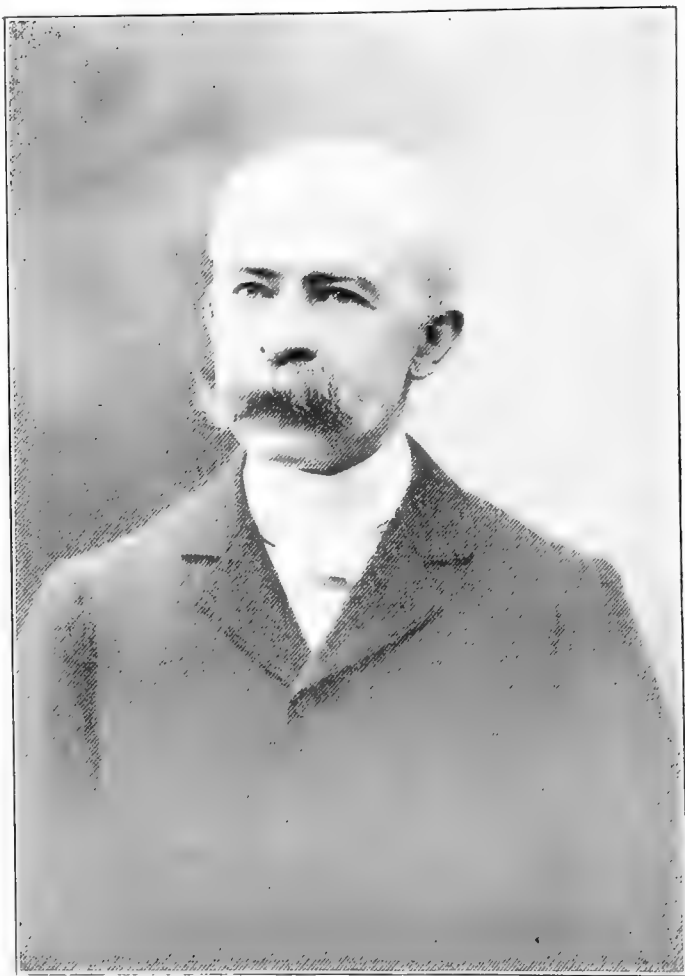


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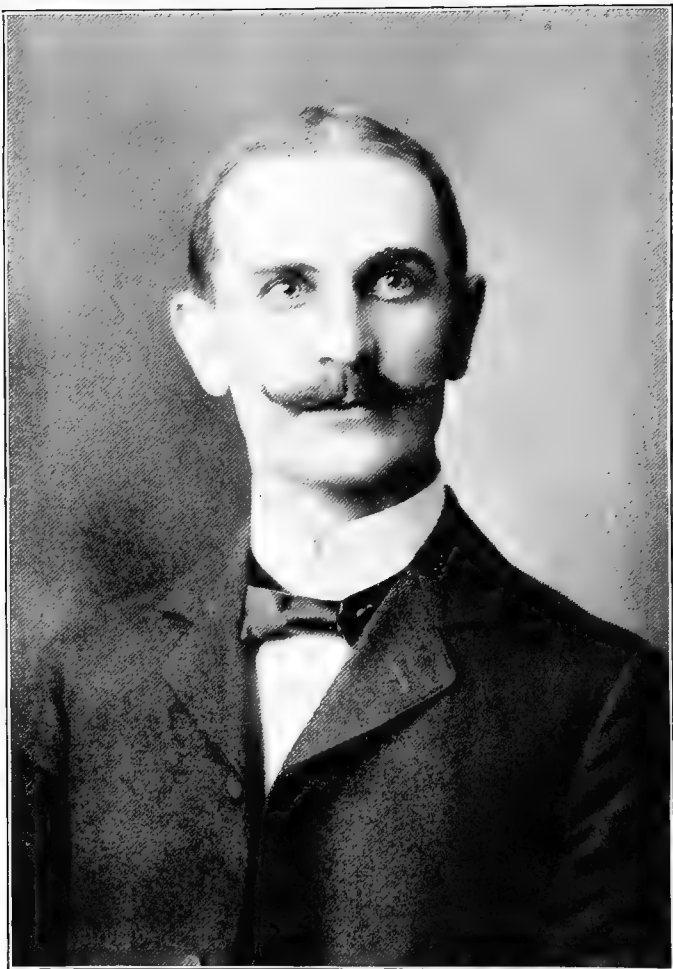
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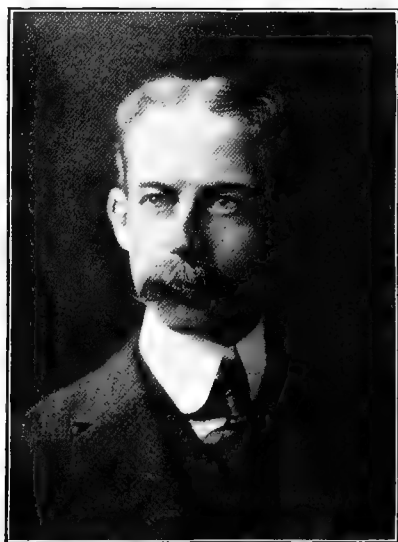
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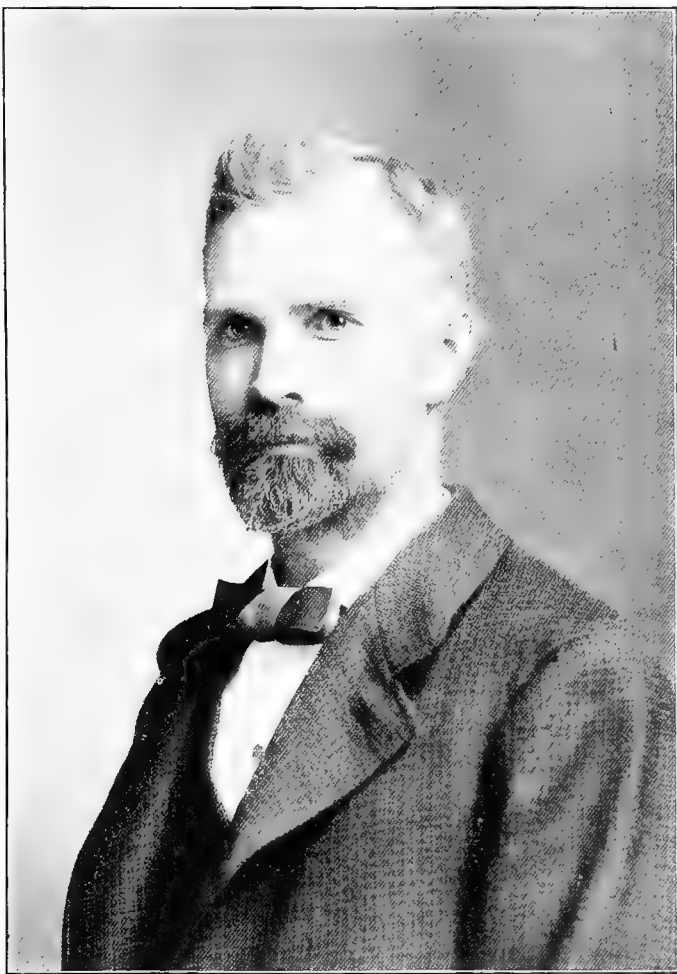
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DR. O. G. ATHERTON.



DR. F. L. DE WOLF.



DR. H. W. HAWLEY.



DR. FRANK B. McCALL.



DR. F. S. TUFTS.





DR. W. C. SIEGMUND.



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DR. ALBERT E. RISEL.



DR. GEORGE A. LYTLE.



DR. W. A. SAVAGE.



DR. WILLIAM HENRY SMITH, JR.



DR. M. T. NAUGHTON.



DR. E. L. BERTRAM.



DR. HENRY W. ILSTON.



DR. BURTON R. ROGERS.



DR. EDWARD K. WARD.



DR. WILLIS I. DILLINGHAM.



DR. JOHN T. KENNEDY.



DR. JOHN J. MURRAY.



DR. WARNER W. WORCESTER.

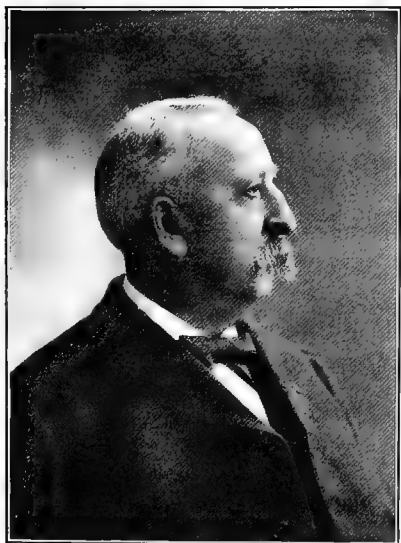




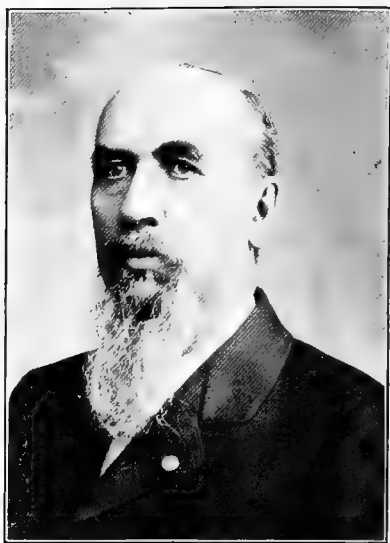
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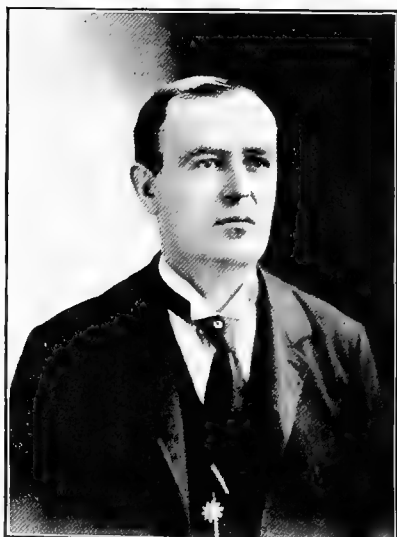
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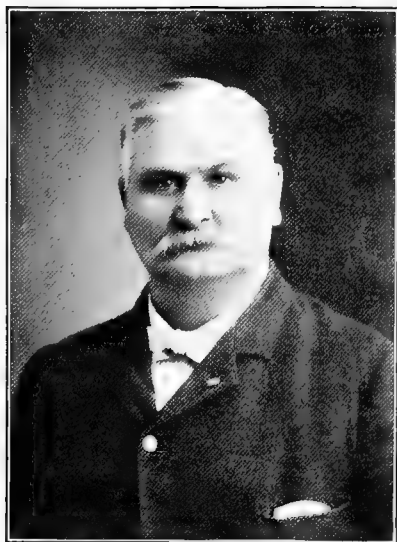
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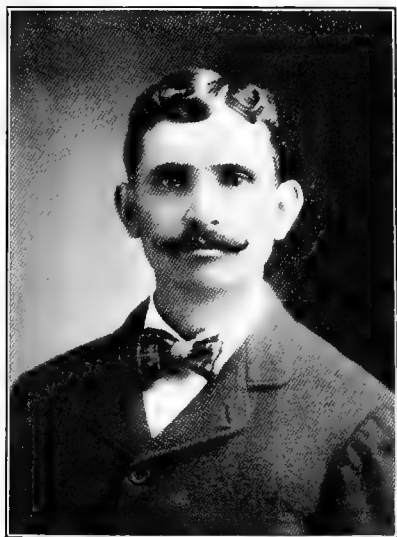
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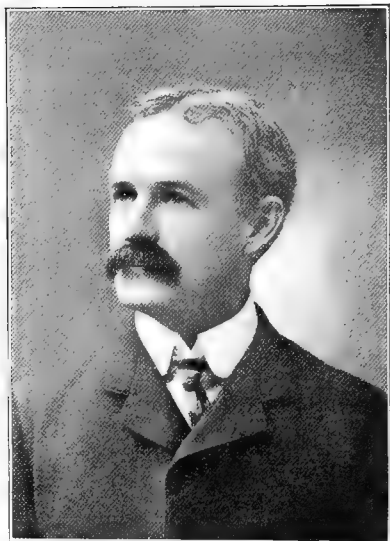
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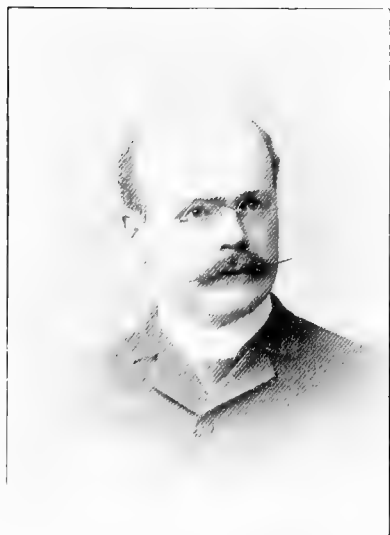
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THEODORE B. ZUENDEL.



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FRANK SCHROEDER.



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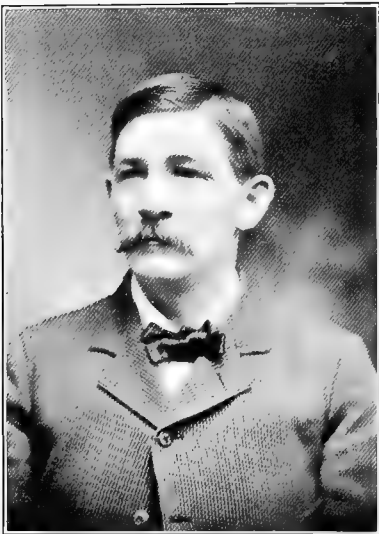
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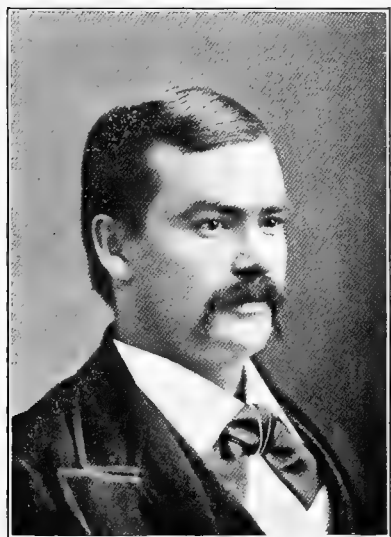
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WILLIAM PROUDFOOT.



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EDWARD BRUNDIGE.



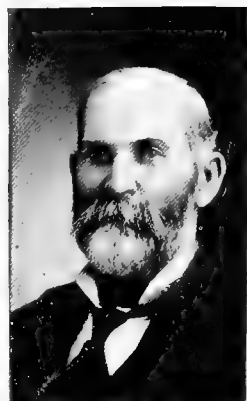
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MICHAEL METZGER.



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JEREMIAH HOLLAND.



RICHARD WALSH.



MICHAEL MURRAY.



HERMAN JACOBUS.



JAMES R. SIMPSON.



R. A. BROADHURST.



FRANK A. PADDOCK.



ALTINE HOSTETLER.



ALBERT E. HARRIS.



JOHN C. LORENZEN.



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C. E. FAULHABER.



DR. SAMUEL E. BENNETT.



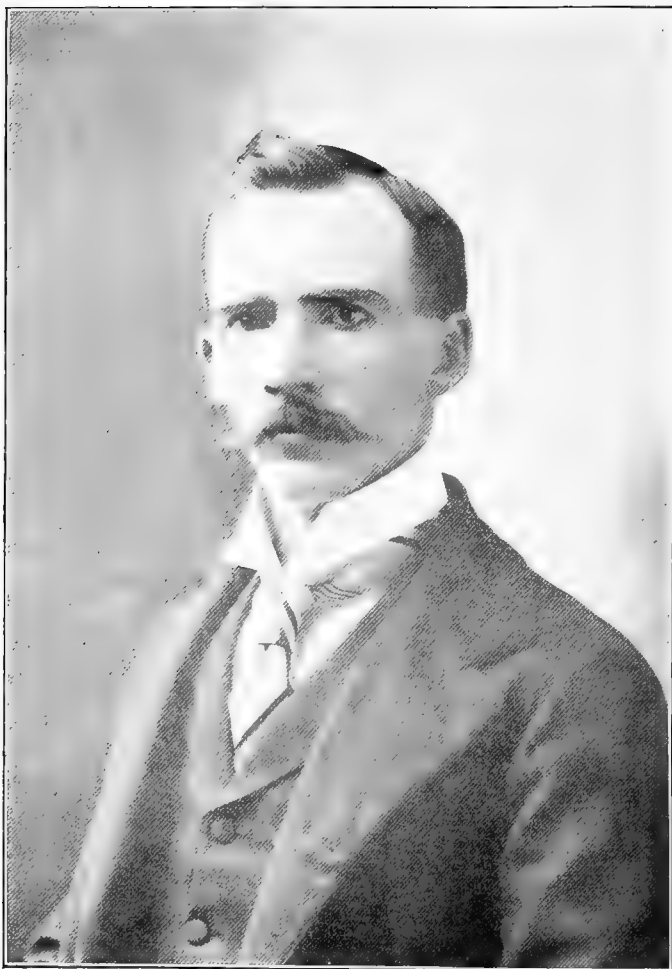
DR. S. STEWART.



DR. J. C. MILNES.



DR. B. F. KAUPP.



DR. W. ROSS COOPER.





DR. THOMAS W. CARNACHAN.



DR. A. W. SWEDBERG.



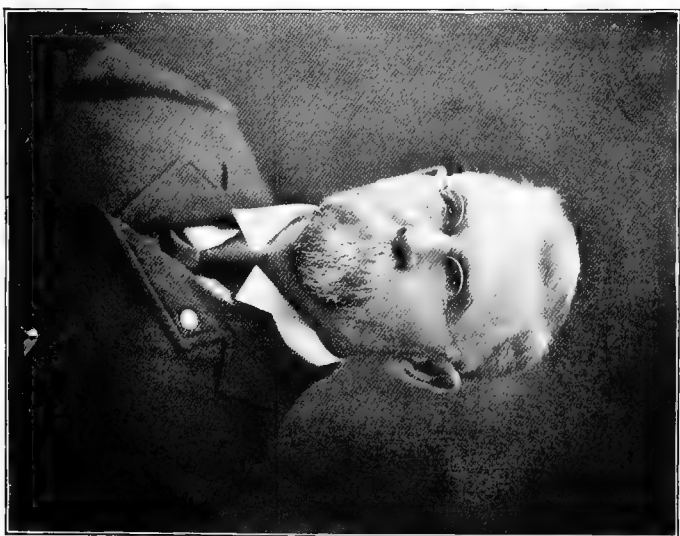
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DR. HARRISON H. GEORGE.



DR. ALBERT LONG.



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DR. H. B. CHANEY.



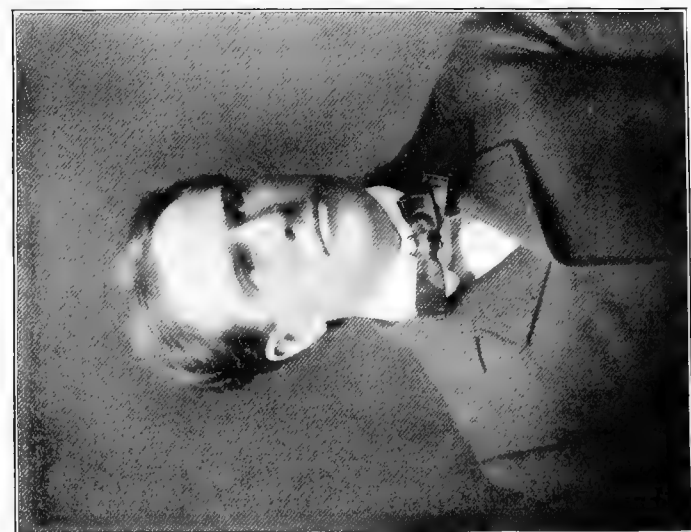
DR. JOHN S. GROVE.



DR. WESLEY N. NEIL.



DR. D. C. HANAWALT.



DR. THOMAS W. SCOTT.



DR. NORRIS L. TOWNSEND.



DR. NATHANIEL B. SMITH.



DR. GEORGE W. BROWNING.



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DR. H. J. HAMMOND.





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I. N. VANCE.



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G. D. YOUNG.



JOHN S. BIGGS.



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JOSIAH D. FLORA.



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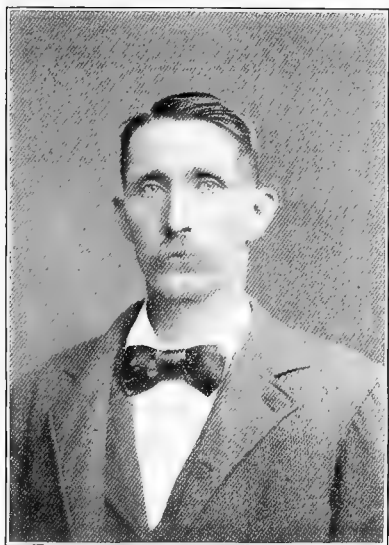
HENRY MORLEY.



GEORGE T. CATHEL.



THOMAS A. McLELAND.



WASHINGTON GOBBLE.



J. D. COOPER.



J. H. RICHARDSON.



A. E. WAGNER.



J. M. STEEL.



H. H. KNOX.



W. B. GARLICK.



AUGUST JOST.



BERNARD CUNNINGHAM.



DANIEL S. PLATT.



W. H. SAUNDERS.



J. W. SHANNON.



LARKIN S. CAMPBELL.



THOMAS R. TAYLOR.



J. W. CHOWNING



E. D. EVERETT.



THOMAS REDMOND.



WILLIAM E. MOWRER.



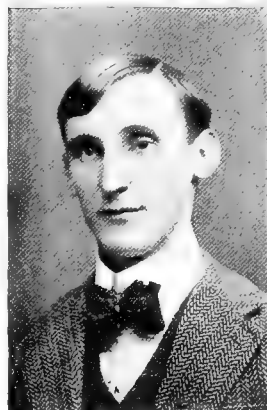
T. BYRON CRACROFT.



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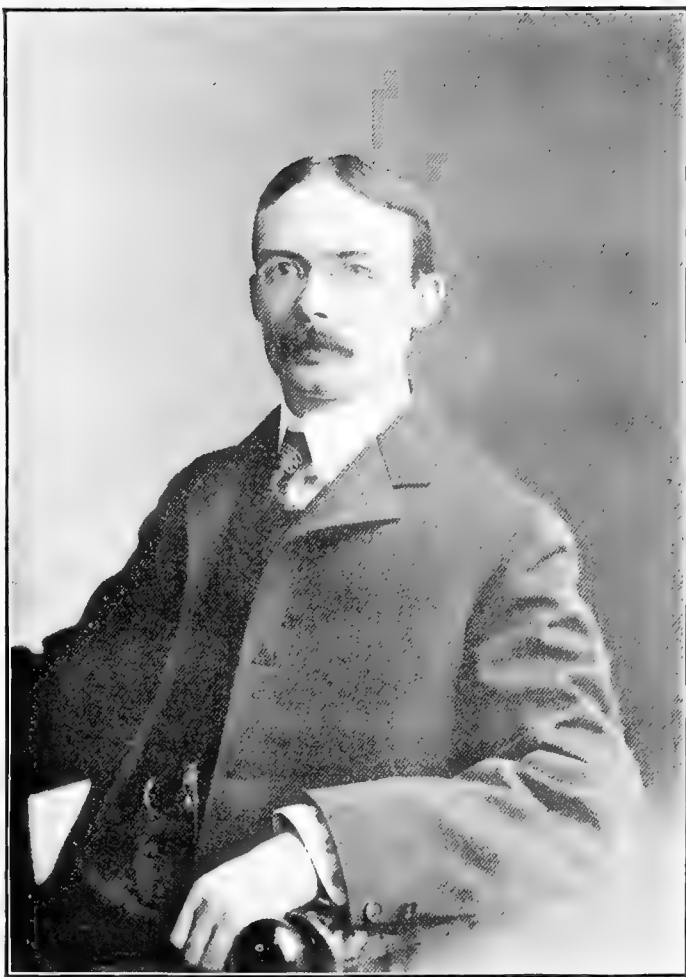


ORVILLE A. STINGLEY.



DR. F. W. HUNTINGTON.





DR. A. G. G. RICHARDSON.



DR. JAMES JOHNSTON.



DR. JOHN A. KIERNAN.



DR. P. H. MULLOWNEY.



DR. H. O. THOMPSON.



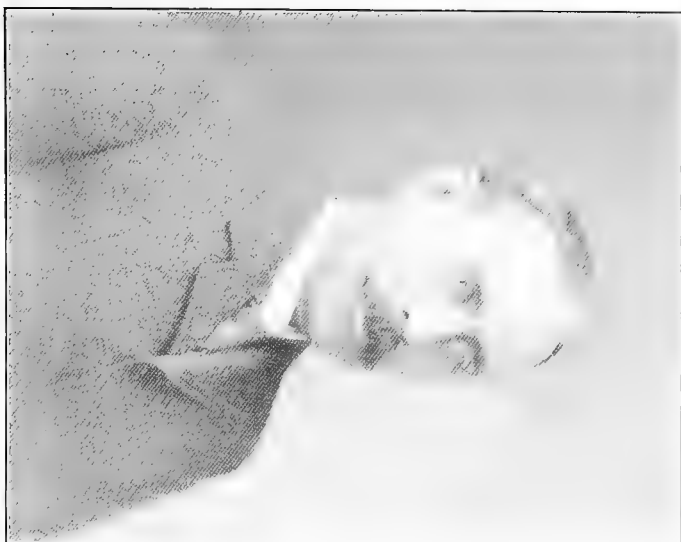
DR. ALEXANDER E. WIGHT.



DR. GEO. BYRON MORSE.



DR. E. A. CROSSMAN.



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DR. ARTHUR C. FITZPATRICK.



WILLIAM P. CHERRINGTON.



CYRUS K. SMALL.



GEORGE D. WARNER.



PHILLIP J. FANNING.





WM. H. TOZIER.



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HENRY W. BUSTEED.



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ALFRED J. BAILEY.



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JOHN E. FEIGNER.



LINUS E. SARGENT.



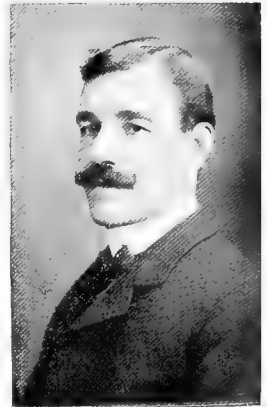
CHAS. B. HUTCHINSON.



JOHN L. ATCHISON.



GEORGE W. BRETT.



HARRY C. JACOBS.



DR. E. P. DOWD.



DR. WILBUR J. MURPHY.



DR. N. K. FEGLEY.



DR. HARRY N. WALLER.



DR. LOUIS ABEL.



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DR. RUSSELL G. LAWTON.



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EPHRAIM DIETRICH.



HIRAM JEROME.



HENRY SCHAUER.



WILLIAM FOLEY.



IMMANUEL DUE.



JOHN F. LUEPKE.



JACOB F. BUTTERFASS.



FRED. J. GOEBEL.



STEPHEN A. SELBY.



HENRY SCHOPP.



FRANK J. GILMORE.



J. C. OREN.



JOHN J. HAGGERTY.



H. F. R. WORKHEISER.



FRANK D. OWEN.



JOSEPH PFEIFFER.



JOHN L. BURGESS.



GEORGE MESSEMER.



EDWARD L. FLANNERY.



CHARLES F. CRAMER.



JOHN BOYD KAY.



GEO. E. SCHUMACHER.



RICHMAN COLES.

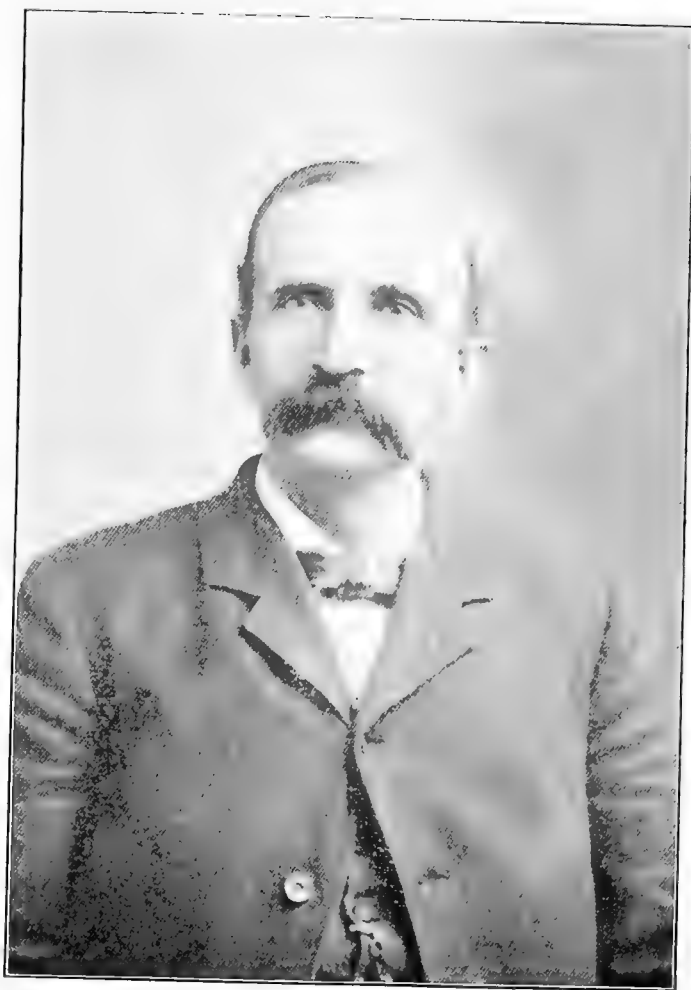




DR. W. H. ROSE.



DR. R. R. LETTS.



DR. HENRY BRISTER.



JAMES FLANNERY.



JOSEPH P. MCENANEY.



DR. JULIUS HUELSEN.



DR. ARCHIBALD McBRIDE.



GEORGE J. HOERNER.



THOMAS SHEA.



FRANK A. FAHRENBACH.



MATTHEW QUINN.



ERNEST E. RUE.



WM. A. SKINNER.



JOHN PURCELL, JR.



MARTIN P. GRADY.



L. V. STAFFORD.



DR. GEORGE W. POPE.





DR. CHARLES A. SCHAUFLEER.



GEORGE CARLIK.



DR. JAMES BEATTY.



CHARLES J. BIGLEY.



GEORGE B. WRIGHT.



SOL MILLER.



WILLIAM H. WADE.



JOHN C. COLLAHAN.



THOMAS REID.



MATTHEW ROBINSON.



A. N. PEPPERMAN.



JOSEPH E. BLONDELL.



WM. T. TIPPETT.



CHARLES EISENREICH.



WILLIAM BENNETT.



WILLIAM J. SULLIVAN.



DR. H. A. HEDRICK.



DR. DANIEL S. HAYS.



ISAAC L. BALL.



DR. GEORGE C. FAVILLE.

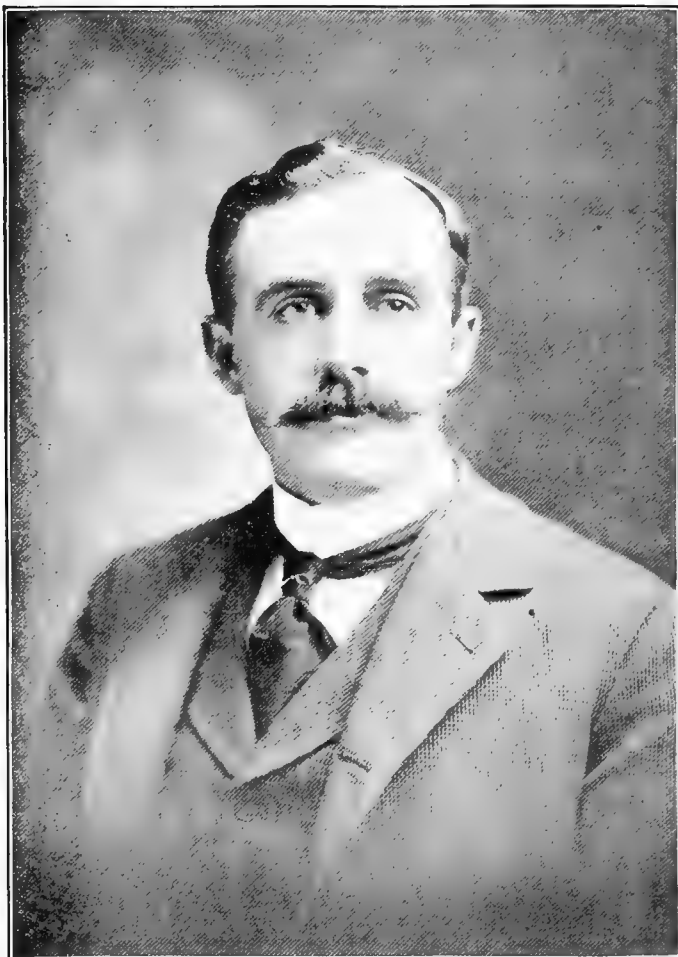


DR. CHARLES H. ZINK.





DR. LOUIS A. ROBINSON.



DR. BERNHARD P. WENDE.



DR. JOHN P. O'LEARY.



DR. H. M. BALL.



DR. A. F. MARTINS.



DR. HERMAN R. RYDER.



DR. W. N. D. BIRD.



DR. CLARENCE O. DURFEE.



DR. JAMES T. STUART.



GEORGE H. RUSSELL.



ALBERT H. HOYT.



ALBERT W. MEYER.



HENRY L. RIEMAN.



HARRISON L. NEWTON.



JOHN J. CROWLEY.



A. L. HIRLEMAN.



GEORGE H. WOOLFOLK.





MICHAEL JUSTINGER.



JAMES L. MCGILL.



MICHAEL CHOJNACKI



GEORGE A. CRANE.



JOHN MAZUROWSKI.



RANSOM HINKSON.



JAMES F. HUGHES.



HOGAN GAINES.



HARDEE WYATT.



HOWARD L. BOLLINGER.



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FRANK FILA.



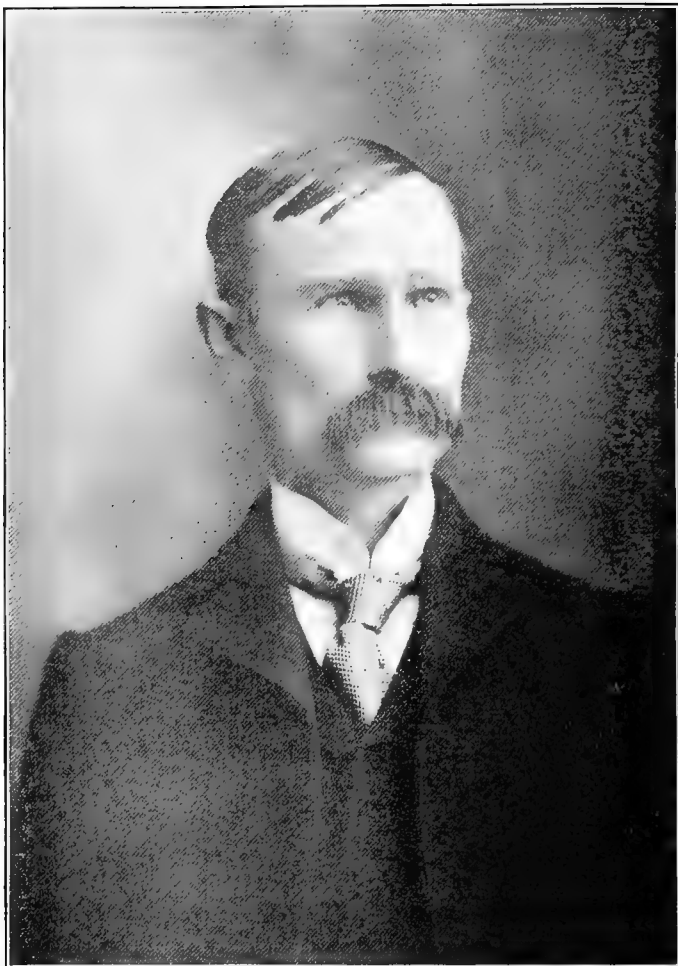
EDWARD C. CARLE.



JOHN D. SHANNON.



MARY F. LANNON.  
LILLIAN E. FARRELL.  
NELLIE NUNAN.  
ANNA L. MORAN.  
MARY A. HANRAHAN.  
ELIZABETH LIDDLE.  
ASSISTANT MICROSCOPISTS, BUFFALO, N. Y.



DR. FREDERICK W. AINSWORTH.



DR. E. P. SCHAFFTER.



DR. LOUIS K. GREEN.



DR. A. J. PAYNE.



DR. LOUIS P. COOK.





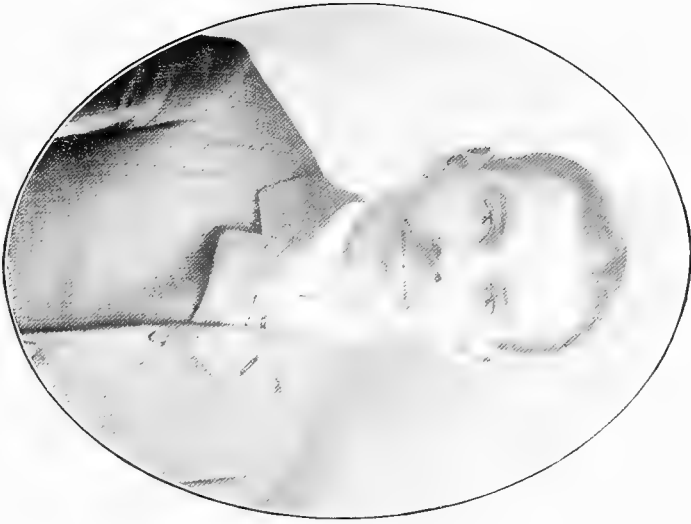
DR. THOMAS L. RICE.



DR. C. M. MCFARLAND,



DR. THOMAS J. TURNER.



DR. WM. T. SPARHAWK.



DR. HERBERT M. SMITH.



DR. NIELS C. SORENSEN.



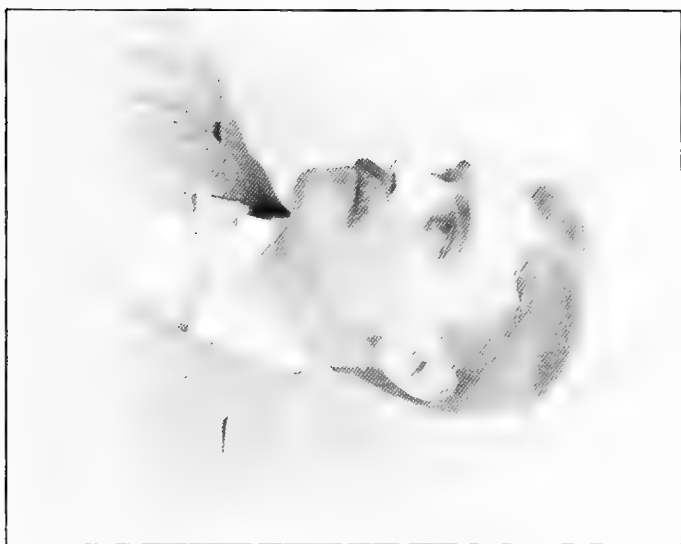
DR. T. L. ARMSTRONG.



DR. ROBERT DARLING.



DR. JOSEPH S. KEANE.



DR. SAMUEL G. HENDREN.



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DR. ROBERT TURNBULL.





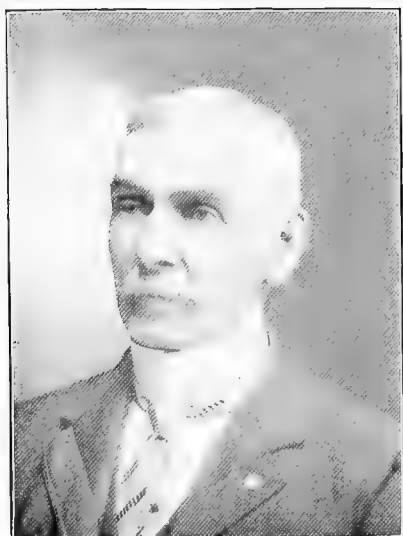
DR. HARRY K. WALTER.



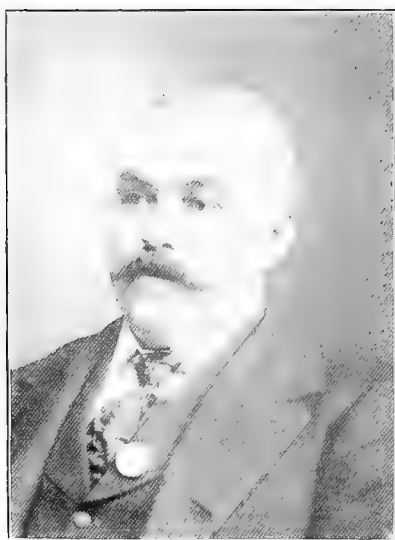
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DR. LEWIS R. BAKER.



JAMES L. GERRISH.



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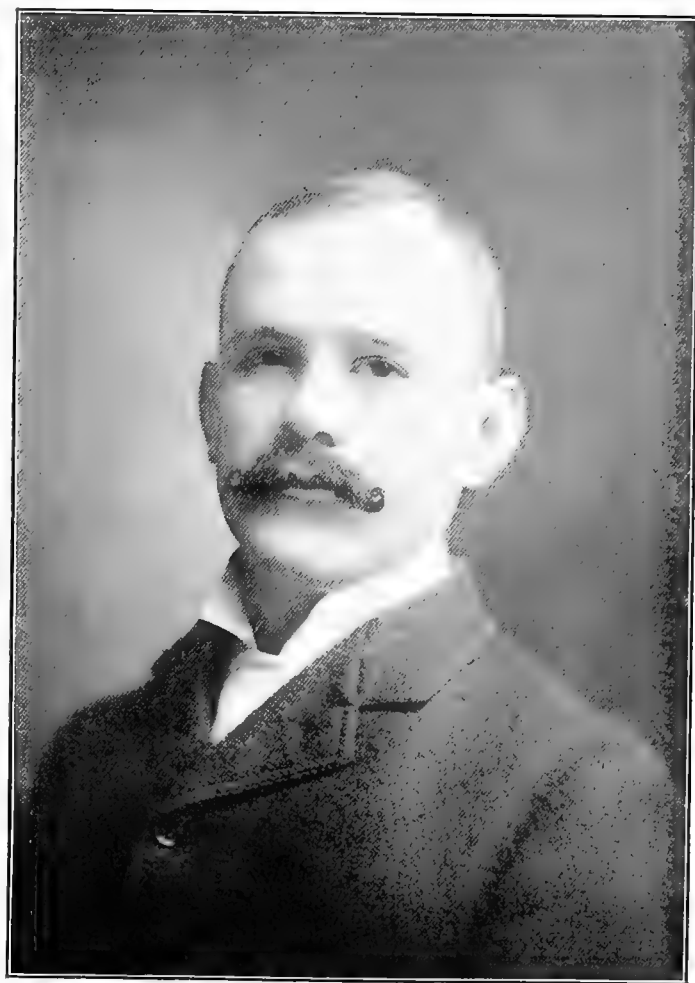
FRANK MACKUT.



S. D. GILLETT.



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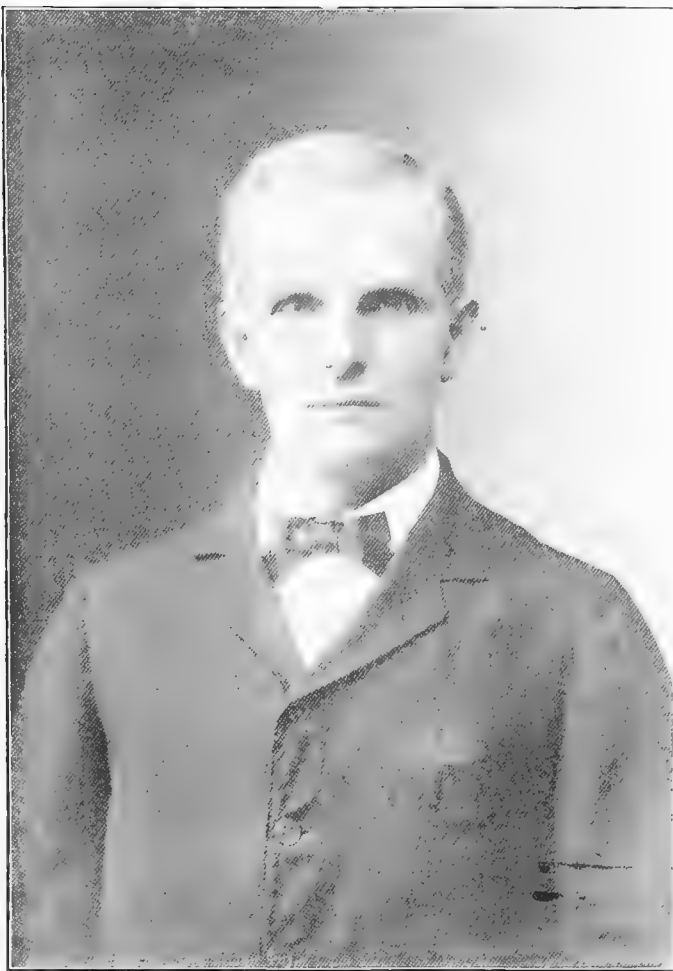


DR. GEORGE W. BUTLER.



DR. HERBERT CALDWELL.





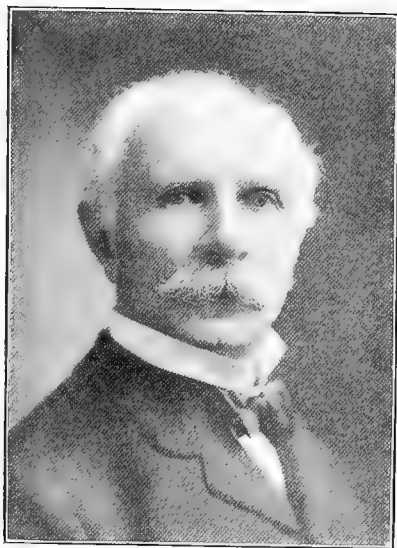
DR. BOYD BALDWIN.



DR. ISAAC NEWTON KROWL.



DR. WILLIS B. LINCOLN.



G. J. REINSCH.



CHARLES ELMER.



JOHN P. SOMERS.



JAMES W. CARNEY.



DR. O. W. SNYDER.



DR. JAMES S. KELLY.



DR. FREDERICK BRAGINTON.



DR. JAMES J. BROUGHAM.



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DR. JOHN O. F. PRICE.



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DR. ROBERT J. MORRISON.



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DR. W. H. GIBBS.



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JOHN F. SCHIERMANN.



A. R. BRUTON.



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JOHN JACOBSON.



GEORGE SUTHERLAND.



THOMAS M. LIBBY.



FRANK O'NEILL.



DR. FRANK D. KETCHUM.



DR. M. O. ANDERSON.



DR. DANIEL G. SHUMWAY.



DR. R. N. MEAD.



DR. GEORGE T. IRONS.





DR. GEORGE DITEWIG.



DR. T. A. SHIPLEY.



DR. IRA K. ATHERTON.



DR. JOSHUA MILLER.



DR. L. ENOS DAY.



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DR. G. A. JOHNSON.



DR. N. V. BOYCE.



DR. HENRY C. BABCOCK.





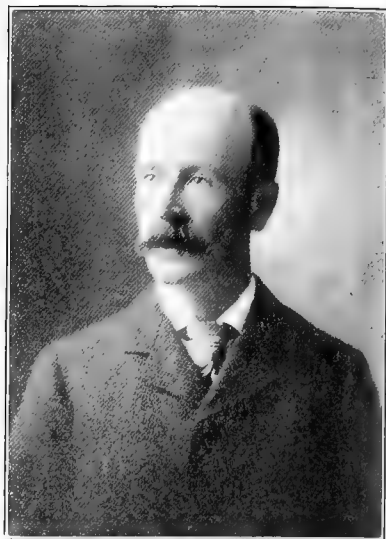
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DR. A. C. HART.



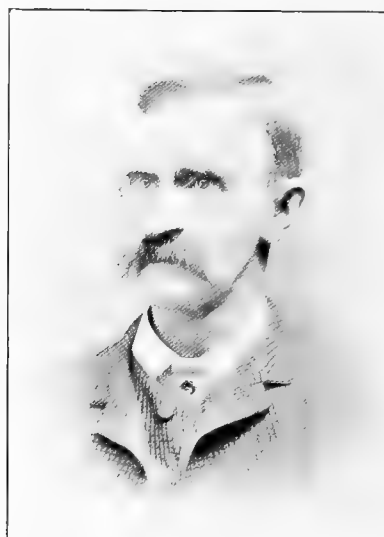
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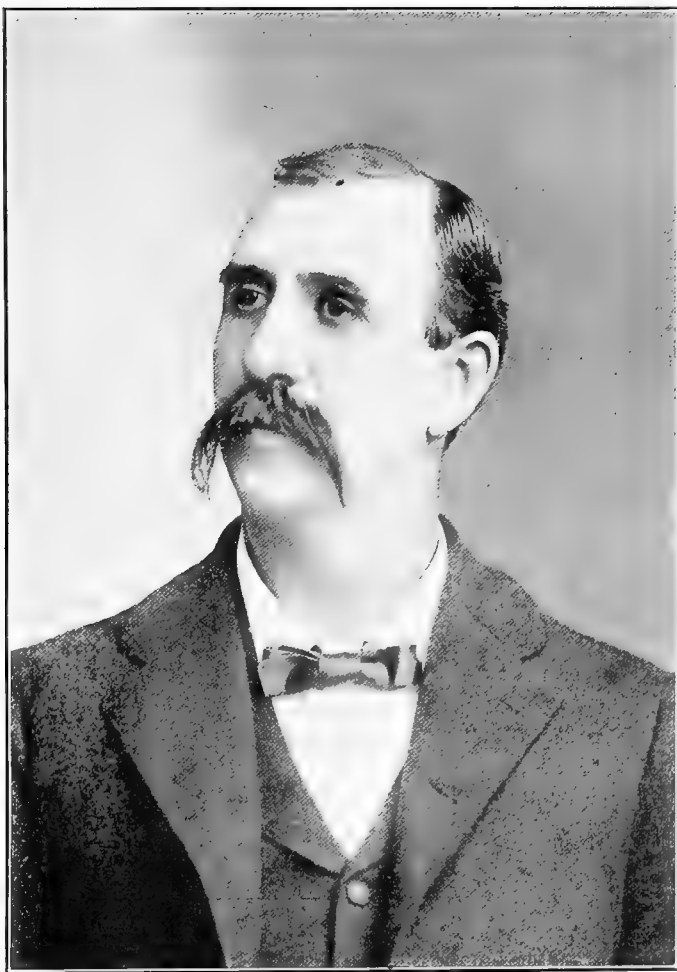
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ABRAHAM J. MADER.



D. McDONALD.



DR. W. S. CASS.



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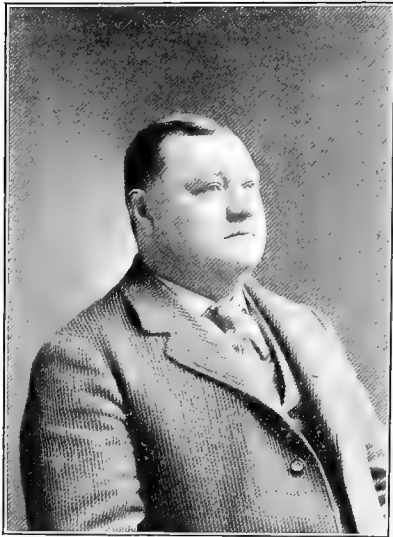
DR. DUNCAN R. GILLIES.



DR. D. CLIFTON BURNETT.



DR. THOMAS H. POTE.



GEORGE MARKERT.



GEORGE H. BOUGHNER.



GEORGE C. BURKE.



FRANK CANON.



DR. JOHN FORBES.



DR. J. E. BLACKWELL.





DR. JAMES WILSON.



DR. H. G. MOORE.



DR. G. A. BOND.



DR. FRANK C. MCCURDY.



DR. J. B. WRIGHT.



DR. J. A. SLOAN.



DR. HENRY J. WASHBURN.



DR. THOMAS H. RIPLEY.



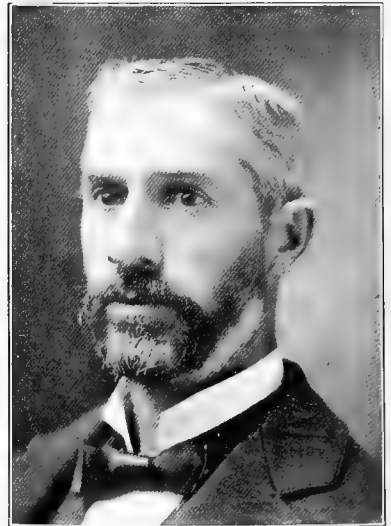
FRANK A. EWING.



CLAYTON E. MOSS.



WM. F. PFLAEGING.



ALFRED DAY.



DR. DON C. AYER.



DR. A. T. EVERETT.





DR. DON W. PATTON.



DR. ARTHUR B. MORSE.



DR. A. R. WAKE.



DR. WILLIAM R. FLEMING.



DR. DEAN G. COOPER.



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DR. FRANK E. MURRAY.



DR. R. N. DRAKE.



DR. BERNARD W. MURPHY, JR.



DR. CLINTON H. BUGBEE.

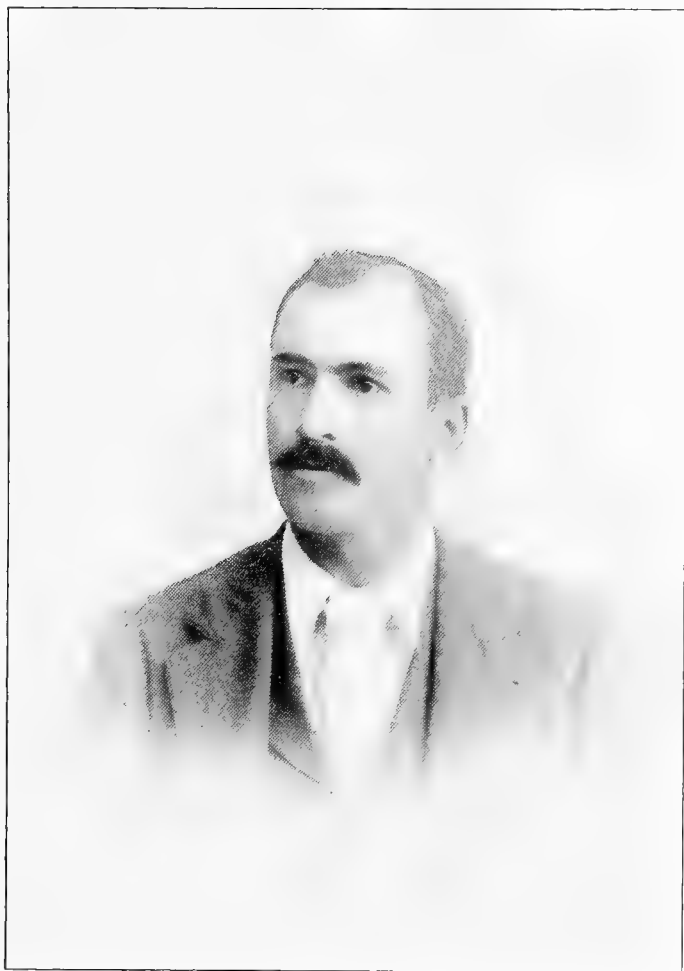


DR. HARRY H. DELL.



DR. ELWIN T. DAVISON.





DR. SAMUEL E. COSFORD.



DR. W. C. BARTH.



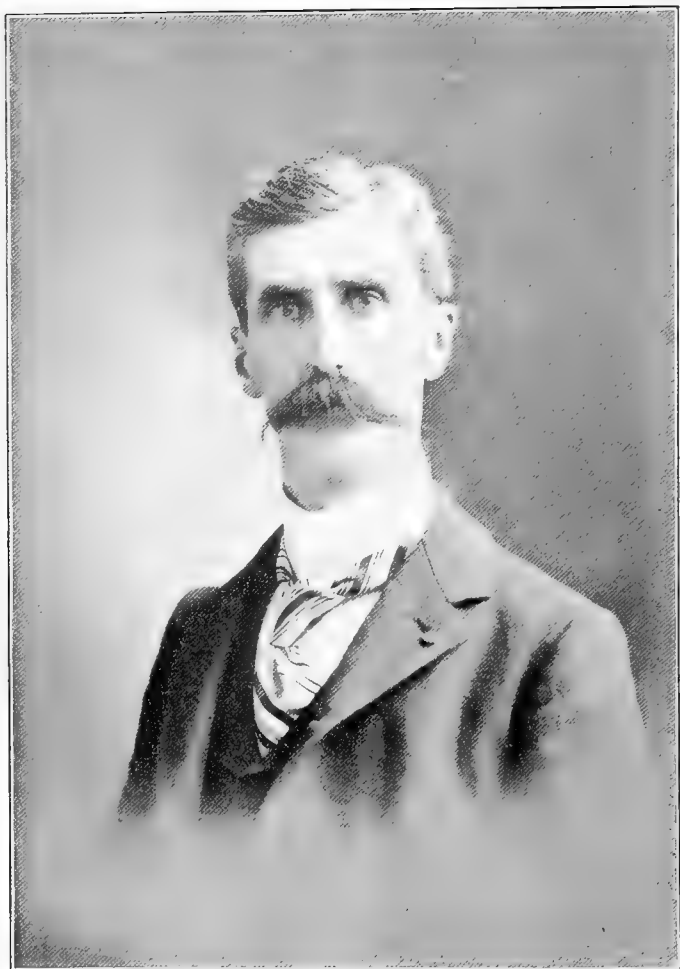
DR. FRANK T. SHANNON.



DR. O. B. HESS.



DR. ERNEST N. HUTCHINSON.



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JOHN J. BORDEN.



ARTHUR J. O'ROURKE.



W. R. DENNIS.



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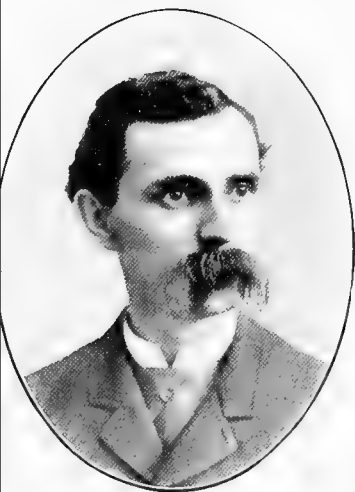




THOMAS W. OSHEL.



JAMES IRWIN.



LAOMER WEST.



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JOHN H. WEBSTER.



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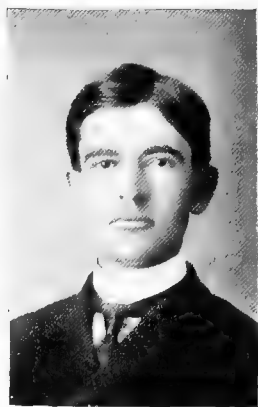
GEO. J. COLEMAN.



C. H. SCHULTZ.



THOMAS G. COWGILL.



WALTER E. STONER.



MARTIN P. NOLTE.



ALBERT DEAN.



DR. LESLIE J. ALLEN.



DR. THOMAS A. BRAY.



DR. HARRY B. ADAIR.



DR. HARRY D. PAXSON.



DR. THOMAS CASTOR.





DR. ARTHUR M. RORK.



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DR. WILLIAM G. SHAW.



DR. MONROE B. MILLER.



DR. CHARLES E. STEEL,



DR. RAYMOND JOHNSON,



DR. LOUIS NETSKER.



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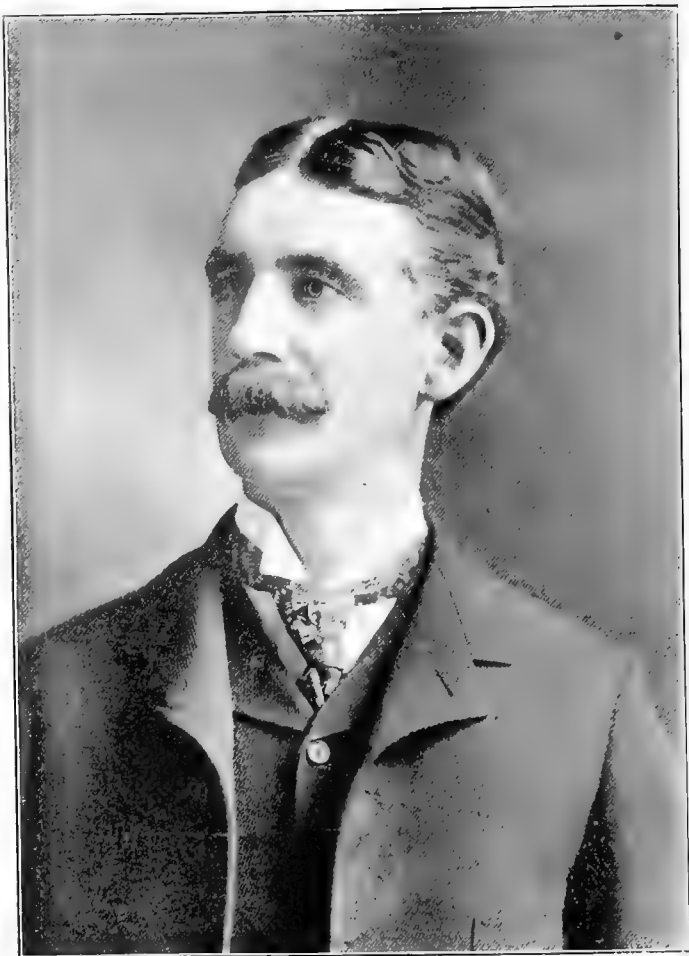


D. MCCUNNINGHAM.





DR. RICE P. STEDDOM.



DR. F. W. HOPKINS.



DR. F. T. DOLAN.



DR. W. P. ELLENBERGER.



DR. ERNEST L. VOLGENAU.



DR. JOHN A. BELL.



DR. F. L. RUSSELL.



DR. CHARLES COWIE.



DR. G. W. WARD.



DR. BENJAMIN HOWES.





DR. DAVID CUMMING.



DR. H. D. MAYNE.



DR. C. L. MORIN.



DR. H. T. POTTER.



DR. W. S. DEVOE.



DR. A. A. HOLCOMBE.



DR. LOWELL CLARKE.



GEORGE S. HICKOX.



DR. FRANK C. EELLS.



DR. W. E. HOWE.



DR. J. OTIS JACOBS.



DR. LEVI P. BEECHY.



DR. HUGH M. ROWE.





DR. ADOLPH J. PISTOR.



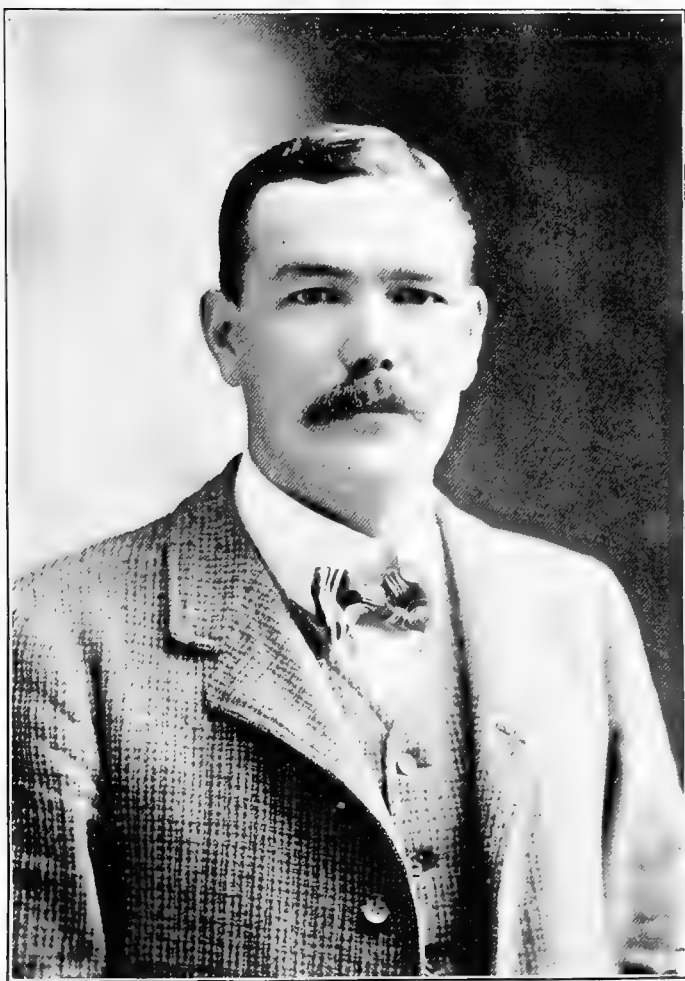
DR. M. S. LANTZ.



DR. R. A. RAMSAY.



DR. ROBERT H. TREACY.



DR. JOHN MCBIRNEY.



DR. CHARLES M. DAY.



DR. A. M. ADAMS.



DR. W. B. NILES.



S. N. HEATON.



HENRY TOWNS.



J. I. BAGNALL.



A. WILSON.



M. V. THOMPSON.



L. STEWART.



M. M. CHAMBERS.



C. H. POLK.



J. E. FRANK.



EUGENE STILES.



A. A. TIMSON.



WILLIAM R. PARKS.



J. S. LUNSTEDT.



C. W. FELTCH.



LLEWELLYN C. AKIN.



D. N. WHEELER.



GEORGE S. BLISS.



EDWARD L. WELLS.





CHARLES H. STEVENS.



PROF. H. P. ARMSBY.



J. AUGUST FRIES.



PROF. I. THORNTON OSMOND.



CASSIUS W. NORRIS.



DR. JOHN G. SLEE.



DR. CHARLES H. BLEMER.



DR. TAIT BUTLER.



DR. JOHN H. MCNEALL.



DR. LOUIS A. KLEIN.





## BIOGRAPHICAL SKETCHES.

WASHINGTON, D. C.

OFFICE OF THE CHIEF.

DANIEL ELMER SALMON, Chief of the Bureau of Animal Industry, was born at Mount Olive, Morris County, N. J., July 23, 1850. His early life was passed partly on a farm and partly as a clerk in a country store. Was educated at the Mount Olive district school, Chester Institute, Eastman Business College, and Cornell University. He entered Cornell University at its opening in 1868, being a member of its first freshman class. Here he became acquainted with Prof. James Law, who had just come to America to fill the chair of veterinary science in this new and progressive institution, and after consulting with him decided to take the scientific course for the first year and after that gradually take up veterinary studies, with a view of graduating from that department at the end of four years. This plan was substantially carried out, but as the clinical facilities at Ithaca at that time were not as extensive as were desirable, he was allowed to attend the Alfort Veterinary School, Paris, during the last six months of his course without prejudice to his standing at Cornell University. He was graduated at Cornell in 1872 with the degree of Bachelor of Veterinary Science. He was married the same year to Mary Thompson Corning, of Ithaca, and began veterinary practice in Newark, N. J. In 1875, on account of impaired health, he went to Asheville, N. C., for the benefit of the southern mountain climate. In 1876 he received from Cornell the advanced degree of Doctor of Veterinary Medicine. In 1877 he delivered a course of lectures on veterinary science in the University of Georgia.

The appropriation of \$10,000 in 1878 for the investigation of animal diseases led to his appointment for a period of two months to study the diseases of swine. He was appointed an inspector of the State of New York in 1879 to serve on the staff of Professor Law in the effort to stamp out the contagious pleuro-pneumonia of cattle. Here he had an opportunity by daily observation to acquire a thorough knowledge of the disease and of the methods of controlling it. This work was arrested in the autumn by the exhaustion of the appropriation, and he accepted an appointment from Commissioner Le Duc of the United States Department of Agriculture to investigate animal diseases in the Southern States, with particular reference to Texas cattle fever. These investigations were the starting point of the scientific work conducted by Dr. Salmon, or under his direction, concerning fowl cholera, the contagious diseases of swine, Texas fever, and the nodular disease of sheep, which have cleared up the principal points as to the cause, nature and control of these diseases.

Early in 1883 he was called to Washington by Commissioner Loring to establish a veterinary division in the Department of Agriculture. Within a year Congress passed an act establishing the Bureau of Animal Industry, and Dr. Salmon was appointed Chief of this Bureau, a position which he has held uninterruptedly until the present time. His work in the Bureau of Animal Industry is briefly told in the sketch of the Bureau which appears elsewhere in this volume. The most important things accomplished are: 1. The complete eradication of the conta-

gious pleuro-pneumonia of cattle from the United States. 2. The study and control of Texas fever. 3. The establishment of the Federal meat inspection service. 4. The establishment of the inspection of exported animals, and the ships carrying them, thus doing away with the cruel treatment and suffering which had been a startling feature of this traffic, reducing the losses and preserving the trade. 5. The preservation of the country from imported diseases by perfecting the system of inspecting and quarantining imported animals. 6. The scientific investigation of animal diseases, and their bearing upon public health questions.

Dr. Salmon is an honorary Associate of the Royal College of Veterinary Surgeons of Great Britain; Fellow of the American Association for the Advancement of Science; chairman of the committee on animal diseases and animal food of the American Public Health Association; ex-president and member of the executive committee of the American Veterinary Medical Association; member of the Washington Academy of Sciences, and of various other bodies devoted to medical and general science.

ALONZO DORUS MELVIN, Assistant Chief of the Bureau, was born Oct. 28, 1862, at Sterling, Ill.; attended school and business college at that place; spent portions of four years on a stock farm, and was employed by his father in a store for two years; acquired veterinary education at Chicago Veterinary College, graduating with degree of D. V. S. in April, 1886; was engaged with preceptor six months before and while attending college, and in general practice from time of graduation until entering the Bureau service, and also occupied position of assistant State veterinarian of Illinois at that time; was appointed in the Bureau Dec. 10, 1886, and first stationed at Chicago and employed in the work of extirpation of contagious pleuro-pneumonia of cattle; in October, 1887, was transferred to Baltimore and assigned to same work; in April, 1890, was transferred to Chicago, his duties consisting of the supervision of southern cattle transportation and inspection of actinomycotic cattle; was sent to England in July, 1890, and stationed at Liverpool, for the purpose of inspecting and reporting on the condition of animals, and vessels carrying same, from the United States, and while stationed there was sent to investigate a shipment of cattle to Hamburg, Germany; in April, 1892, was returned to Chicago and placed in charge of meat inspection at that station; on Aug. 1, 1895, was transferred to Washington and promoted to Chief of the Inspection Division; on April 9, 1898, was appointed by the U. S. Civil Service Commission a member auxiliary of the promotion board for the Department of Agriculture to represent the Bureau of Animal Industry; on Jan. 1, 1899, was promoted to his present position of Assistant Chief of the Bureau.

SYLVESTER R. BURCH, Chief Clerk of the Bureau, was born March 1, 1842, on a farm near Dresden, Ohio; he with his parents emigrated to Linn Co., Iowa, in the spring of 1858, where he worked on a farm in the summer months and attended school during the winter; taught a country school in the summer of 1861; in October, 1861, enlisted as a private soldier in Co. D, 12th Iowa Vol. Inf.; after serving two years re-enlisted in same company and regiment as a veteran and was promoted to corporal, sergeant-major and adjutant respectively; was detailed as an aide-de-camp on Major-General A. L. Chetlam's staff, and for the last six months of his service was acting assistant adjutant general on same staff; was mustered out of service Jan. 23, 1866; participated in the principal battles of the Armies of the Cumberland and Tennessee under Generals U. S. Grant, Sherman, Thomas, and A. J. Smith; was made a prisoner of war with his regiment at Shiloh, Tenn., April 6, 1862, after a hard day's fight, the position occupied being dubbed by the enemy "the Hornets' Nest"; returned to Linn Co., Iowa, when mustered out of the service, and resumed farming in the summer and teaching school in the winter; emigrated from Iowa to Olathe, Kans., in the fall of 1868, and engaged in the hotel business; was elected a member of the city council for four successive years; was then elected member of the school board and was made president of same for six years; was elected mayor of the city for two terms; for seven years was postmaster at Olathe; for ten years was cap-

tain of a military company and four years colonel of First Regiment, Kansas National Guard; was supervisor of Eleventh Census for the second district of Kansas; on Nov. 20, 1890, was appointed clerk in the Census Office at Washington, and on Sept. 7, 1891, was appointed auditing clerk in the Disbursing Office of the Department of Agriculture; passed the civil-service examination for clerk, and was appointed Chief Clerk of the Bureau of Animal Industry Jan. 1, 1897, by transfer and promotion from the Disbursing Office; on April 9, 1898, was appointed by the U. S. Civil Service Commission a member auxiliary of the promotion board for the Department of Agriculture to represent the Bureau of Animal Industry.

GEORGE FAYETTE THOMPSON, Editorial Clerk, was born in San Joaquin Co., Cal., Nov. 8, 1860; received education in common schools of California, Iowa and Kansas, and at Kansas State Agricultural College; from 1880 to 1886 was superintendent of printing department and teacher of printing in that college; from 1887 to 1891 was editor of the Manhattan (Kans.) Nationalist; for three years was a member of the city council of Manhattan, and during one year was president of the council; during this service \$85,000 waterworks plant was installed, a railroad constructed through the city, and a forty-acre park opened and planted to trees and plants; was appointed proof-reader in Government Printing Office, at Washington, Sept. 7, 1891; on Feb. 1, 1894, was appointed in the Office of Experiment Stations, Department of Agriculture; on Aug. 8, 1894, was transferred to Division of Publications and on Sept. 23, 1896, made superintendent of the document section of that Division; on March 1, 1898, was transferred to his present position.

JAMES MADISON PICKENS, Clerk and Secretary to the Chief of the Bureau was born at Eutaw, Greene Co., Ala., Dec. 2, 1872; resided in Alabama and Mississippi; attended Franklin Academy at Columbus, Miss., and afterwards studied stenography privately; went to Birmingham, Ala., in 1886, and was employed six years with law firm of Webb & Tillman and four years with Sloss Iron & Steel Co.; did some newspaper work during leisure time; was appointed in the Bureau Jan. 6, 1897, after passing civil-service examination in stenography at the head of the eligible list; took a special course in English at Columbian University; was married Nov. 22, 1899, to Mary Evans Drown; resigned from the Bureau Dec. 31, 1899, to take position with iron firm in Philadelphia, and was reinstated July 1, 1900.

JOSEPH ABEL, Clerk, was born at Philadelphia, Pa., Dec. 26, 1872, and received common school education there; removed to Ohio, and attended high school at Lima; studied stenography and typewriting at Canton Business College, and was in service of Sun Vapor Street Light Co., of Canton; came to Washington and accepted position as stenographer for the Washington correspondent of the New York World; afterwards became private secretary to Hon. D. D. Donovan, M. C., 5th Ohio district; was appointed stenographer in the Bureau Dec. 1, 1894, through civil-service examination; is a graduate of Georgetown Law School, with degrees of B. L. and M. L.

IRVING FRICKEY, Clerk, was born June 7, 1868, at Fort Plain, N. Y.; received public school education in the schools of Johnstown, N. Y., and later took a course in stenography and typewriting at Fairfield Seminary, Fairfield, N. Y.; then entered the employ of the New York Central & Hudson River Railroad at New York City; after civil-service examination, was appointed in the Bureau April 3, 1894, and has served continuously from date of appointment.

WILLIAM SHARPLES DERRICK HAINES, Illustrator, was born near Bel Air, Harford Co., Md.; was educated in public and private schools; studied drawing and painting for several years in the studio of F. J. Fisher, a graduate of the Paris, Munich and Dusseldorf schools of art, and then opened a studio of his own in which he was quite successful; was for a time employed as draftsman in the U. S. Fish Commission, and also in the Smithsonian Institution in making drawings for that eminent scientist, the late Prof. Edward D. Cope, of Philadelphia;

was appointed in the Bureau from West Chester, Pa., Dec. 19, 1888; much of his work appears in the publications of the Bureau.

MISS BEATRICE C. OBERLY, Librarian, was appointed Dec. 7, 1899, through special civil-service examination; previous to entering the government service had been engaged in active newspaper work covering a period of four years

MRS. MARY N. BARNARD, Clerk, a native of Massachusetts, was appointed from Canton, Ill., Feb. 27, 1888, and is on detail for duty in the Department Library.

MISS LIDA ANDERSON, Clerk, of Ohio, appointed March 31, 1900, by transfer from Seed Division.

WILLIAM P. STEDMAN, Messenger, was born July 14, 1836, in Ontario Co., N. Y.; removed to Michigan in 1842; received common school education; commenced to carry U. S. mails at fourteen years of age; drove stage and traveled with show companies and trained horses until 1862; enlisted in Co. B, 4th Mich. Cav., Aug. 12, 1862, and served in the Army of the Cumberland to the close of the war; was with Gen. Wilson on his great raid in the spring of 1865; captured Jefferson Davis, President of the Confederacy, May 10, 1865; took part in forty-one battles and skirmishes; after the war he settled in Michigan and was a farmer and lumberman until 1893; was appointed in the Weather Bureau Sept. 5, 1893, and transferred to the Bureau of Animal Industry Aug. 1, 1894.

#### INSPECTION DIVISION.

ARTHUR MANLY FARRINGTON, Chief of Inspection Division, was born Sept. 22, 1856, at Brewer, Penobscot Co., Maine; was educated in common schools of Brewer, Family School for Boys at Gorham, Maine, and high school of Orono, Maine; took four years' course in agriculture at Maine State College (now University of Maine) and one year's post-graduate course in chemistry at same institution, receiving degree of B. S.; took a course in agriculture and veterinary science at Cornell University, receiving degree of B. V. S.; engaged in agriculture and practice of veterinary science in Brewer and Orono, Maine, and Detroit, Mich.; was inspector on New York State veterinary staff, organized under the direction of Gen. M. R. Patrick for stamping out contagious pleuro-pneumonia among cattle; was professor of agriculture in Delaware Agricultural College; on Sept. 8, 1881, was appointed veterinary inspector for U. S. Treasury Cattle Commission; on June 1, 1883, was appointed veterinary inspector for the port of New York and superintendent of cattle quarantine grounds at Garfield, Bergen Co., N. J.; entered the service of the Bureau at Washington, D. C., on Oct. 8, 1887, and performed the duties of first assistant to the Chief of the Bureau; on Aug. 17, 1893, was made Chief of Division of Field Investigations and Miscellaneous Work, and on July 1, 1896, Chief of Miscellaneous Division; on Jan. 1, 1899, was promoted to Chief of Inspection Division.

EDWARD BARTON JONES, Assistant Chief of Inspection Division, was born at Indianapolis, Ind., Aug. 15, 1866; was appointed to a position in the Statistical Division of the Department of Agriculture July 9, 1883; on April 2, 1887, was transferred to a clerkship in the Bureau of Animal Industry; was promoted to his present position Aug. 16, 1895; has attended the Columbian University and the National University Law School, Washington, D. C., receiving from the latter the degrees of LL. B. and LL. M.

HERMAN H. GERDES, Clerk, was appointed paymaster's clerk in the U. S. Navy Nov. 16, 1866, from New York City, and attached to duty with hydrographic party of U. S. Coast and Geodetic Survey sounding the several passes of the Mississippi River; resigned Nov. 20, 1867, on account of impaired health; again entered the service of the Coast and Geodetic Survey May 1, 1872, and joined hydrographic party taking soundings in the vicinity of New York Bay; was transferred to the computing division in the office of the Survey at Washington, March 1, 1873; resigned that position and entered the general service of the

U. S. Army July 7, 1877, as clerk in Adjutant General's office; was appointed clerk in the War Department Aug. 2, 1882, by transfer from general service; was appointed clerk in the Inspection Division of the Bureau of Animal Industry Nov. 28, 1892, by transfer from War Department.

MRS. FANNIE N. GREGORY, Clerk, of Pennsylvania, appointed April 19, 1894.

CARROL O. GOODPASTURE, Clerk, was born at Daleville, Ind., Oct. 13, 1864; received education at Central Normal College, Danville, Ind., and Butler University, Irvington, Ind.; in 1886-87 was employed as clerk in railway auditor's office at Indianapolis; from 1888 to 1894 was bookkeeper for private corporations at San Diego, Cal.; for three years following was chief accountant in office of Auditor of Peoria, Decatur & Evansville Railway at Evansville, Ind.; was appointed in the Bureau at Washington March 21, 1898, through civil-service examination; was stationed at Indianapolis for three months during the summer of that year and then returned to Washington; is now on furlough and attending American School of Osteopathy at Kirksville, Mo.

ILLIYD C. I. EVANS, Clerk, was born in Brecon, Wales, April 9, 1867; came to the United States in 1873 with his parents, who settled in Clay Co., Minn.; school facilities were meagre, and much of his early education was acquired by private study; in 1888 he attended the Humbolt High School at St. Paul; taught school during 1890 and 1891 in Norman Co., Minn.; learned stenography, type-writing and bookkeeping at Metropolitan Business College, St. Paul, and was president and valedictorian of his graduating class in 1893; was appointed as stenographer in the Bureau at Washington April 14, 1894, through civil-service examination; was married Dec. 25, 1894, to Miss Marie C. Sauer, of St. Paul.

MISS MARY G. MARSHALL, Clerk, of Maryland, appointed July 1, 1888.

CLAUDE F. MORRIS, Clerk, was born in Ralls Co., Mo., Jan. 10, 1869; attended common schools, and took business and normal course at Central Business College, Sedalia, Mo.; for two years was engaged in insurance business and as collector in company office, and for four years was bookkeeper and teller in Stockmen's National Bank, Fort Benton, Mont.; was appointed in the meat-inspection service at Kansas City, Dec. 5, 1898, after civil-service examination, and on July 1, 1899, was transferred to Washington.

BENJAMIN G. WASLON, Clerk, was born in Greene Co., N. C., Aug. 8, 1859; attended public and private schools; taught school one year in that State, then removed to Arkansas, where he taught seven years; in 1886 passed examination and received State teacher's certificate, valid for life; was appointed clerk in the War Department in May, 1890, after passing civil-service examination at top of list for his State; obtained transfer to office of Auditor for Postoffice Department in 1894; resigned in 1895; studied in Bliss School of Electricity one year, then returned to Arkansas; taught school there six months, in the meantime taking another civil-service examination, and was appointed in the Bureau Jan. 11, 1897.

THOMAS A. SCOTT, Clerk, was born in Cole Co., Mo., May 2, 1869; was reared on a farm in Vernon Co., Mo., and educated in the common schools of Missouri and the Kansas Normal College of Fort Scott, Kans., graduating in June, 1893; was appointed to a clerkship in the meat-inspection service at Kansas City, through civil-service examination, March 10, 1898, and on Sept. 15, 1900, was transferred to Washington; was married to Miss Myrtle L. McKibben, of Kansas City, Sept. 25, 1900.

FRANK RUSSELL FRAVEL, Clerk, was born Oct. 31, 1870, at Woodstock, Shenandoah Co., Va.; attended public schools; was assistant postmaster and railroad station agent at Fort Defiance, Va., and was afterwards employed as salesman and bookkeeper at Falls Church, Va.; was appointed tagger, Oct. 1, 1895, through civil-service examination, and stationed at Philadelphia; learned shorthand and

typewriting by night study; was transferred to Boston May 1, 1897, and to Washington Dec. 18, 1899, and on Jan. 1, 1900, was promoted to clerk, having passed examination for promotion.

ROYAL G. STEDMAN, Messenger, was born Sept. 25, 1876, at Owosso, Mich.; came to Washington, D. C., and for three years was in employ of Pope Manufacturing Co.; served in Spanish War as private in 1st D. C. Vols., from May 10 to Dec. 23, 1898; was in Cuba from July 10 to Aug. 23, and was on the firing line at time of surrender of Santiago, July 14; was appointed in the Bureau June 1, 1900.

#### PATHOLOGICAL DIVISION.

VICTOR A. NORGAARD, Chief of Pathological Division, was born at Copenhagen, Denmark, Nov. 14, 1868; was educated in preparatory and high schools (1874-1884) and Royal Veterinary and Agricultural College, Copenhagen, (1884-1889, nine semestres), receiving degree of V. S.; came to the United States in February, 1890; practised veterinary medicine first in Massachusetts and later in Wisconsin until appointed in the Bureau; took out first naturalization papers in Viroqua, Wis., in 1891, and became a citizen of the United States in Texas in 1896; was appointed inspector in the meat-inspection service at Chicago Aug. 1, 1891; shortly afterwards the now famous lumpy-jaw controversy between Nelson Morris and the Illinois Board of Live Stock Commissioners reached its climax, and having had previous experience with this disease the Doctor proceeded to demonstrate the efficacy of the iodide of potash treatment; on Feb. 1, 1893, was transferred to the Pathological Division in Washington; in June of the same year was ordered to Texas to investigate various outbreaks of diseases, and from there was sent to Nebraska with instructions to test various remedies for hog cholera; returned to Texas in July, 1894, and remained there experimenting with dipping of cattle for ticks; married Miss Lena Tyson, of Cuero, Texas, in April, 1895; returned to Washington and was made Chief of the Pathological Division Nov. 1, 1896; represented the Department of Agriculture at the Seventh International Veterinary Congress in Baden Baden, Germany, in August, 1899, at the same time visiting the principal pathological institutions of Europe; since then has attended, on behalf of the Bureau, the more important annual meetings of various live stock associations in the United States, and is a member of the sanitary committee of the National Live Stock Association.

JOHN R. MOHLER, Veterinary Inspector and First Assistant, was born at Philadelphia, Pa., May 9, 1875; attended Philadelphia Central High School four years, Temple College one year, veterinary department of University of Pennsylvania three years; holds degrees of A. B. and V. M. D.; engaged in veterinary practice at Philadelphia from June, 1896, until entering the Bureau service, Jan. 21, 1897, when he was appointed assistant inspector through civil-service examination and assigned to duty in the Texas fever quarantine work and Mexican inspection, being stationed at El Paso, Texas, and afterwards at San Diego, Cal.; was transferred to the meat-inspection service at Kansas City Sept. 7, 1897, and to Milwaukee a month later; while at the latter place took a special course of two years at the Milwaukee Medical College; on June 1, 1899, was transferred to Washington for scientific work in the laboratory of the Pathological Division, and on July 1, 1899, was promoted to his present position.

HERMAN A. CHRISTMANN, Veterinary Inspector, was born in Philadelphia, Pa., Nov. 29, 1874; attended the public schools of that city and the veterinary department of the University of Pennsylvania, graduating with degree of V. M. D.; was assistant demonstrator of veterinary anatomy at that university, and engaged in veterinary practice; was appointed assistant inspector in meat-inspection service Feb. 1, 1898, through civil-service examination, and stationed at Milwaukee; in December, 1899, transferred to Sioux City, Iowa, and on June 1, 1900, to the pathological laboratory at Washington; was promoted to his present position Sept. 1, 1900.

JOHN S. BUCKLEY, Veterinary Inspector, was born at Mt. Washington, Md., June 8, 1871; was educated in public schools and at Maryland Agricultural College and American Veterinary College of New York, receiving from the latter the degree of D. V. S.; practised veterinary medicine from April, 1896, until entering Bureau service on March 1, 1898, when he was appointed assistant inspector through civil-service examination and stationed at Kansas City in the meat-inspection service; on June 6, 1900, was transferred to the laboratory of the Pathological Division at Washington, and on Dec. 1, 1900, was promoted to his present position.

J. WILLIAM FINK, Assistant Inspector, was born in New York City, Jan. 19, 1877; attended public schools of that city and took three year course at the American Veterinary College, receiving degree of D. V. S.; served one year as assistant house surgeon at the college hospital under Dr. William J. Coates; received temporary appointment in the Bureau July 1, 1900, in the meat-inspection service at New York; passed civil-service examination and was regularly appointed Oct. 1, 1900; on Oct. 15, 1900, was transferred to Washington for laboratory work.

JAMES REVERDY STEWART, Laboratory Assistant, was born in Virginia on Sept. 29, 1873; early education was acquired in private schools in Virginia; took business course in Spencerian Business College and scientific course in Columbian University, Washington, D. C., receiving from the latter the degree of D. D. S.; on Feb. 10, 1890, was appointed in the Pathological Division of the Bureau as laborer doing general laboratory work; from July 1, 1895, to Feb. 1, 1900, was employed as assistant in applied zoology at Harvard University, and as assistant to pathologist of Massachusetts State Board of Health; was again appointed in the Bureau Feb. 15, 1900.

WILBUR R. BRANDENBURG, Clerk, was born at Washington, D. C., Dec. 17, 1877; received education in the graded and high schools of that city; for two years prior to entering service of the Bureau was employed as stenographer in the Department of Justice; was appointed in the Bureau May 1, 1900, through civil-service examination.

THOMAS B. REAMY, Laboratory Assistant, was born in Westmoreland Co., Va., Feb. 26, 1836; attended public and private schools, engaged in farming for many years, and resided in Stafford Co., Va., where he held offices of supervisor (several terms), justice of the peace, member of school board (fifteen years), and reassessor of lands; was appointed in the Bureau March 15, 1893.

P. D. ENCKE, M. D., Laboratory Assistant, of Minnesota, appointed July 18, 1900.

MISS FANNIE TYSON, Clerk, of Texas, appointed May 31, 1899.

MRS. LENA BRADFORD GOETZ, Clerk, was born at Baltimore, Md., Jan. 6, 1873; received education in the public schools; was appointed in the Bureau April 1, 1895, by transfer from the Division of Botany.

MISS ALICE HENDERSON, Clerk, was born at Society Hill, S. C., Feb. 24, 1871; graduated in class of 1890 from St. Mary's, Raleigh, N. C.; afterwards resided at Anniston, Ala.; was stenographer and typewriter in the Washington office of the U. S. Commission to the Paris Exposition of 1900; received appointment in the Bureau Feb. 26, 1900.

MISS VICTORINE E. JOHNSON, Clerk, of New York, appointed March 31, 1900.

MISS H. MARIA PATTON, Clerk, of West Virginia, appointed July 1, 1900.

GEORGE W. SCHEERER, Messenger, was born in Baltimore, Md., and received common school education; served in the U. S. Army in Co. A, 1st Md. Cav.; re-

sided at Logan, Ill., at time of entering Government service; was appointed in the Bureau July 2, 1895, by transfer from Seed Division.

ALFRED C. CASSELL, Laborer, of Washington, D. C., appointed July 19, 1900.

#### BIOCHEMIC DIVISION.

EMILE A. DE SCHWEINITZ, Chief of Biochemic Division, was born at Salem, N. C., in 1866; received education at Nazareth Hall (Pa.) high school, Moravian College (Bethlehem, Pa.), University of North Carolina, University of Virginia, University of Berlin, University of Gottingen, and Columbian University; holds degrees of Ph. D. (Univ. of N. C.), A. M., Ph. D. (Gottingen), and M. D. (Columbian); received appointment in the Bureau as Chemist, Jan. 1, 1890, and was made Chief of the Biochemic Division upon its organization; is a member of the following scientific societies: *American*—Washington Biological; Washington Entomological; Washington Section, American Chemical (president 1897); American Bacteriological; Medical Society, District of Columbia; American Medical Association; American Public Health Association; Washington Academy of Sciences, etc.; *Foreign*—German Chemical Society; International Applied Chemical and Biological Society; French Society of Pure Chemistry; has received the following scientific commissions: U. S. Delegate to IV Tuberculosis Congress, Paris, 1898 (vice-president); Tuberculosis Congress, Berlin, 1899 (vice-president); International Medical Congress, 1900 (vice-president); International Congress of Hygiene, Paris, 1900; is professor and dean of the Medical School of Columbian University, and professor in Columbian University Graduate School.

F. MARION DORSET, First Assistant in Biochemic Division, was born Dec. 14, 1872, at Columbia, Tenn.; after going through high school took literary and scientific course in University of Tennessee, with special attention to biological science, receiving degree of B. S.; then attended University of Pennsylvania and commenced study of medicine, which he afterwards finished at Columbian University, Washington, with degree of M. D.; entered the service of the Bureau Aug. 1, 1894; was demonstrator of pathology in Columbian University, 1897-99 and bacteriologist to the Emergency Hospital, Washington, D. C., in 1898; is a member of the American Chemical Society, the Society of American Bacteriologists, the American Public Health Association, and the Biological Society of Washington.

JAMES ARMITAGE EMERY, Assistant in Biochemic Division was born at Baltimore, Md., Aug. 26, 1867; attended private and public schools, and studied three years at Johns Hopkins University, taking a special course in chemistry; was appointed in the Bureau Nov. 9, 1891.

ERNEST W. BROWN, Expert Assistant, of Connecticut, appointed Oct. 12, 1900.

MISS NELLIE F. HAUGHTON, Clerk, was born at Fish Creek, La Crosse Co., Wis., received education in public schools, private schools and business college; was first appointed in the Bureau July 10, 1891, as assistant microscopist in the meat-inspection service at Chicago; on Dec. 9, 1897, was promoted to clerk and transferred to Washington, having passed examination for such promotion.

GEORGE M. RUFFIN, Laboratory Assistant, of North Carolina, appointed May 26, 1898.

WILLIAM S. STAMPER, Laboratory Assistant, was born in Wythe Co., Va., April 11, 1868; acquired education in common schools and by night study; has been employed in various ways, such as farming, clerk in store, etc.; was appointed in the Bureau from Bristol, Va., May 5, 1894; since coming to Washington has taken law course at Columbian University, receiving degrees of LL. B. and LL. M.

B. B. BAGBY, Laboratory Assistant, of Virginia, appointed April 14, 1900



L. SIEWERS, Laboratory Assistant, of North Carolina, appointed Sept. 29, 1899.

WILLIAM C. SHIMONECK, Messenger, was born in the city of Melnic, Bohemia, Austria, June 19, 1835; was educated in Austrian military school, receiving military degree at age of 18; also attended musical academy at Nebudzel, Bohemia; came to the United States with his father in 1854 and settled in Manitowoc, Wis.; served in the U. S. Army from 1860 to 1864 as chief musician, 3d Regt., U. S. Inf.; received appointment in the Bureau April 7, 1890; was out of the service and engaged in real estate business from Jan. 1 1894, until May 1, 1897, when he was reinstated.

WILLIAM ALEXANDER, Messenger, of the District of Columbia, was appointed July 1, 1884, about the time of the organization of the Bureau; was out of the service from June 30, 1893, until July 1, 1898, when he was reappointed.

#### DIVISION OF ZOOLOGY.

CHARLES WARDELL STILES, Zoologist, was born at Spring Valley, N. Y., May 15, 1867; received education in Hartford (Conn.) public high school, Wesleyan University (Middletown, Conn.), Berlin University, Leipzig University, Austrian Zoological Station (Trieste), College de France, and L'Institut Pasteur (Paris); received degrees of A. M. and Ph. D. at Leipzig and honorary degree of M. S. from Wesleyan; was appointed in the Bureau June 5, 1891; from March, 1898, to December, 1899, was detailed as agricultural and scientific attache to U. S. Embassy at Berlin; has membership in the following scientific societies: *American*—Washington Biological (vice-president 1898-1900); Washington Entomological (vice-president 1893); Washington Academy of Sciences; Medical Society, District of Columbia; American Morphological; American Naturalists; *Foreign*—Zoological Society of France (councillor 1893); Biological Society of France, French Academy of Medicine; German Zoological Society; has received the following scientific commissions; Member of International Commission on Zoological Nomenclature (secretary since 1898); secretary of advisory committee on Smithsonian Table at Naples Zoological Station; U. S. Government delegate to International Zoological Congresses at Leyden (1895) and Cambridge (1898); Honorary Curator of Helminthology, U. S. National Museum; is professor of medical zoology in Georgetown University, and special lecturer on medical zoology at Johns Hopkins University and U. S. Army Medical School.

ALBERT HASSALL, M. R. C. V. S., Veterinary Inspector and Assistant Zoologist, was appointed May 24, 1887, and stationed at Baltimore; on March 7, 1891, was transferred to Washington and assigned to duty in the zoological laboratory.

MISS LOUISE TAYLER, Scientific Assistant, of Youngstown, Ohio, received education and scientific training in Washington (D. C.) High School; Wellesley College; Marine Biological Laboratory, Woods Holl, Mass.; Carnegie Laboratory, New York City; Columbian University, and Johns Hopkins University; holds degrees of A. B. (Wellesley, 1896) and M. S. (Columbian, 1898); was appointed in the Pathological Division of the Bureau, April 8, 1897, afterwards passing civil-service examination and receiving regular appointment; was given leave of absence from Sept. 30, 1899, to Aug. 14, 1900, and on her return was assigned to duty in the Zoological Laboratory; has membership in the following societies: Washington Biological, National Geographic, Association of Collegiate Alumni.

MISS EUNICE R. OBERLY (A. B., Vassar, 1900), Clerk, appointed Aug. 25, 1900

#### DAIRY DIVISION.

HENRY ELLIAH ALVORD, Chief of Dairy Division, was born at Greenfield, Mass., March 11, 1844; received common school education in that State; attended Norwich University and graduated with degrees of B. S. and C. E., later receiving the honorary degree of LL. D. "for long and meritorious services in promoting

research and instruction for the benefit of agriculture;" during Civil War enlisted in 1862 as private in 7th squadron, R. I. Cav.; afterwards served in 2d Regt., Mass. Vol. Cav., advancing from second lieutenant to major; from close of war to 1872 served as captain of cavalry in U. S. Army; in 1872-73 acted as Special Indian Commissioner under Interior Department; for following eight years was instructor in scientific department of Williston Seminary at Easthampton, Mass.; from 1880 to 1885 was general manager of Houghton Farm, New York; afterwards became professor of agriculture in Massachusetts Agricultural College and in New Hampshire College, and from 1887 to 1892 was president of Maryland Agricultural College and director of Experiment Station; was organizer of cooperative creameries in New York and New England, 1879-83, and from 1885 to 1887 was in the service of the Bureau as agent for the New England and Middle States and with special reference to dairy cattle; has been connected with numerous agricultural organizations, as follows: Director, New York State Agricultural Society, 1881-85; president, National Cattle Growers' Convention, Chicago, 1884; director, American Jersey Cattle Club, 1884-1900; president, Society for Promotion of Agricultural Science, 1885; chairman of executive committee, Association of American Agricultural Colleges and Experiment Stations, 1887-1894; president of same, 1894-95; vice-president, International Agricultural Congress and International Congress on Rational Feeding of Live Stock; member of International Jury, and vice-president for Class 40, Universal Exposition, Paris, 1900; member of International Agricultural Commission, 1900-1901; was appointed Chief of the Dairy Division on its establishment, July 1, 1895, and in 1900 was sent as representative of the Bureau in charge of exhibit at Paris Exposition.

RAYMOND ALLEN PEARSON, Assistant Chief of Dairy Division, was born at Evansville, Ind., April 9, 1873; was educated in private and public schools and at Cornell University, where he took a course in agriculture with special attention to dairying and allied subjects; received from Cornell the degree of B. S. in 1894 and that of M. S. in 1899; was instructor in Cornell University dairy school for one term; for two years was engaged in the production and sale of milk in Philadelphia, Pa.; has had charge of creameries for short periods; is a member of the American Association for the Advancement of Science; received appointment to his present position in the Bureau on Sept. 1, 1895, through civil service examination.

MCPHERSON REYNOLDS, Clerk, was born March 16, 1870, in Carroll Co., Mo., where he lived till 1883; attended common school, and normal and commercial colleges in Kansas; for two years was employed as stenographer in superintendent's office of A. T. & S. F. Railroad Co.; in 1893 removed to Chicago, and during several years' stay there was employed with the Chicago Times, principally as stenographer and manager of subscription and correspondence department of weekly edition, and as stenographer with D. M. Osborne & Co. and Morgan & Wright; was appointed in the Bureau as clerk and stenographer Feb. 17, 1897, after civil-service examination.

MRS. MARTHA H. MAHON, Clerk, of Indiana, appointed July 1, 1895.

MISS MARY E. FAGAN, Clerk, of Illinois, appointed Aug. 8, 1894.

MISS MARY C. MONTGOMERY, Clerk, of California, appointed July 1 1898.

ASA H. KITE, Messenger, was born in Champaign Co., Ohio, June 15, 1844; received common school education; served in the Civil War as corporal in Co. E, 113th Ohio Vol. Inf., and was wounded in the battle of Chickamauga, Sept. 20, 1863; graduated from school of telegraphy at Sidney, Ohio, and was employed for fifteen years in railroad office work including telegraphing; was appointed in the Bureau Jan. 1, 1894.

#### MISCELLANEOUS DIVISION.

RICHARD W. HICKMAN, Chief of Miscellaneous Division, was born at Cape May, N. J., Feb. 16, 1852; attended public schools and Pennington (N. J.) Seminary;

graduated from Philadelphia College of Pharmacy in 1871 with degree of Ph. G. was employed as clerk in pharmacy at Holmesburg (Philadelphia) until latter part of 1874, when he purchased a drug store in Trenton, N. J.; two years later moved back to Philadelphia and opened a pharmacy at Bustleton, a suburb of that city, where he continued the drug business until the summer of 1888; in 1883-84 read medicine with Dr. George Byers, a practising physician; entered the veterinary department of the University of Pennsylvania upon its opening, and on June 15, 1887, graduated with the first class from that department, receiving degree of V. M. D.; in his third year at that school was appointed demonstrator of anatomy; practised veterinary medicine in connection with pharmacy during 1887-88; was appointed in the Bureau service at Philadelphia March 31, 1888; the following December was transferred to New York, where he was actively engaged in the work of eradicating contagious pleuro-pneumonia in the counties of Orange, Kings and Queens until November, 1890, when he was ordered to Chicago to inaugurate the inspection of cattle for export; remained in charge of this work, together with the meat-inspection work, which was begun the following spring, until May 1, 1892, when he was transferred back to New York and placed in charge of meat inspection there; in 1894 was appointed to the chair of cattle pathology in the New York College of Veterinary Surgeons, and on the amalgamation of the two New York veterinary schools with the New York University in 1899 was appointed professor of cattle pathology and meat inspection and a member of the governing faculty, holding these appointments in addition to performing his official duties in the Bureau; on Nov. 20, 1900, was transferred to Washington and promoted to his present position.

ANDREW J. OLIN, Clerk, was born Oct. 24, 1866, in Sweden; came to the United States in 1882 and located at New Ulm, Minn.; attended common schools at that place and took a two years' course at Curtiss Commercial College, Minneapolis. was employed for two years with S. D. Peterson Implement Co., New Ulm, as bookkeeper and cashier; came to Washington as private secretary to Hon. John Lind, M. C. (afterwards Governor of Minnesota), and occupied this position for two years; was appointed in the Bureau March 23, 1891, through civil-service examination; took English course at the Columbian University, Washington, D. C., and studied law at National Law School, of Washington, graduating in 1897 with degree of LL. M.

MISS MARY SULLIVAN, Clerk, of Washington, D. C., appointed Oct. 1, 1885.

MISS EVELYN LYONS, Clerk, of Maryland, appointed July 1, 1898.

MRS. MARY T. DENT, Clerk, of the District of Columbia, appointed April 2, 1887.

CHARLES C. CARROLL, Clerk, was born in Ohio, July 17, 1865; was educated in public schools and at Mt. Union College, Alliance, Ohio, and Boston University, Boston, Mass.; received degrees of A. B. and A. M. from Mt. Union College; for seven years was engaged in newspaper business; was appointed in the Bureau on July 7, 1899, through civil-service examination.

EDWIN J. NEWMYER, Clerk, was born at Love Lake, Mo., Sept. 22, 1874; received education in common schools and business college; was a drug clerk about one year, and for six years was in service of A. T. & S. F. Railway as clerk and time-keeper; was appointed Feb. 21, 1900, through civil-service examination, and stationed at South St. Joseph, Mo., and on Oct. 4, 1900, was transferred to Washington.

#### OTHER EMPLOYEES.

COLMAN BRZ, Expert Repairer of Instruments, was born at Vilkomir, State of Kovno, Russia, in 1863; received a common school education in that country; came to the United States in 1881, and has since resided in Philadelphia and Washington, engaging in the manufacture and sale of dental instruments and cutlery; was appointed in the Bureau Aug. 12, 1897, after civil-service examination; during the Spanish War was detailed to the Navy Yard for a short time.

ROBERT E. L. THOMPSON, Carpenter, was born in Fairfax Co., Va., July 27, 1868; was educated in public schools of that State; for some time previous to connec-

tion with Bureau was employed as carpenter in Washington, D. C., was appointed in the Bureau Nov. 1, 1898, and has charge of the Bureau carpenter shop.

EDWARD J. MALOY, Storekeeper, was born at Boston, Mass., Nov. 27, 1850; in 1856 his parents moved west and settled in Ohio; left school at ten years of age to work for his living, as his father went to war; received appointment to a position in the Department of Agriculture from Dennison, Ohio, and on Nov. 1, 1896, was appointed messenger in the Bureau by transfer from the folding room; was promoted to his present position July 1, 1900.

STEPHEN D. CASTLEMAN, Fireman in Laboratory building, of Washington, D. C. appointed Aug. 28, 1899.

A. H. HOLLIDGE, Assistant in carpenter shop, of Washington, D. C., appointed March 17, 1900.

#### *Charwomen.*

MRS. IDA HENDLEY, of Washington, D. C., appointed Oct. 16, 1896.

MRS. KATE WASSON, of Washington, D. C., appointed Aug. 24, 1899

MRS. ANNIE E. PHILLIPS, of Washington, D. C., appointed July 30, 1900.

LOUISE DOUGLASS, of Washington, D. C., appointed May 20, 1897

JENNIE JONES, of Virginia, appointed Nov. 6, 1891.

#### EXPERIMENT STATION, BETHESDA, MD.

ERNEST C. SCHROEDER, Superintendent, was born at Baltimore, Md., April 3, 1865; attended the public schools of that city and the Baltimore City College; studied scientific agriculture at the Maryland Agricultural College, and received the degree of M. D. V. from Harvard University in the year 1887; was appointed an inspector in connection with the contagious pleuro-pneumonia work of the Bureau on Aug. 15, 1887; served in that capacity until Jan. 1, 1890, when he was transferred to the laboratory of pathology and bacteriology, in which he served during four and a half years as an assistant and field agent; on July 1, 1894, was appointed Superintendent of the Bureau Experiment Station, which position he fills at the present time. Among the more important results accomplished during his superintendence of the station are its removal from leased quarters, which were too small to accommodate the constantly increasing amount of work, to its present site, which is larger and more favorably located, and the purchase of this site by the Government, which gives the station a permanent home.

WILLIAM EDWIN COTTON, Assistant Superintendent, was born at Oskaloosa, Iowa, Sept. 17, 1866; was educated in the public schools of Iowa, and has also taken a course in chemistry and physics at Columbian University, Washington, D. C.; for some years engaged in school teaching, farming and stock-raising in Iowa; was appointed in the Bureau Sept. 22, 1893; has given much time to the study of animal diseases in general, and infectious diseases in particular.

WILLIAM EMERSON, Clerk, was born in Brooklyn, N. Y., July 31, 1839; received common school education; during Civil War was private in 1st Mass. Vol. Inf., and captain in 35th U. S. Col. Inf., and spent four and a half years in the service; has been employed as general accountant during twenty years past, and for a time was in the service of the Treasury Department and in the customs service at Boston; was appointed in the Bureau Feb. 17, 1899, through civil-service examination; is a member of the Loyal Legion and the G. A. R.

GEORGE WESLEY BRETT, Assistant, was born at Jamaica Plain, Mass., Sept. 14, 1873; received education in Boston public schools, and was employed in mercantile business in that city; was appointed in the Bureau April 16, 1895.

*Other Employees at the Experiment Station*

NAME AND POSITION.	State from which Appointed.		Date of Appointment
Taylor Trice.	Messenger.	Va.	Aug. 1, 1894
John Richards.	Laborer.	D. C.	Aug. 28, 1895
Herbert Henderson.	"	D. C.	Mar. 24, 1898
J. A. Moxley.	"	D. C.	July 1, 1898
H. E. Suit.	"	D. C.	July 1, 1898
J. W. Stewart.	"	N. C.	July 1, 1898
E. F. Beckwith.	"	Md.	Jan. 18, 1899
Fritz Voigt.	"	D. C.	June 27, 1899
James Branch	"	D. C.	July 15, 1899
W. R. Poore.	"	D. C.	July 24, 1899
William T. Pugh.	"	Md.	Aug. 5, 1899
John Fletcher.	"	D. C.	Aug. 29, 1899
Henry B. Myers.	"	Iowa.	Sept. 19, 1899
James P. Birch.	"	D. C.	Jan. 26, 1900
John Warren.	"	Md.	April 5, 1900
W. J. Mahaney.	"	D. C.	April 23, 1900
William H. Pyles.	"	Md.	April 26, 1900
Geo. M. Stadtler.	"	Md.	July 18, 1900
Lewis A. Pyle.	"	Md.	July 27, 1900
John W. Shipley.	"	D. C.	Aug. 7, 1900
Frank Mathews.	"	Md.	Sept. 20, 1900

GREAT BRITAIN

WILLIAM HAMPTON WRAY, Inspector in charge in Great Britain, was born at Rahway, N. J., Jan. 7, 1854; received general education in public schools of New York City, Friends' Seminary of New Jersey, and business college in New York City; attended American Veterinary College and graduated with degree of D. V. S.; in 1878-79 was inspector on New York State veterinary staff engaged in extirpation of contagious pleuro-pneumonia of cattle, under Gen. M. R. Patrick; engaged in extensive private practice at Yonkers, N. Y., doing a great deal for the American Jersey Cattle Club; was appointed inspector in the Bureau July 16, 1884, and directed to make an inspection of herds in Westchester Co., N. Y., with a view to the eradication of contagious pleuro-pneumonia; in August, 1885, was stationed at Cynthiana, Ky., for the purpose of inspecting and holding in quarantine several herds that were affected with that disease, and in eleven months succeeded in eradicating every vestige of the disease; on Sept. 16, 1886, was commissioned as chief of the Bureau staff of inspectors in the State of Maryland; on Aug. 16, 1887, was placed in charge of the Bureau work in New York City and State; left the service of the Bureau to accept the position of State Veterinarian of Maryland, March 5, 1888, which position he held until July 15, 1890, when he resigned to accept appointment in the Bureau to his present station at London.

JAMES F. RYDER, Veterinary Inspector at Liverpool, England, was born at Jamaica, N. Y., Feb. 6, 1862; received education at Jamaica high school and Union Hall Academy, Jamaica, N. Y., and American Veterinary College, New York City, receiving from the last-named institution the degree of D. V. S., class of 1883, engaged in active veterinary practice in Jamaica, N. Y., two years, and at Kingston, N. Y., five years; was appointed in the Bureau April 17, 1888, and assigned for duty at Baltimore, Md., July 14, 1890, transferred to Glasgow, Scotland, April 1, 1892, and transferred to his present station at Liverpool and placed in charge of the work at that port, 1898; has taken two years' instruction in bacteriology and practical pathology under Prof. Boyce, Thompson-Yates Laboratories, University College, Liverpool.

TOOIE ALEXANDER GEDDES, Inspector, was born at Vinton, Iowa, Oct. 26, 1869; attended Vinton high school, Tilford's Academy at Vinton (three years), and veterinary department of Iowa Agricultural College, Ames, Iowa, from which he graduated with degree of D. V. M.; engaged in practice at Ames and also served as assistant State veterinarian of Iowa; was appointed assistant inspector in the Bureau at Chicago, through civil-service examination, Dec. 1, 1894; was transferred to Ottumwa, Iowa, and placed in charge, April 1, 1895; promoted to inspector July 1, 1895; transferred to Davenport, Iowa, in charge, Aug. 11, 1896; detailed to investigate contagious diseases of animals in several States, May 25, 1897; placed in charge of inspection at Memphis, Tenn., Aug. 28, 1897, and the following month was transferred to Nashville; on April 1, 1898, was detailed for field work in Tennessee in connection with the cattle quarantine in cooperation with State authorities; on Jan. 1, 1899, was promoted to Chief of the Miscellaneous Division of the Bureau at Washington, and on Nov. 6, 1900, was sent to Great Britain as inspector of breeding stock intended for exportation to the United States, with headquarters at London.

## INSPECTION SERVICE

### CHICAGO, ILL.

O. E. DYSON, Inspector in charge, was born at Rushville, Ill., Aug. 28, 1865; attended public schools, and afterwards acquired veterinary education at the Chicago Veterinary College, receiving degree of D. V. S.; engaged in general practice of his profession from March, 1891, until the time of entering the Bureau service, July 17, 1893; for some years was first assistant to the inspector in charge at Chicago, and on May 15, 1900, was placed in charge of the Bureau work at that city.

U. G. HOUCK, Inspector, was born in Luzerne Co., Pa., Jan. 2, 1866; studied at Bloomsburg (Pa.) State Normal School, and took Latin scientific course at Dickinson Seminary, graduating from latter in 1889 with degree of B. S.; graduated from veterinary department of University of Pennsylvania in 1895 with degree of V. M. D.; began life on a farm; commenced teaching at seventeen years of age; acted as resident surgeon at veterinary hospital of University of Pennsylvania, and was employed by the State in 1896 under State Veterinarian Pearson to do special work; was appointed as assistant inspector at Chicago, Sept. 15, 1896, through civil-service examination; transferred to Sioux City, Jan. 28, 1898; promoted to inspector and sent to Boston, March 10, 1899; detailed as traveling inspector, Aug. 19, 1899, and subsequently stationed at Chicago.

MORRIS WOODEN, Inspector, was born at Piedmont, W. Va., Sept. 23, 1869; primary education was received in public schools of Maryland; afterwards attended Dickinson College, Carlisle, Pa., four years, graduating with degree of Ph. B., and took a course at the National Veterinary College, Washington, D. C., receiving degree of D. V. S.; previous to entering the Government service was engaged in the practice of veterinary medicine; was appointed from Hampstead, Md., through civil-service examination, Sept. 16, 1895, as assistant inspector, and stationed at Chicago; was transferred in succession to Indianapolis, Boston, and back to Chicago, and promoted to inspector April 1, 1898; is now in charge of the force of microscopists at Chicago.

O. J. LAMIGAN, Inspector, was born at Streator, Ill., Nov. 29, 1863; attended the common schools of Streator, the high school of Streator for three years, and the Chicago Veterinary College for two years; received degree of D. V. S.; spent five years in veterinary practice; was appointed in the Bureau Dec. 26, 1893.

S. WALKER BURT, Inspector, was born at Simcoe, Ontario, Canada, July 16, 1856; received early education at Port Dover (Ontario) high school; attended Ontario Veterinary College, graduating with degree of V. S.; practised his profession eight years in Auburn, N. Y., and about two years in Chicago; received appointment in the Bureau June 6, 1892.

ERNEST L. SIGGINS, Inspector, was born in Pennsylvania July 25, 1853; was educated at Collegiate Institute, Randolph, N. Y., Mount Union College, Alliance, Ohio, and Medical College, Cincinnati, Ohio, receiving from the latter the degree of M. D.; was engaged in the practice of medicine from 1877 to 1893; was examiner for pensions in 1885; appointed from South Omaha, Neb., as microscopist, May 1, 1893, and transferred to Chicago Nov. 18, 1895.

JOSEPH B. CLANCY, Inspector, was born in Dracut, Mass., Oct. 16, 1866; received early education in public schools of Chicago, and attended Chicago Veterinary College from 1890 to 1892, receiving degree of D. V. S.; practised his profession in Chicago; was appointed in the Bureau Aug. 15, 1893; for past three years has been secretary of the Chicago Veterinary Society.

ADOLPH M. CASPER, Inspector, was born at Milwaukee, Wis., May 7, 1870; was educated in parochial school, Marquette College, St. Francis Seminary, Charles Mayer's Commercial College, McGill University, and Chicago Veterinary College, holds the degree of M. D. C.; was appointed Jan. 15, 1894, at Milwaukee, and transferred to Chicago Aug. 5, 1896.

J. G. FISH, Inspector, was born Oct. 21, 1868, in Canada, and attended schools in that country; went to Chicago Veterinary College, from which he received degree of D. V. S.; practised veterinary medicine previous to entering the service of the Bureau, and was appointed Oct. 1, 1893.

JAMES FLEMING, Inspector, was born in Guelph, Ontario, Canada, Sept. 10, 1866; attended Ontario Veterinary College, graduating with degree of V. S.; engaged in general veterinary practice; was appointed in the Bureau from Omaha, Nebr., Jan. 1, 1896, through civil-service examination, as assistant inspector; was promoted to inspector Oct. 1, 1899.

WILLIAM A. BRUETTE, Inspector, was born and reared in Wisconsin; is a graduate of Chicago Veterinary College, holding degree of M. D. C.; was appointed assistant inspector at Chicago May 1, 1892, and on July 1 1896, was promoted to his present grade.

ONESIMUS G. ATHERTON, Inspector, was born at Maysville, Ky., April 13, 1846; served in U. S. Army from 1861 to 1865 as private in Co. A, 40th Kentucky Infantry; was postmaster in McLean Co., Ill., from 1890 to 1893; attended Kansas City Veterinary College and graduated in class of 1893 with degree of D. V. S.; was demonstrator of anatomy in said college in 1894 and 1895; in 1896 was captain of Veteran Co. E, Kansas National Guard; was appointed Nov. 10, 1896, through civil-service examination, as assistant inspector at Chicago; was promoted to inspector Feb. 1, 1900; during October and November, 1900, was detailed for sheep inspection in Oregon, returning to meat inspection service in Chicago Nov. 1.

FRANK L. DE WOLF, Inspector, was born at Belvidere, Ill., April 22, 1862; attended high school at Genoa, Ill., graduating in 1883; is also a graduate of Chicago Veterinary College with degree of D. V. S. (1889), and of Kansas City Homœopathic and Medical College with degree of M. D. (1892); has been a farmer and a public school teacher; was president of the Kansas City Veterinary College from 1891 to 1895; practised medicine from 1892 to 1895 in Kansas City, Mo., and Girard, Kans.; was first in the Bureau service from Oct. 1, 1892, to April 17, 1893, at Kansas City; was reappointed through civil-service examination, Sept. 1, 1895, and stationed at National Stock Yards, Ill.; was transferred to Chicago Aug. 23, 1899.

HIRAM W. HAWLEY, Inspector, was born at Shopiere, Rock Co., Wis., March 22, 1862; attended high school at Janesville, Wis.; graduated from Chicago Veterinary College with degree of D. V. S., and was assistant to the chair of anatomy in that institution during 1891 and 1892; engaged in general practice for three years; was appointed assistant inspector at National Stock Yards, Ill., Nov. 1, 1895, and the following month was transferred to Chicago; was promoted to inspector June 2, 1900.

FRANK B. McCALL, Inspector, was born at Green Lake Prairie, Wis., Aug. 18, 1861; technical education was received in the veterinary department of Iowa State College at Ames, Harvey Medical College of Chicago, Chicago School of Physicians and Surgeons, and Klebs Laboratory of Pathology and Bacteriology; has degrees of D. V. M. (Iowa), and M. D. (Harvey); professional experience previous to appointment was in teaching public school and in three years of veterinary practice at Nevada, Iowa; was appointed assistant inspector Nov. 10, 1896, and promoted to inspector Sept. 15, 1900.

FRANK S. TUFTS, Inspector, was born at Wilton Junction, Iowa, Oct. 16, 1871; was graduated from the veterinary department of the Iowa State College in 1893; appointed from Wilton Junction as assistant inspector through civil-service examination, April 15, 1897, and stationed at Milwaukee; was transferred to Chicago, Jan. 31, 1898, and promoted to inspector Dec. 1, 1900; took degree of M. D. at Harvey Medical College, Chicago, in 1900.

WILLIAM C. SIEGMUND, Inspector, was born in Baltimore, Md., April 27, 1873; received English and German education at Zion School of Baltimore; also attended Baltimore Polytechnical Institute; engaged in manufacture of surgical appliances; took course at American Veterinary College, New York, receiving degree of D. V. S., and for one year was resident surgeon at the hospital of that college; spent three years in veterinary practice in Baltimore; received instruction in comparative pathology under Drs. Welch and Stokes, of Baltimore, and after appointment, under Dr. Klebs in Chicago; was appointed assistant inspector at Chicago Jan. 17, 1898, after civil-service examination; during summer and fall of 1900 was detailed for sheep inspection in the far west; returned to Chicago and was promoted to inspector.

HERMAN BUSMAN, Assistant Inspector, was born at Coopersville, Mich., Oct. 21, 1869; his education was received in the common and high schools and the Ontario Veterinary College, receiving from the latter the degree of V. S.; engaged in farming for a time, and practised veterinary medicine three years prior to his appointment; was appointed Feb. 23, 1898, through civil-service examination.

JAMES G. HOPE, Assistant Inspector, of Illinois, is a graduate of Chicago Veterinary College and American Veterinary College, holding degrees of M. D. C. and D. V. S.; received appointment March 4, 1898, through civil-service examination.

ALBERT E. RISHIEL, Assistant Inspector, was born at Mendon, Mich., May 25, 1865; was educated in common school, Vicksburg (Mich.) high school, Ontario Veterinary College and Chicago Veterinary College, graduating from the latter in March, 1889, with degree of D. V. S.; practised his profession from that time until he was appointed in the Bureau, March 4, 1898, through civil-service examination.

GEORGE A. LYTLE, Assistant Inspector, was born at Palatine, Ill., Oct. 24, 1871; attended high school at Palatine three years and the Chicago Veterinary College two years, receiving from the latter the degree of M. D. C.; was engaged three years in the practice of veterinary medicine previous to entering the Government service; was appointed from Barrington, Ill., through civil-service examination, April 1, 1898.

WILLARD A. SAVAGE, Assistant Inspector, was born on a farm in Will Co., Ill., Sept. 14, 1872, and engaged in farming and stock raising from boyhood; served as Columbian guard during World's Fair at Chicago in 1893; graduated from Chicago Veterinary College in 1895 with degree of M. D. C., and practised veterinary medicine until entering the Bureau; was appointed from Joliet, Ill., through civil-service examination, April 1, 1898, and stationed at South Omaha; transferred to Fremont, Nebr., Dec. 1, 1899, and to Chicago June 15, 1900.

WILLIAM HENRY SMITH, JR., Assistant Inspector, was born Sept. 6, 1871, at Philadelphia, Pa.; took preparatory course at Rugby Academy, Philadelphia, and veterinary course at University of Pennsylvania, receiving degree of V. M. D.;



for a time was connected with the business department of the Philadelphia Record; also engaged in veterinary practice; received appointment April 1, 1898, through civil-service examination.

GEORGE JOHNSON, Assistant Inspector, was born in Hawick, Scotland, April 18, 1869; received education in high school at Franklin, Pa., Ontario Veterinary College (V. S., 1890), National Veterinary College (D. V. S., 1895), medical department of Columbian University, Washington, D. C., and Harvey Medical College, Chicago (M. D., 1900); was appointed from Pennsylvania, through civil-service examination, July 20, 1898.

MICHAEL T. NAUGHTON, Assistant Inspector, was born in St. Paul, Minn., Nov. 5, 1867; attended public schools of Duluth; commercial department of St. John's University, graduating with degree of "master of accounts"; Chicago Veterinary College, receiving degree of M. D. C., and medical department of the State University of Illinois, graduating in 1894 with degree of M. D.; was appointed through civil-service examination Aug. 5, 1898, and stationed at National Stock Yards, Ill.; was transferred to Chicago, March 23, 1899.

CHARLES W. JOHNSON, Assistant Inspector, was born in Barrington township, Cook Co., Ill., July 3, 1856; was reared in a country town and on a farm, and attended public schools; married and removed to Nebraska, but returned to Illinois and was employed as an assistant pharmacist three years; went to Chicago Veterinary College and received degree of D. V. S.; practised veterinary medicine eleven years; was assistant postmaster three years at Elburn, Ill.; was appointed in the Bureau, through civil-service examination, Aug. 18, 1898, for service at South Omaha, Nebr.; transferred to Chicago Jan. 25, 1900.

ELI L. BERTRAM, Assistant Inspector, was born in Berks Co., Pa., March 29, 1874; professional education was acquired in the Ontario Veterinary College, receiving therefrom the degree of V. S.; practised veterinary medicine about two years previous to entering the Government service; was appointed from Elizabethville, Pa., through civil-service examination, Feb. 23, 1899.

HENRY WRIGHT ILLSTON, Assistant Inspector, was born in Ithaca, N. Y., Feb. 16, 1874; attended high school and New York State Veterinary College at Cornell University, receiving from the latter the degree of D. V. M.; was appointed from Ithaca, N. Y., Jan. 3, 1900, after civil-service examination.

BURTON RAY ROGERS, Assistant Inspector, was born in Polk City, Iowa, Nov. 1, 1879; graduated from veterinary department of Iowa State College with first honors and degree of D. V. M., and received credit of three years' work leading to degree of B. S.; took second honors in post-graduate course at McKillip Veterinary College, 1900; was instructor in meat inspection and surgery at Iowa State College in spring of 1900; received appointment in the Bureau at South Omaha, June 1, 1900, after passing civil-service examination; was transferred to Washington for work in pathological laboratory Oct. 22, 1900, and to Chicago Dec. 1, 1900.

EDWARD K. WARD, Assistant Inspector, was born at Guilford, Ind., Aug. 6, 1864, graduated from Ontario Veterinary College in 1895 with degree of V. S.; received appointment in the Bureau from Manchester, Ind., on June 1, 1900, through civil-service examination.

WILLIS I. DILLINGHAM, Assistant Inspector, was born at Lebanon, Maine, Sept. 9, 1868; attended the common schools at Lebanon and high school at Berwick, Maine; was graduated from the school of veterinary medicine of Harvard University in 1899, receiving the degree of M. D. V.; for several years was employed in the rug and carpet business; was appointed from Boston, Mass., through civil-service examination, June 15, 1900.

JOHN T. KENNEDY, Assistant Inspector, was born Nov. 30, 1866, in Canada; attended common schools and the Ontario Veterinary College, graduating from the

latter in 1888 with degree of V. S.; engaged in veterinary practice at West Union, Iowa, for six years and afterwards at St. Paul, Minn., until appointed to the Government service; was appointed June 25, 1900, through civil-service examination.

JOHN J. MURRAY, Assistant Inspector, was born in New York City, Feb. 6, 1867; received his education in grammar school in that city, Packard's Business College, and the American Veterinary College, graduating from the latter in 1897 with degree of D. V. S.; was for a time in the employ of a firm of bankers and brokers on Wall Street; entered the Bureau from New York City, through civil-service examination, Aug. 23, 1900.

WARNER W. WORCESTER, Assistant Inspector, was born at Oberlin, Ohio, June 23, 1873; attended public schools and business college at Oberlin, and took veterinary course at Ohio State University, receiving degree of V. S.; served in the Spanish War as veterinary surgeon in Battery H, 1st Regt., Ohio Vol. L. A.; was appointed in the Bureau Sept. 1, 1900, through civil-service examination.

HAZEN H. HICKS, Assistant Inspector, was born in Vermont, Feb. 5, 1866; is a graduate of the veterinary department of Harvard University; was temporarily appointed Aug. 13, 1900, and received regular appointment after civil-service examination, Dec. 18, 1900.

JOEL EDGAR CLOUD, Assistant Inspector, was born at Spiceland, Henry Co., Ind.; graduated from Chicago Veterinary College in 1890 with degree of D. V. S., and took a post-graduate course at McKillip Veterinary College, receiving degree of M. D. V. in 1899; was appointed Dec. 15, 1900, through civil-service examination.

CHARLES B. POTTER, Assistant Inspector, was born at Ithaca, N. Y., May 9, 1872; is a graduate of New York State Veterinary College, Cornell University; was appointed Dec. 15, 1900, after civil-service examination.

WILLIAM M. MACKELLAR, Assistant Inspector, was born in New York City, March 17, 1878; graduated from New York College of Veterinary Surgeons in 1899; received appointment Dec. 27, 1900, through civil-service examination.

JOHN B. SINE, Special Stock Examiner, was born at Pattenburg, Hunterdon Co., N. J., Aug. 16, 1839; was educated in village school; in 1859-60 worked as apprentice at gasfitter's trade, leaving this to go to war, in which he served from 1861 to 1865 as second lieutenant, captain and major in 8th and 35th N. J. Vol. Inf., came to Illinois in 1865 and engaged in various occupations until 1869 when he took up fire insurance with Rockford Insurance Co., continuing in that line, as solicitor, special agent and inspector of risks, until appointment, April 20, 1891, as stock examiner; was promoted to present position June 1, 1900.

BENJAMIN S. PADDOCK, Live Stock Agent, was born at Massena Springs, N. Y., March 11, 1861; spent four years at Massachusetts Institute of Technology; from 1883 to 1893 was merchant and post trader at Fort Robinson, Nebr.; received appointment in the Bureau as stock examiner at South Omaha, Nebr. June 24, 1895 and on Nov. 10, 1896, was transferred to Chicago and promoted to his present position.

ARDA WATSON, Live Stock Agent, was born in La Salle Co., Ill., June 18, 1858; previous to entering the Bureau was engaged as dealer in fresh meats and live stock; received appointment Sept. 1, 1893.

E. B. LUCE, Clerk, was born at Cincinnati, N. Y., Dec. 5, 1837; attended district school and academy; served in the Civil War as private, corporal and sergeant in Co. E, 2d N. Y. Artillery; enlisted Oct. 14, 1861; took part in battles of Second Bull Run, Spottsylvania, North Anna, Cold Harbor, Petersburg, Strawberry Plains, Deep Bottom, and Reams Station (where he was taken prisoner Aug. 25, 1864); was discharged Dec. 7, 1864; engaged in farming and as clerk and manufacturer; was appointed in the Bureau June 20, 1891.

S. H. TOURTELLOTT, Clerk, was born at Sutton, Mass., Sept. 23, 1839; enlisted April 19, 1861, and was mustered into the U. S. volunteer service as a private June 15 of that year, and afterwards commissioned; was appointed in the Bureau at Chicago as bookkeeper June 22, 1891; was out of the service from April 22 1893, until Jan. 10, 1898, when he was reinstated as clerk.

C. W. PHILPOT, Clerk, was born at Summerfield, Noble Co., Ohio, Sept. 9, 1845; enlisted May 1, 1864, in Co. C, 161st Ohio Vol. Inf., and was discharged as corporal, Sept. 3, 1864; in 1867 engaged in mercantile business and continued seventeen years; removed to Iowa in 1884, and from there to Chicago; was appointed Aug. 15, 1891, as tagger, and shortly promoted to foreman of taggers; was out of the service from June 30, 1893, until his reinstatement in 1897; was promoted to stock examiner Sept. 1, 1898, and to clerk July 21, 1899.

MAX WOLF, Clerk, was born at Crailsheim, Germany; came to the United States in 1883 and settled in Danville, Ill.; worked in dry goods store for six years, and was afterwards in employ of hide and leather house as bookkeeper, which position he held at the time of his appointment in the Bureau, Sept. 1, 1893.

CHARLES S. PEW, Clerk, was born at St. Joseph, Mich., March 5, 1866; graduated from Muskegon (Mich.) high school in 1886; kept books for a provision firm at Muskegon for a year and a half; was afterwards employed in receiving and auditing departments of Swift & Co., Chicago, three years, and with Joy Morton & Co., salt dealers, Chicago, for eight months prior to and at time of appointment in Bureau, Dec. 15, 1893.

CHARLES BATTING, Clerk, was born at Falmouth, Cornwall, England, Sept. 16, 1858; was educated in private school; previous to entering the service of the Bureau was employed as bookkeeper and accountant, also engaged in oil business; was appointed Sept. 1, 1894.

B. A. GALLIGAN, Clerk, was born at Taunton, Mass., Aug. 5, 1841; graduated in 1861 from St. John's College, Fordham, N. Y., with degree of A. B.; practised law three years in Massachusetts; has been subsequently employed in clerical work; received appointment Oct. 15, 1895.

IRVING W. PEW, Clerk, was born at St. Joseph, Mich., May 21, 1874; was reared at Muskegon, Mich.; graduated from Muskegon high school in 1892; studied and practised piano tuning two years; took a course in stenography in winter of 1893-94; was employed as laborer in the Bureau at Chicago from July 18, 1895, to Jan. 8, 1896, when he received appointment as tagger; was promoted to clerk, after civil-service examination, Dec. 21, 1896; married in 1897.

LEROY SCRIBNER, Clerk, was born at Fulton, Ill., Feb. 28, 1871; received education in grammar school, high school and business college; on leaving school in 1887 entered the postal service; in 1890 was appointed in the Census Bureau, and in 1892 in the Government Printing Office; received appointment in the Bureau at Chicago, Dec. 15, 1896, after civil-service examination.

JACOB K. SKINNER, Clerk, was born in Ohio in 1837; served in the Civil War as first lieutenant in 62d Ohio Vol. Inf.; was first appointed in the Bureau at Kansas City, July 15, 1891, from Eldorado, Kans.; was out of the service from Aug. 31, 1893, until June 1, 1897, when he was reinstated at Chicago.

JOHN J. O'MALLEY, Clerk, was born in Chicago, Ill., March 15, 1871; was educated in the public schools of that city and at Bryant & Stratton's Business College; was appointed in the Bureau as tagger June 27, 1895, after having served two years as laborer; was promoted to stock examiner, Nov. 1, 1895, and to clerk, Sept. 20, 1897.

EDWARD BRUNDIGE, Stock Examiner, was born in West Chester Co., N. Y., Nov. 9, 1839; attended the collegiate school of Poughkeepsie, N. Y.; previous to entering the Government service was a buyer of stock; was appointed from Chicago, Ill., Jan. 16, 1894; died Jan. 28, 1901.

DIGHTON GRANGER, Stock Examiner, was born at Avon, Lake Co., Ill., March 16 1843; attended district schools and Waukegan Academy; served in Civil War as private in Co. B, 96th Ill. Vol. Inf.; taught school four terms; engaged in farming and stock dealing; held offices of supervisor, assessor and collector; took census of township of Grant, Lake Co., Ill., in 1880 and 1890; on Nov. 18, 1890, was appointed in the Bureau to the position then designated as assistant inspector (now tagger), and in July following was promoted to grade now known as stock examiner; was out of the service from Aug. 31, 1893, to Oct. 18, 1897; was reinstated as tagger on last-named date, and promoted to present position June 1, 1898.

MICHAEL J. QUIRK, Stock Examiner, was born at Cleveland, N. Y., Feb. 14, 1863; was appointed tagger Nov. 22, 1890, and promoted to stock examiner Jan. 16, 1895.

WILLIAM HARPST, Stock Examiner, was born at Albany, N. Y., in 1846; received education in public schools; engaged in live stock business; was appointed Dec. 15, 1890; was out of the service from June 15, 1893, to March 1, 1894, when he was reappointed.

FRANK SCHROEDER, Stock Examiner, was born at Chicago, Ill.; from 1878 to 1890 was an employee of the Union Stock Yard and Transit Company engaged in handling live stock; received appointment in the Bureau as tagger June 1, 1891, and was promoted to stock examiner June 27, 1895.

THOMAS G. CLARK, Stock Examiner, was born in Colchester, England, Nov. 14, 1849, previous to entering the Government service was in the cattle business, was appointed from Chicago, Ill., Dec. 1, 1891.

JAMES AUGUSTUS MURPHY, Stock Examiner, was born at Oshkosh, Wis., Sept. 7, 1866; engaged in the occupation of butcher; was appointed in the Bureau July 25, 1891.

REINHARD KOCHANOWSKI, Stock Examiner, was born in Schneidemuehl, Germany, Jan. 10, 1859; attended public schools in that country and took a course in microscopy and was a certified meat examiner by the German Government; came to the United States in 1882, and followed the vocation of barber in Chicago for nine years; was appointed assistant microscopist June 20, 1891, and promoted to stock examiner Dec. 1, 1892.

THEOBRE B. ZUENDL, Stock Examiner, was born in Schaffhouse, Switzerland, Oct. 13, 1861; was appointed in the Bureau at Chicago as assistant microscopist, June 20, 1891; promoted to grade of tagger Nov. 1, 1894, and to his present position a year later

WILLIAM PROUDFOOT, Stock Examiner, was born Sept. 7, 1868, at Whitby, Ontario; was appointed as tagger July 6, 1891, and promoted to stock examiner Feb. 1, 1896.

CLARK C. BONE, Stock Examiner, was born at Erie City, Pa., Sept. 21, 1843; for eleven years was in employ of C. B. & Q. R. R., and fifteen years bookkeeper in Live Stock Exchange Building at Chicago; served in Civil War as corporal in Co. F, 83d Ill. Vol. Inf. three years; was first appointed in the Bureau from Chicago as tagger Jan. 1, 1891, and separated from the service July 15, 1893, but was reinstated Oct. 18, 1897, and promoted to stock examiner June 1, 1898.

GEORGE T. HANTON, Stock Examiner, was born in Chicago, April 17, 1866; attended public schools and business college in Chicago; previous to entering Bureau was employed in packing house as hog butcher and inspector of dry salt meat; was appointed tagger July 24, 1891, and promoted to stock examiner June 27, 1895

JOHN MURPHY, Stock Examiner, was born March 7, 1863, at Chicago, Ill.; received common school education; was employed as butcher before entering Bu-

reau service; was appointed July 25, 1891, as tagger, and on Feb. 15, 1894, was promoted to stock examiner.

THOMAS J. WADE, Stock Examiner, was born near Zanesville, Ohio, in March, 1844; enlisted in 1862 as private in Co. C, 94th Inf., and was mustered out as corporal; became a farmer in 1865; later was a grocer, and afterwards a painter and paper-hanger; was appointed tagger Aug. 15, 1891, and promoted to grade of stock examiner June 1, 1896.

ABRAM M. MANNY, Stock Examiner, was born at Amsterdam, Montgomery Co., N. Y., March 29, 1836; served in the Civil War as sergeant-major in 146th Ill. Vol. Inf.; was appointed in the Bureau Nov. 16, 1892; was out of the service from July 15, 1893, until his reinstatement, July 27, 1897.

DAVID S. FARLEY, Stock Examiner, was born in Canada March 2, 1842; attended common schools, and afterward studied two years at Albert College, Belleville, Ontario; was a buyer and shipper of live stock and grain, and was four years county treasurer of Jo Daviess Co., Ill.; in Civil War was private in Co. B 142d Ill. Vol. Inf.; was appointed from Chicago April 1, 1892, and was separated from the service July 15, 1893, but was reinstated April 6, 1899.

JULIUS KIBBER, Stock Examiner, was born at Waterville, Vt., Jan. 7, 1844; was educated in the public schools; served as private in Co. H, 33d Wis. Vol. Inf.; previous to entering the Bureau service was engaged in farming; was appointed a tagger from Lake Geneva, Wis., Sept. 16, 1892, and separated from the service July 15, 1893; was reinstated Oct. 9, 1897, and promoted to stock examiner Sept. 1, 1898.

NORMAN R. ADAMS, Stock Examiner, was born at Chicago, Ill., May 31, 1869; entered the Bureau service from Chicago as a tagger Dec. 1, 1893, and was promoted to stock examiner Nov. 1, 1895.

DAVID FRISCH, Stock Examiner, was born in Hungary, Dec. 9, 1860; received his education in his native country in the Government schools; for seven years acted as clerk, timekeeper and assistant foreman in Nelson Morris & Co.'s beef slaughter-house in Chicago; was appointed in the Bureau July 17, 1893.

JAMES GARDNER, Stock Examiner, was born in Scotland May 30, 1867; was educated in the public schools; for six years acted as hide inspector; was appointed tagger July 17, 1893, and on June 27, 1895, was promoted to position of stock examiner.

HENRY GRADY, Stock Examiner, was born in Union City, Erie Co., Pa., April 24, 1865; received education in the public schools; learned and followed the trade of butcher; was appointed July 17, 1893, as tagger, and June 27, 1895, was promoted to position of stock examiner.

WILLIAM C. HONAN, Stock Examiner, is a native of Ireland; before entering Bureau service was a practical butcher and cattle buyer; was appointed July 17, 1893.

JOSEPH F. JORDAN, Stock Examiner, was born in New York City Dec. 14, 1859 and attended the public schools; was in the butchering business before entering the Bureau service; was appointed from Chicago July 17, 1893.

TERENCE O'BRIEN, Stock Examiner, was born Aug. 7, 1857, in Ireland; was educated in public schools of Chicago, Ill.; engaged in the butchering business; was appointed as tagger July 17, 1893, and promoted to stock examiner Feb. 15, 1894.

THOMAS O'SHAUGHNESSY, Stock Examiner, was born July 5, 1857, in New York City; was employed as butcher before entering the service of the Bureau; was appointed as tagger July 17, 1893, and promoted to stock examiner Feb. 15, 1894.

WALTER S. PIDCOCK, Stock Examiner, was born in Pennsylvania Dec. 1, 1855, was appointed as tagger July 17, 1893, and promoted to stock examiner Aug. 1, 1895.

JOHN J. RYAN, Stock Examiner, was born May 27, 1863, at Chicago, Ill.; was yardmaster for Swift & Co. for ten years before entering service of the Bureau; was appointed July 17, 1893.

JOHN W. SANSFIELD, Stock Examiner, was born at Chicago, Ill., Feb. 7, 1870, was engaged in the meat business from the time of leaving school until entering Bureau service; was appointed July 17, 1893; has taken course at Chicago Law School and received degree of LL. D.

WILLIAM P. HICKEY, Stock Examiner, was born in Ireland, March 19, 1848; was appointed as tagger Aug. 15, 1893, and promoted to stock examiner Feb. 15, 1894.

FREDERICK L. SIMPSON, Stock Examiner, was born at Hennepin, Ill., July 12, 1858; was appointed a tagger in the Bureau Sept. 15, 1893, and on June 27, 1895, was promoted to stock examiner; enlisted in a cavalry regiment for the Spanish War, but did not see service because the regiment was not called.

GEORGE BEST, Stock Examiner, was born at Chicago, Ill., May 23, 1872, and was educated in the public schools of that city; kept a meat market before entering the Bureau service; was appointed Dec. 18, 1893.

HORACE DELOS BURDICK, Stock Examiner, was born in Onondaga Co., N. Y., Jan. 3, 1849; was appointed from Chicago, Ill., Jan. 3, 1894.

GEORGE W. PIERCE, Stock Examiner, was born in Dutchess Co., N. Y., May 14, 1840; served in the Civil War five years in 4th Wis. Cav., advancing from private to second lieutenant; was appointed in the Bureau Jan. 3, 1894.

JAMES J. DUFFICY, Stock Examiner, was born in County Limerick, Ireland, Oct 7, 1865, and is by trade a butcher; was appointed from Chicago Jan. 4, 1894.

GEORGE LUNHAM, Stock Examiner, was born in Ireland on Sept. 25, 1835; previous to appointment in the Bureau was engaged in buying and selling live stock at Chicago; was appointed Jan. 4, 1894.

SAMUEL T. SMITH, Stock Examiner, of Chicago, was appointed Jan. 16, 1894.

RICHARD E. LYMAN, Stock Examiner, was born at Philadelphia, Pa., Dec. 8, 1853; was apprenticed to a butcher at sixteen years of age, serving three years; came to Chicago and engaged as stallsman in one of the largest markets; removed to Sterling, Ill., and for six years was manager of market; returned to Chicago to take similar position, which he held for seven years, then buying out his employer and continuing the business successfully until time of receiving appointment in the Bureau, April 23, 1894.

JOHN F. KELLY, Stock Examiner, was born at Ottawa, Ill., Aug. 28, 1862, and was educated in the common schools; worked for the American Express Co., Chicago, as barn foreman and driver; was in the internal revenue service from June 1, 1894, until entering the Bureau; was appointed a tagger from Chicago, Aug. 1, 1894, and promoted to stock examiner June 30, 1895.

THOMAS F. HANLEY, Stock Examiner, was born in Dimmick township, La Salle Co., Ill., March 8, 1858; received education in district schools, college at Cape Girardeau, Mo., and Seminary of Our Lady of Angels, Niagara, N. Y.; taught school for three years, acted as school director for four years and school trustee six years; served as deputy sheriff of La Salle Co. for four years; entered the Bureau service June 24, 1895.

DENNIS HURLEY, Stock Examiner, was born in Ireland Oct. 12, 1845; his training was that of a butcher; was appointed March 1, 1895, as a tagger, and promoted to stock examiner Aug. 1, 1895.

OTHO D. KORTZ, Stock Examiner, was born at Marengo, Iowa, July 1, 1870; before appointment in Bureau was in employ of Swift & Company at Union Stock Yards, Chicago, inspecting live cattle; was appointed Jan. 27, 1895.

H. D. WILLIAMS, Stock Examiner, was born in Hillsville, Va., Nov. 10, 1849; entered the Bureau service from Pittsfield, Ill., first as laborer, receiving regular appointment as stock examiner June 27, 1895.

GEORGE W. WOOD, Stock Examiner, was born at St. Johns, N. F.; from Sept. 1, 1861, to Sept. 10, 1864, served as seaman on a transport; for thirty-two years previous to appointment in Bureau was a cattle dealer and shipper; was appointed June 27, 1895.

FRANK C. COOLEY, Stock Examiner, was born in Almont, Mich., May 21, 1868; attended the public and grammar schools, and later followed the vocation of live stock buyer and butcher; was appointed from Chicago as a tagger June 27, 1895, after having served several months as laborer, and promoted to stock examiner Nov. 1, 1895.

FRED D. WATERMAN, Stock Examiner, was born in Van Buren, Onondaga Co., N. Y., Aug. 16, 1860; was appointed tagger June 27, 1895, after having served some time previously as laborer, and on Jan. 15, 1896, was promoted to his present position.

H. B. WELLER, Stock Examiner, was born in Chicago, May 21, 1844; entered the service of the Bureau as laborer in July, 1893; was appointed tagger, June 27, 1895, and promoted to present position Feb. 1, 1896.

THOMAS R. FUGIT, Stock Examiner, was born in New Albany, Ind., Nov. 26, 1854; attended graded and high schools of that place, and studied medicine in Louisville, Ky.; from 1872 to 1884, was engaged with large manufacturing firm in various capacities, with five years' experience as traveling salesman; after some time spent in breeding horses and short-horn cattle, took civil-service examination and was appointed in Bureau as tagger, Feb. 1, 1896, and was promoted to present position, May 1, 1899.

JOSEPH C. WHITNEY, Tagger, was born in Parish, Oswego Co., N. Y., June 8, 1833; served in Civil War as private in Co. C, 96th Ill. Vol. Inf., from Aug. 15, 1862, to June 10, 1865; became a farmer after the war, buying a farm on the borders of Lake Zurich, Ill., and also engaged in stock-raising; acted as justice of the peace for eighteen years; was appointed in Bureau Nov. 22, 1890.

WILLIAM D. CLARK, Tagger, was born at Crown Point, Ind., Nov. 7, 1813; served as a private in Co. B, 20th Ind. Vols. from June 22, 1861, to Sept. 9, 1864; before entering the Bureau service was employed as salesman; was appointed from Hammond, Ind., June 22, 1891, and stationed at Chicago, and was out of the service from May 15, 1893, until his reinstatement, Oct. 14, 1897.

THEODORE SAUER, Tagger, was born in Herman, Wis., Jan. 27, 1860; was appointed Aug. 15, 1891.

WILLIAM CLEVELAND, Tagger, was born at Greenwich, Mass., Nov. 5, 1835; previous to entering the Bureau service was a farmer; was appointed from Chicago Jan. 1, 1892.

WILLIAM A. BITNER, Tagger, was born at Carlisle, Pa., March 9, 1837; his education was finished in the high school; served in the Civil War in Co. L, 3d N. Y. Cav., and was eight months a prisoner of war; was engaged in butcher business during most of his life previous to entering the Bureau service; received appointment from Chicago Aug. 1, 1892, serving one year; was reinstated Feb. 15, 1898.

JOSEPH E. TROUGHTON, Tagger, was born in London, England, June 20, 1842; came to the United States, and served in the U. S. Army from April, 1861, to May, 1864, as private, corporal and sergeant, in Co. K, 10th N. Y. Inf.; was appointed in the Bureau Dec. 1, 1892.

JAMES FOLEY, Tagger, was born in Chicago, March 22, 1870; previous to entering the Bureau service followed the vocation of butcher; was appointed July 17, 1893.

PATRICK HENRY GRIFFIN, Tagger, was born in Ireland, March 17, 1855; attended public schools at Lowell, Mass.; was employed as butcher and expert meat trimmer in Chicago; received appointment July 17, 1893.

DANIEL LYNCH, Tagger, was born in St. Louis, Mo., Aug. 4, 1859; attended common schools and afterwards was employed at Chicago with Armour & Co. three years and Cudahy Packing Co. eight years; was appointed in the Bureau Aug. 15, 1893.

J. C. PORTERFIELD, Tagger, was born at Monmouth, Ill., Dec. 25, 1857; was appointed from Sidney, Ill., Sept. 1, 1893.

JOHN J. GARRITY, Tagger, was born at La Salle, Ill., Oct. 25, 1861; received common school education and worked on railroad; was appointed Sept. 1, 1893.

DE LANNES HOWARD, Tagger, was born at Danville, Ill., Dec. 10, 1864; attended graded schools; was employed as bill clerk in the Danville office of Nelson Morris & Co. before entering the Bureau service; received appointment Sept. 15, 1893.

MICHAEL METZGER, Tagger, was born in New York City, May 25, 1842; attended public schools; served as private in the Civil War in Co. D, 45th Ill.; engaged in malt brewing and hotel business prior to entering Bureau; was regularly appointed Sept. 15, 1893, after having served over a year as laborer.

MICHAEL MURRAY, Tagger, was born in Ireland, July 19, 1864; was appointed in the Bureau Dec. 15, 1893.

WILLIAM FOX, Tagger, was born June 29, 1866, at Boylston, Mass.; received education in public schools; was employed as a practical tanner and currier; received appointment in the Bureau Feb. 1, 1894.

RICHARD WALSH, Tagger, was born in Ireland, Sept. 14, 1860; came to the United States when fourteen years old; after attending public schools in Chicago for three years, he began work as a butcher, and has been identified with work in the Union Stock Yards ever since; was appointed June 1, 1894.

JEREMIAH HOLLAND, Tagger, was born in Iowa City, Iowa, March 4, 1860, and was educated at St. Joseph's Institute, in his native town; followed the trade of marble and granite engraver until his appointment in the Bureau, June 12, 1894.

JAMES A. FLANAGAN, Tagger, was born in Johnstown, Pa., Jan. 28, 1837; was in the commissary department of the Government from April, 1858, till March, 1861; served in Civil War as private and non-commissioned officer from October, 1861, till 1864; for several years was a buyer and seller of live stock; was appointed from Chicago, May 23, 1895.

THOMAS A. WHITE, Tagger, was born in Ottawa, Ill., Nov. 3, 1859; after serving as laborer in the Bureau at Chicago for some time, was regularly appointed tagger June 24, 1895.

J. N. FITZGERALD, Tagger, was born at Chicago, Ill., Aug. 1, 1867; attended common school and business college; was four years with a large provision company of Chicago; was regularly appointed as tagger June 27, 1895, after having been temporarily employed some time previously.

JAMES HERRIMAN, Tagger, was born Sept. 11, 1860, in the State of Maine; was a machinist before entering the service of the Bureau; was appointed tagger June 27, 1895, after having served as laborer about three years.

HERMAN JACOBUS, Tagger, was born at Gilgenburg, Germany, Aug. 18, 1848; after leaving school engaged in butcher's trade, passing requisite examination



for first degree work as journeyman; served in the Prussian Army during the Franco-Prussian war in 1870-1871, as under-officer in sharpshooters' battalion; received the iron cross decoration and one higher from the King of Saxony for bravery and good conduct; came to the United States in 1872; entered the Bureau service from Chicago as laborer in August, 1892, and was appointed tagger June 27, 1895.

JOHN C. LORENZEN, Tagger, was born in Germany on Feb. 16, 1860; after coming to the United States was employed seven years in Dr. Pierce's veterinary hospital at Aurora and Chicago, Ill.; began as day man in Bureau service at Chicago in 1892, and on June 27, 1895, received regular appointment as tagger.

WILLIAM McKAY, Tagger, was born in Ireland, April 15, 1843; received grammar school education; followed the trade of machinist before entering the Bureau; was regularly appointed tagger on June 27, 1895, after having served as laborer some time previously.

JAMES M. RAINEY, Tagger, was born in Chicago, Feb. 19, 1871; entered the service of the Bureau as laborer in 1894, and was appointed tagger June 24, 1895.

HARRY H. COFOID, Tagger, was born at Hennepin, Ill., April 7, 1875; attended country school and high school, and took a course of study at J. C. Duncan's business college at Davenport, Iowa; was afterward a farmer, stock raiser, and buyer and shipper of stock; appointed from Hennepin, Ill., through civil-service examination, Nov. 18, 1895, and located at Philadelphia; was transferred to Chicago May 4, 1896.

IRENEUS SHORTRIDGE, Tagger, was born in Henry Co., Ind., May 7, 1845; left school before seventeenth birthday to enlist as private in Co. B, 63d Ind. Vol. Inf.; took part in battles, in front of Richmond, Wilderness (seven days), Culpeper Court-house, Second Bull Run, and numerous other engagements; taught school for four years; served as justice of the peace twelve years, and for a number of years was a stock raiser; was appointed Dec. 2, 1895, from Hammond, Ind., through civil-service examination, and stationed at New York City; was transferred to Chicago, March 29, 1896.

ROBERT A. BROADHURST, Tagger, was born at Eminence, Ky., Feb. 22, 1874; attended the city schools of Louisville, Ky., and was two years in Kentucky University at Lexington; before entering the Bureau, occupied clerical positions with commercial firms at Louisville; was appointed through civil-service examination, Jan. 1, 1896, and stationed at Boston, but transferred to Chicago Oct. 7, 1898.

ALBERT E. HARRIS, Tagger and Clerk, was born Jan. 27, 1872, at Newark, N. J.; was educated in common and high school in that city and Omaha, Nebr.; was bookkeeper five years in Omaha and Sioux City, and for two years was employed as clerk with Libby, McNeill & Libby, packers, Chicago; received appointment as tagger May 1, 1896, through civil-service examination.

CASPER J. SCHMITT, Tagger, was born in Herbolzheim, Baden, Germany, Sept. 17, 1847; was educated in Germany in a teachers' seminary, graduating in 1866; taught in public schools in Germany, and in the United States from 1869 until appointment in Bureau, May 1, 1896, through civil-service examination.

ROBERT G. KNIPPLE, Tagger, was born at Centerville, Mich., Jan. 19, 1860; attended common schools and afterwards followed general merchandising for several years; was a letter carrier in Chicago post-office from 1887 to 1890; received appointment in the Bureau June 8, 1896, through civil-service examination.

JOHN C. MASSIE, Tagger, was born in Newport, Ky., Feb. 8, 1875; attended school at Covington, Ky., and Cincinnati, Ohio; was employed for a number of years in railway offices; was appointed tagger Oct. 20, 1896, after civil-service examination.

FRANK A. PARDOCK, Tagger, was born in Omaha, Nebr., Nov. 11, 1874; was appointed in Bureau as laborer, Dec. 1, 1896, and promoted to position of tagger, Feb. 1, 1898; was given leave of absence during the Spanish War, and served as corporal in Co. E, 2d Ill. Inf.; was reinstated Sept. 1, 1898.

DAVID C. BARNETT, Tagger, was born in Ohio, March 3, 1861, and was educated in common and high schools; was ten years a teacher and three years a traveling salesman; received appointment in the Bureau through civil-service examination, from Middletown, Ohio, March 25, 1898, and was stationed at National Stock Yards, Ill.; was transferred to Chicago Aug. 15, 1899.

ALTINE HOSTETLER, Tagger, was born in Ohio Sept. 23, 1869, and was reared on a farm; attended the common schools, and later became a teacher; was appointed from Sugar Creek, Ohio, through civil-service examination, Oct. 1, 1898.

ARCHIBALD L. FAUNCE, Tagger, was born at Blue Earth City, Minn., Jan. 15, 1874; attended high school and business college; before entering the Bureau service was principally engaged as stenographer and collector; was appointed from Chicago, through civil-service examination, Oct. 6, 1898.

JAMES R. SIMPSON, Tagger, was born in Avonburg ("Soapville"), Switzerland Co., Ind., Jan. 27, 1859; was reared on a farm and educated in the public schools; was married in 1880; resided in Indiana and Illinois; was appointed Oct. 10, 1898, from Connersville, Ind., after passing civil-service examination.

FRED R. WASHBURN, Tagger, was born in Tuscola, Ill., Jan. 2, 1876; was appointed Oct. 6, 1898, through civil-service examination.

EDWIN W. BARTHOLD, Tagger, was born near Fort Wayne, Ind., Feb. 14, 1868, and attended the public schools; was employed in locomotive boiler shops from 1885 till entering the Bureau service; was appointed from Fort Wayne, through civil-service examination, Nov. 11, 1898.

HORACE G. ARNOLD, Tagger, was born at Groveport, Ohio, Oct. 15, 1871; was educated in common schools, Otterbein University at Westerville, Ohio, and National Business College at Columbus, Ohio; for several years was employed as clerk in railroad office; was appointed through civil-service examination, from Columbus, Ohio, Dec. 1, 1898.

HARVEY L. SHALE, Tagger, was born in Burgoon, Ohio, July 25, 1875; was appointed in Bureau Dec. 1, 1898, after passing civil-service examination.

JOHN W. BURTON, Tagger, was born at Galva, Ill., Dec. 6, 1864; attended high school; previous to entering the Bureau service was first a cattle buyer and afterward a street car conductor in Chicago for ten years; was appointed, through civil-service examination, Jan. 2, 1899.

JAMES H. O'BRIEN, Tagger, was born in Chicago, Jan. 24, 1859; was educated in the public schools and St. Ignatius College in Chicago; had experience as clerk with coal company, and previous to entering Bureau was engaged in coal and feed business; was appointed through civil-service examination, Jan. 2, 1899.

CHARLES H. BRIDGES, Tagger, was born in Montgomery Co., Ill., Dec. 15, 1870; attended, besides the common schools, the Illinois State Normal School at Dixon, Ill., and Blackburn University, at Carlinville, Ill.; was a teacher previous to present employment; received appointment in the Bureau through civil-service examination, from Virden, Ill., May 4, 1899.

GEORGE E. JAQUA, Tagger, was born at New Hartford, Conn., June 22, 1844; attended common and high schools at Kankakee, Ill.; served in Civil War as private in Co. H, 42d Ill. Vol. Inf.; has engaged in farming and stock raising, and in gold and silver mining in Nevada; was afterwards employed by Standard Oil Co. as foreman of laborers; appointed from Hammond, Ind., through civil-service examination, May 4, 1899.

BERT HASKETT, Tagger, was born at Homer, Ill., Jan. 31, 1876; attended common schools of that place, Union High School, Westfield, Ind., and Central Normal College, Danville, Ind.; for four years was engaged as teacher in public schools of Westfield, Ind.; was appointed Nov. 10, 1899, after passing civil service examination.

U. C. MIDKIFF, Tagger, was born at Masterton, Monroe Co., Ohio, Jan. 8, 1869; attended public schools in West Virginia, and National Normal University, Lebanon, Ohio, receiving teacher's diploma; taught school for nine years; served as receiver of material in the engineer department on the Ohio River; after civil-service examination was appointed Nov. 10, 1899.

HUGO ELERING, Tagger, of Illinois, appointed Nov. 10, 1899, through civil-service examination.

ALBERT W. FORD, Tagger, was born at Kokomo, Ind., Jan. 28, 1879; was educated in common and high schools; taught school from the fall of 1897 until Nov. 10, 1899, when he was appointed in the Bureau through civil-service examination.

WILLIAM E. DANAHY, Tagger, was born at Chicago, Ill., March 10, 1860; attended common schools and Bryant & Stratton's Business College; was with Armour & Co. five years, and one year with Chicago city engineering department; received civil-service appointment Nov. 10, 1899, after having been previously employed temporarily.

ANDREW J. QUINN, Tagger, was born in Indianapolis, Ind., March 8, 1878; was appointed from that city through civil-service examination, Nov. 10, 1899.

FRANK A. HEALY, Tagger, was born Nov. 26, 1871, at Grand Rapids, Mich.; graduated from Hyde Park high school in 1898; engaged in electrical work during a period of ten years; was appointed Nov. 10, 1899, through civil-service examination.

FRANK J. FESS, Tagger, was born at Grand Haven, Mich., Aug. 20, 1873; attended the common schools; engaged in teaching previous to entering the Bureau service; was appointed from Lakeview, Mich., through civil-service examination, Jan. 2, 1900.

CHAUNCEY P. STAINES, Tagger, was born in Youngstown, Ohio, May 16, 1875; was appointed Sept. 17, 1900, through civil-service examination.

CHARLES E. FAULHABER, Tagger, was born at Florence Springs, Williams Co., Ohio, April 6, 1872; boyhood was spent on the farm; taught school from 1893 until time of entering Bureau service; was appointed Sept. 25, 1900, through civil-service examination.

#### *Assistant Microscopists.*

NAME.	State from which Appointed.	Date of Original Appointment.
Miss Tessie C. Havey,	Wis.	June 16, 1891
Miss Laura D. Burke,	Ill.	June 16, 1891
Miss Malvina A. Bixby,	Ill.	a June 22, 1891
Miss Clara Werther,	Ill.	Aug. 27, 1891
Mrs. Kate R. Luce,	Ill.	a Sept. 1, 1891
Miss Annie Nicolai,	Ill.	Sept. 12, 1891
Miss Mabel Rockwell,	Wis.	Sept. 23, 1891
Mrs. W. O. Sutherland,	Ill.	Dec. 29, 1891
Miss Hannah Scanlan,	Ill.	Mar. 28, 1892
Mrs. Lizzie Greeley McGlasson,	Ill.	Apr. 30, 1892

NAME.	State from which Appointed.	Date of Original Appointment.
Miss Katie A. Murphy,	Ill.	Aug. 6, 1892
Miss Nora Conway,	Ill.	Oct. 1, 1892
Miss Nellie A. Ryan,	Ill.	Oct. 8, 1892
Miss Katie Barrow,	Ill.	Oct. 22, 1892
Miss Carrie Wells,	Ill.	Nov. 16, 1892
Miss Jennie E. Hatch,	Ill.	a Nov. 21, 1892
Miss May E. Hotchkiss,	Ill.	Nov. 21, 1892
Mrs. Kate H. Brady,	Ill.	Nov. 28, 1892
Miss Mae B. Joslin,	Wis.	a Dec. 1, 1892
Miss Eulalia Edwards,	Iowa	a Dec. 27, 1892
Miss Blanche Rutledge,	Ill.	Dec. 27, 1892
Miss Ellen S. Mayhew,	Mich.	May 5, 1893
Miss Nellie M. Goodridge,	Ill.	May 9, 1893
Miss Mary E. Kean,	Ill.	Aug. 19, 1893
Miss Mary E. Leahy,	Ill.	Aug. 19, 1893
Miss Mamie F. Murray,	Ill.	Aug. 19, 1893
Mrs. Anna F. Clarke,	Kans.	Aug. 21, 1893
Mrs. Maria J. Connell,	Kans.	Aug. 22, 1893
Mrs. May H. Crosby,	Mo.	Aug. 22, 1893
Mrs. Marion Williams,	Mo.	Aug. 28, 1893
Miss Bertha L. Diller,	Mo.	Aug. 29, 1893
Mrs. Margaret Enrigat,	Ill.	Sept. 2, 1893
Mrs. Mary Hurley,	Ill.	Nov. 20, 1893
Miss Lillie M. Crowell,	Ill.	Jan. 25, 1894
Mrs. Dora Van Ness Hosmer,	Ill.	Jan. 25, 1894
Miss Abbie W. Hurter,	Ill.	Jan. 25, 1894
Miss Sarah A. Riley,	Ill.	Jan. 25, 1894
Miss Lila Robinson,	Ill.	Jan. 25, 1894
Mrs. Nannie D. Strail,	Ill.	Jan. 25, 1894
Mrs. Nellie E. Damon,	Ill.	Feb. 1, 1894
Miss Ada K. Gannon,	Ill.	Feb. 9, 1894
Miss Maggie Taylor,	Ill.	Feb. 9, 1894
Miss Addie E. Benneson,	Ill.	Apr. 16, 1894
Miss Mattie Kneeland,	Wis.	Apr. 28, 1894
Miss Jessie G. Ogden,	Ill.	Aug. 1, 1894
Miss Anna M. Quinn,	Wis.	Sept. 24, 1894
Miss Flora A. Ayers,	Ill.	Nov. 21, 1894
Miss Belle Ritter,	Ill.	a Nov. 24, 1894
Miss Blanche Roy,	Ill.	Nov. 24, 1894
Miss Jennie M. Shufeldt,	Ill.	Nov. 24, 1894
Miss Katherine A. Welland,	Ill.	Dec. 8, 1894
Miss Barbara Dorse,	Wis.	Dec. 19, 1894
Miss Katherine Tully,	Ill.	Feb. 23, 1895
Miss Bessie D. Ogden,	Ill.	Mar. 9, 1895
Miss Elizabeth K. Eckert,	Ill.	Mar. 13, 1895
Mrs. Ella B. Earle,	Ill.	Mar. 15, 1895
Miss Effie M. Hunter,	Ill. c. s.	Nov. 17, 1896
Miss Mildred E. Walters,	Ill. c. s.	Nov. 17, 1896
Miss Martha E. Brandt,	Ill. c. s.	Dec. 1, 1896
Miss Mae H. Shaw,	Ill. c. s.	Dec. 1, 1896
Miss Mary Sheehan,	Ill. c. s.	Dec. 1, 1896
Miss Veturia E. Boyd,	Ill. c. s.	Feb. 13, 1897
Miss Evalina M. Shepard,	Ill. c. s.	Feb. 13, 1897
Miss Mary F. Goggin,	Ill. c. s.	Aug. 4, 1897
Miss Alice Lawson,	Ill. c. s.	Aug. 4, 1897
Miss Agnes B. O'Brien,	Ill. c. s.	Aug. 4, 1897
Miss Helen E. O'Brien,	Ill. c. s.	Aug. 4, 1897

NAME.	State from which Appointed.	Date of Original Appointment.
Miss Julia H. O'Brien,	Ill. c. s.	Aug. 4, 1897
Miss Bertha I. Allen,	Ill. c. s.	Dec. 17, 1897
Miss Jessie Hickman,	Ill. c. s.	Dec. 17, 1897
Miss Nellie E. Kenyon,	Ill. c. s.	Dec. 17, 1897
Miss Genevieve Petrie,	Ill. c. s.	Dec. 17, 1897
Miss Agnes B. Rieder,	Ill. c. s.	Dec. 17, 1897
Miss Laura Rieder,	Ill. c. s.	Dec. 17, 1897
Miss Maggie Murphy,	Wis. c. s.	Dec. 18, 1897
Miss Nina B. Davis,	Ill. c. s.	Dec. 21, 1897
Miss Matilda Evanson,	Ill. c. s.	Dec. 21, 1897
Miss Tillie Heil,	Ill. c. s.	Dec. 21, 1897
Miss Myrtle A. Hunt,	Ill. c. s.	Dec. 21, 1897
Miss Louise Johnson,	Ill. c. s.	Dec. 21, 1897
Miss Evelyn C. McCarthy,	Ill. c. s.	Dec. 21, 1897
Miss Daisy G. McGrath,	Ill. c. s.	Dec. 21, 1897
Miss Amy T. Mace,	Ill. c. s.	Dec. 21, 1897
Miss Josephine Rockwell,	Ill. c. s.	Dec. 21, 1897
Mrs. Elizabeth L. Neill,	Ill. c. s.	Dec. 22, 1897
Miss Josephine C. Tully,	Ill. c. s.	Dec. 22, 1897
Miss Ella Schwahn,	Wis. c. s.	Dec. 28, 1897
Miss Mary E. Williams,	Nebr. c. s.	Jan. 22, 1898
Miss Maud S. Armstrong,	Ill. c. s.	Apr. 1, 1898
Miss Gertrude M. Barry,	Ill. c. s.	Apr. 1, 1898
Miss Estella C. Bonds,	Ill. c. s.	Apr. 1, 1898
Mrs. Estelle G. Davis,	Ill. c. s.	Apr. 1, 1898
Miss Elizabeth M. Donegan,	Ill. c. s.	Apr. 1, 1898
Miss Sarah A. Ingram,	Ill. c. s.	Apr. 1, 1898
Miss Rosanna McDonnell,	Ill. c. s.	Apr. 1, 1898
Miss Mary K. Barry,	Ill. c. s.	Apr. 24, 1898
Miss May E. Bablick,	Ill. c. s.	Oct. 1, 1898
Mrs. Agnes Chase,	Ill. c. s.	Oct. 1, 1898
Miss Bessie M. Healy,	Ill. c. s.	Oct. 1, 1898
Miss Bertha A. Ockerby,	Ill. c. s.	Oct. 1, 1898
Miss Nellie Sheehan,	Ill. c. s.	Oct. 1, 1898
Miss Pearl C. Sigler,	Ill. c. s.	Oct. 1, 1898
Miss Florence Whyte,	Ill. c. s.	Oct. 1, 1898
Miss Delia Dietz,	Ill. c. s.	Oct. 8, 1898

Those marked c. s. were appointed through civil-service examination.

a. Subsequently appointed through civil-service examination.

#### *Laborers.*

NAME.	State from which Appointed.	Date of Original Appointment.
Hiram Grable,	Ill.	Aug. 31, 1896
Selena Hosken,	Ill.	May 29, 1896
Lillie Watkins,	Ill.	July 2, 1897
Annie Lynch,	Ill.	Feb. 24, 1898
Edith W. Dewey,	Ill.	Oct. 31, 1898

## KANSAS CITY, MO., AND KANSAS CITY, KANS.

SAMUEL E. BENNETT, Inspector in charge, was born at East Liverpool, Ohio, December 17, 1868; attended public schools of that place and graduated from high school in 1887; entered Ohio State University that fall and graduated in 1890 with degree of D. V. M.; took post-graduate work at Royal Veterinary School, Hanover, Germany; from 1891 until entering the Bureau service was professor of veterinary science in A. & M. College of Kentucky at Lexington, and also engaged in practice; received appointment as assistant inspector, through civil-service examination, Jan. 10, 1896, and was stationed at Chicago; on Nov. 1, 1896, was transferred to Milwaukee and put in charge of microscopic inspection, and on Feb. 16, 1897, was placed in charge of the Bureau work at Milwaukee and Cudahy; received promotion to inspector and was placed in charge at Kansas City June 15, 1897.

SESCO STEWART, Microscopist, was born at Weston, Ontario, Canada, March 23, 1855; received education in common schools, academy at Mayville, N. Y., medical department of Wooster University, Cleveland, Ohio, and veterinary department of Iowa State College, and holds degrees of M. D. and D. V. M.; engaged in practice of medicine at Oakland, Iowa, from 1878 to 1885, and in veterinary practice at Atlantic and Council Bluffs, Iowa, from 1886 to 1891; received appointment as veterinary inspector at Omaha, April 15, 1891, and was transferred to Nebraska City Jan. 14, 1892, and to Kansas City Dec. 1, 1892; appointed microscopist July 1, 1893; is now Dean of the Kansas City Veterinary College.

CHARLES H. DAVIES, Inspector, was born at Piqua, Ohio, Feb. 4, 1853; graduated from Piqua high school in 1871; is also a graduate of Jefferson Medical College (M. D., 1877) and Kansas City Veterinary College (D. V. S., 1898); practised medicine at Eldorado, Kans., for fourteen years prior to entering the Bureau service; was appointed Sept. 18, 1891.

JOHN C. MILNES, Inspector, was born in Derbyshire, England, July 8, 1852, and came to the United States in 1857; after attending common schools, took a four years' scientific course at Iowa State College, graduating in 1877 with degree of B. S. in mechanical engineering; also graduated from Ontario Veterinary College (V. S., 1879); engaged in general veterinary practice at Cedar Rapids, Iowa, for the following sixteen years, and for five years of this period served as State veterinary surgeon; married Miss Genevra G. Shafer, of Cedar Rapids, in 1880; is the inventor and patentee of a veterinary operating table which bears his name; was appointed as assistant inspector October 1, 1896, through civil-service examination, and promoted to inspector Dec. 21, 1898.

BENJAMIN F. KAUPP, Inspector, was born in Williamsport, Pa., March 16, 1874; higher education was obtained at Odessa College and Kansas City Veterinary College, graduating from latter in 1895 with degree of D. V. S.; practised veterinary medicine in Missouri until appointment in the Bureau as assistant inspector, Feb. 10, 1896, through civil-service examination; was promoted to position of inspector, June 2, 1900; is an active member of the Missouri Valley Veterinary Association and of the Missouri Veterinary Medical Association, and is now serving a second term as secretary of the latter organization.

W. ROSS COOPER, Inspector, was born in Quasqueton, Buchanan Co., Iowa, Feb. 7, 1869; graduated from the Quasqueton high school, and from the veterinary department of the Iowa State College, at Ames, with degree of D. V. M.; practised veterinary medicine in Iowa, and also served as house surgeon in the veterinary department of the Iowa State College; was appointed assistant inspector Jan. 16, 1897, through civil-service examination, and on Sept. 12, 1900, was promoted to position of inspector.

A. W. SWEDBERG, Assistant Inspector, was born at Washington, D. C., July 1, 1868, and attended private and public schools of that city; took special scientific course at Virginia A. & M. College, Blacksburg, 1886-87; went to Ontario Veteri-

nary College and graduated in 1890 with degree of V. S.; was appointed from Richmond, Va., through civil-service examination, Dec. 10, 1895, and stationed at National Stock Yards, Ill.; transferred to St. Louis Jan. 1, 1896, and to Kansas City Oct. 30, 1899.

THOMAS W. CARNACHAN, Assistant Inspector, was born at Keel, Staffordshire, England, Dec. 31, 1865; attended school in Scotland for eight years; in 1880, at the age of fifteen entered the Glasgow Veterinary College, completing the course in 1883; being under age, was not permitted to receive diploma, and served for three years as assistant to Dr. Campbell, F. R. C. V. S.; after attaining the required age, received degree of M. R. C. V. S.; came to the United States two years later, and practised veterinary medicine in Iowa until appointed in the Bureau, Feb. 10, 1898, through civil-service examination.

HARRISON H. GEORGE, Assistant Inspector, was born at Noblesville, Ind., Oct. 17, 1858; attended public and normal schools at Valparaiso, Ind., and the Chicago Veterinary College, graduating from latter with degree of D. V. S.; passed his early life on a stock farm, taught school, and for seven years practised veterinary medicine; was appointed in the Bureau Feb. 24, 1898, through civil-service examination.

CHARLES H. CANFIELD, Assistant Inspector, was born in Akron, Ohio, May 20, 1875; graduated from high school and also attended Buchtel College at that city; took veterinary course at Ohio State University, graduating in 1897 with degree of D. V. M.; engaged in practice as assistant to Dr. W. C. Fair, Cleveland, Ohio; was appointed April 1, 1898, from Akron, through civil-service examination.

HERBERT B. CHANEY, Assistant Inspector, was born in Akron, Ohio, Nov. 4, 1871; received his veterinary education at the Ontario Veterinary College, graduating with degree of V. S.; was appointed in the Bureau April 1, 1898, through civil-service examination.

JAMES L. OTTERMAN, Assistant Inspector, was born in Allegheny Co., Pa., March 15, 1848; served in the Civil War as private in Co. D, 193rd Regt., and Co. H, 61st Regt., Pa. Vol. Inf.; graduated from Scio (Ohio) College, 1869, American Medical College, St. Louis, 1877, Kansas City Medical College, 1894, and Kansas City Veterinary College, 1898; holds degrees of M. S., M. D. and D. V. S., and is a registered pharmacist in Missouri and Kansas; has practised medicine and pharmacy; received appointment in the Bureau, through civil-service examination, Aug. 18, 1898, and was stationed at Louisville, Ky.; transferred to South St. Joseph, Mo., Dec. 20, 1898, and to Kansas City April 8, 1899.

ALBERT LONG, Assistant Inspector, was born at Blue Hill, Maine, June 25, 1862; attended and graduated from the Dwight school in Boston, and the veterinary department of Harvard University, receiving from latter the degree of M. D. V.; was engaged in the provision business up to 1892, when he entered upon the practice of the veterinary profession, which he continued until appointment in the Bureau, Dec. 1, 1898, through civil-service examination.

JOHN S. GROVE, Assistant Inspector, was born at Nimisila, Ohio, Feb. 14, 1870; was educated in the common and high schools of Summit Co., Ohio, the Ohio Normal University at Ada, and the Ontario Veterinary College, graduating from the latter institution March 25, 1892, with degree of V. S.; taught school for a short time, and for six years was in the employ of the Erie Railroad; was appointed in the Bureau April 10, 1899, through civil-service examination.

WESLEY N. NEIL, Assistant Inspector, was born at Tower Hill, Ill., Aug. 2, 1872; attended the public schools and the Ontario Veterinary College, graduating from latter with degree of V. S.; taught in the public schools; previous to entering the Bureau practised veterinary medicine for three years; was appointed from Tuscola, Ill., Oct. 16, 1899, through civil-service examination.

DANIEL S. HAYS, Assistant Inspector, was born at Waltham, Mass., Sept. 18, 1872; acquired veterinary education at Harvard Veterinary College, receiving degree of M. D. V., and engaged in veterinary practice from time of graduation until entering the service of the Bureau; was appointed from Waltham, Mass., Dec. 1, 1899, through civil-service examination, and stationed at Quincy, Ill., and on Sept. 24, 1900, was transferred to Kansas City.

DAVID C. HANAWALT, Assistant Inspector, was born at Frankfort, Ohio, Nov. 10, 1871; graduated from the Ontario Veterinary College with degree of V. S., and took a post-graduate course at Ohio State University; engaged in veterinary practice for six years prior to entering the Bureau, and for last three years of this time also engaged in the livery business; was appointed through civil-service examination, March 1, 1900.

GEORGE W. BROWNING, Assistant Inspector, was born at Vandalia, Ill., May 11, 1855; received education in common and high schools at Ramsey, Ill.; also attended New York Veterinary College, graduating with degree of V. S.; engaged in farming before graduation, and afterwards practised the veterinary profession; was appointed from Huntsville, Ala., April 5, 1900, through civil-service examination, and stationed at New York City; on Oct. 22, 1900, was transferred to Kansas City.

THOMAS WAUGH SCOTT, Assistant Inspector, was born at Duncrief, Ontario, Canada, June 12, 1864; attended public and high schools and the Ontario Veterinary College, graduating with degree of V. S.; later attended the medical college of the University of Nashville; practised veterinary medicine and surgery in Iowa and Tennessee until appointment in Bureau, April 10, 1900, through civil-service examination.

ISAAC WILLIAM O'ROURKE, Assistant Inspector, was born in Chicago, Ill., May 5, 1867; attended the public schools and the commercial high school in San Francisco, and the Royal Veterinary College, London, England, and graduated from latter institution with degree of M. R. C. V. S.; for six years was veterinarian to the board of health of the city and county of San Francisco; received appointment in the Bureau June 1, 1900, through civil-service examination.

NATHANIEL B. SMITH, Assistant Inspector, was born in Ohio, Sept. 3, 1868; attended the public schools and the Ohio State University, graduating in 1893 with degree of D. V. M.; previous to entering the university worked on a farm and in a saw-mill and a grist-mill, and did some work on public bridges and roads; was appointed by Governor McKinley in January, 1895, as a member of the Ohio State board of veterinary examiners, to fill out an unexpired term, and was later appointed for a full term; was secretary of the board for a year, and treasurer at time of resignation; was appointed in Bureau June 15, 1900, through civil-service examination.

NORRIS L. TOWNSEND, Assistant Inspector, was born in Chestertown, Md., Aug. 28, 1870; attended the public schools in Delaware and the University of Pennsylvania, graduating from the latter in 1899 with degree of V. M. D.; was appointed in the Bureau from Moorestown, N. J., June 15, 1900, through civil-service examination.

WILLIAM R. ANDRESS, Assistant Inspector, was born at Philadelphia, Pa., Dec. 4, 1878; attended public schools of that city and graduated from Central normal training high school in 1896; graduated with the class of 1900 from the veterinary department of the University of Pennsylvania with degree of V. M. D.; received appointment in the Bureau Aug. 23, 1900, through civil-service examination.

HARRY J. HAMMOND, Assistant Inspector, was born in Summit Co., Ohio, Sept. 11, 1874; graduated in 1896 from the Sharon (Ohio) high school, and in 1900 from the Ohio State University Veterinary College with degree of D. V. M.; was appointed Aug. 23, 1900, after civil-service examination.



WARREN J. FRETZ, Assistant Inspector, was born at Hamlin, Kans., Oct. 14, 1877; early education was received in public schools of Albany, Kans.; attended American Veterinary College, New York, graduating in the class of 1899 with degree of D. V. S.; was appointed Sept. 1, 1900, from Perkasié, Pa., through civil-service examination, and stationed at Chicago, but during the same month was transferred to Kansas City.

ROBERT HENRY THOMAS, Assistant Inspector, was born at Allentown, N. J., Oct. 5, 1867; graduated from veterinary department of McGill University in 1894, obtaining degree of D. V. S., and engaged in veterinary practice; was appointed from Rome, Ga., through civil-service examination, Dec. 15, 1900.

S. HUTSON CALDWELL, Assistant Inspector, was born at Ransom, Ill., Feb. 10, 1877; graduated from McKillip Veterinary College in 1897 with degree of M. D. V., and has since taken a supplementary course at Northwestern University Medical College; served as inspector of meats for city of Montgomery, Ala., and as district deputy State veterinarian in North Dakota; was appointed from Illinois, through civil-service examination, Dec. 27, 1900.

CLARENCE A. CLAWSON, Assistant Inspector, was born at Okeana, Ohio, Aug. 2, 1873; is a graduate of Ohio State University with degrees of B. Sc. Agr. and D. V. M.; was appointed from Ohio, after civil-service examination, Dec. 27, 1900.

I. N. VANCE, Clerk, was born in Virginia on Feb. 5, 1854; removed to Missouri in 1871; was married Dec. 27, 1876, to Miss Mary E. Lea, of Houston, Mo.; received appointment in the Bureau as tagger June 1, 1895, and within the month was promoted to clerk.

HIRAM G. HERRICK, Clerk, was born at Canton, Ohio, Nov. 28, 1841; attended public schools in Cleveland; from 1862 to 1865 served as private and sergeant in Co. D, 124th N. Y. Vol. Inf.; from 1865 to 1879 was a clerk in the New York bank clearing house; for five years was a clerk in the pension service, stationed at Topeka, Kans.; was appointed in the Bureau March 25, 1898, by transfer from the Department of the Interior.

GEORGE D. YOUNG, Clerk, was born in Fremont, Ohio, Jan. 8, 1868; was appointed in the Bureau from Sullivan, Mo., on March 16, 1898, through civil-service examination.

JOHN S. BIGGS, Clerk, was born in Bluffton, Ind., Nov. 21, 1869; attended the public schools and subsequently became a teacher; on April 15, 1898, was appointed from Wichita, Kans., as tagger at St. Joseph, Mo., through civil-service examination, and July 1, 1899, was promoted to position of clerk and transferred to Kansas City.

CHARLES E. BLACKMAR, Stock Examiner, was born at West Springfield, Erie Co., Pa., June 11, 1846; attended the public schools, normal school at Edinboro, Pa., and a commercial school; served in the civil war as private in Battery C, Ind. Pa. Lt. Art.; has had experience in railroad work, as telegraph operator, and in farming; was appointed in the Bureau as tagger, June 6, 1892, and served until Dec. 14, 1893; was reinstated Aug. 1, 1897, and promoted to stock examiner Feb. 1, 1898.

SAMUEL W. SMITH, Stock Examiner, was born in Wisconsin, April 10, 1840; served through the Civil War, from 1861 to 1865, as private in the 2nd Wis. Vol. Inf., lieutenant and captain in 30th Wis., and lieutenant-colonel in the 3rd U. S. Vol. Inf.; was appointed in the Bureau July 1, 1892, as tagger, and promoted May 1, 1896, to stock examiner.

HENRY MORLEY, Stock Examiner, was born in London, England, Oct. 19, 1829; came to the United States with his father in 1845 and the following spring

settled in Northwest Territory (now Wisconsin); emigrated in 1858 to Kansas, where he has resided ever since; served in the Civil War as sergeant in Co. D, 11th Kans. Vols., and in 1864 was commissioned captain in Kansas militia; was appointed in the Bureau from Oskaloosa, Kans., as tagger, Sept. 15, 1892, and served until Dec. 14, 1893; was reinstated Aug. 1, 1897, and promoted to stock examiner, Oct. 1, 1900.

THOMAS A. McLELAND, Stock Examiner, was born in Clinton Co., Iowa, April 18, 1835; attended the public schools; served as corporal in Co. E, 9th Kans. Cav.; has engaged in farming and stock raising; was appointed tagger Oct. 19, 1892; was out of the service for a time, and was reinstated Aug. 1, 1897, and promoted to stock examiner, Sept. 26, 1900.

ROBERT E. L. JACKSON, Stock Examiner, was born in Howard Co., Mo., April 19, 1866; attended public schools; was a farmer and a butcher previous to entering the Bureau; was appointed June 19, 1893, as tagger, and promoted Nov. 19, 1894, to present position.

JOHN L. LOBB, Stock Examiner, was born in Jackson Co., Mo., Oct. 25, 1848; was educated in common and high schools; engaged in buying and shipping cattle and hogs previous to entering the Bureau; was appointed Oct. 1, 1893, as tagger and promoted to present position May 1, 1894.

CHARLES ADAMS, Stock Examiner, of Missouri, entered the service of the Bureau Oct. 1, 1893, as tagger, and was promoted to his present position May 1, 1896.

MICHAEL J. MADDEN, Stock Examiner, was born in Madison, Ind., July 3, 1855; attended the public schools; became a farmer and stock raiser; was appointed Oct. 1, 1893, as tagger, and promoted May 1, 1896, to stock examiner; has taken a special course at Kansas City Veterinary College.

HARRY D. FREEMAN, Stock Examiner, was born in Fairfield, Iowa, Nov. 17, 1873; received common school education; engaged in the business of herding cattle and afterwards in the express business; was appointed in the Bureau from Paola, Kans., as tagger, Nov. 1, 1893, and promoted to stock examiner Oct. 1, 1895; married Miss Lillie May Humphrey in 1894.

EDMUND WILLIAM BELL, Stock Examiner, was born in Geauga Co., Ohio, May 7, 1853; was educated in public and normal schools in Nebraska; before entering the Bureau was engaged in farming and stock raising; was appointed as tagger, Nov. 15, 1893, from Kansas City, Kans., and promoted to stock examiner May 1, 1896.

WASHINGTON GOBBLE, Stock Examiner, was born in Washington Co., Va., April 10, 1854; attended the public schools; removed to Missouri in 1858; passed his boyhood on a farm, and engaged in farming and stock raising until 1882; was married Dec. 25, 1882; held a clerical position from 1882 to 1894; was appointed in the Bureau Feb. 15, 1894.

GEORGE T. CATHEL, Stock Examiner, was born in Monroe Co., Ohio, April 30, 1854; was educated in the public schools; began farming in Illinois and engaged in business of selling farm implements and machinery; was appointed Feb. 12, 1894.

JOSIAH D. FLORA, Stock Examiner, was born at Rocky Mount, Franklin Co., Va., March 28, 1852; was educated in the public schools of Virginia, Ohio and Illinois; married in 1876; at different times followed the vocations of farmer, merchant, newspaper reporter and travelling salesman, and was postmaster at Pomona, Kans., from 1885 to 1889; was appointed in the Bureau April 1, 1894, as tagger, and promoted to present position May 16, 1895; has taken a special course in meat inspection at the Kansas City Veterinary College.

A. E. WAGNER, Stock Examiner, was born in Natchez, Miss., Nov. 27, 1840; was appointed from Kansas City, Kans., May 1, 1894.

J. H. RICHARDSON, Stock Examiner, was born in Yorkshire, England, March 11, 1841; received education in private school in that country; was a butcher and stock auctioneer previous to entering the Bureau service, and was appointed May 3, 1894, from Pleasant Hill, Mo.

PORTER MORGAN, Stock Examiner, was born in Jackson Co., Mo., April 5, 1860; was educated in the public schools; engaged in farming and railroad work; received appointment in the Bureau May 7, 1894.

JOHN DAVID COOPER, Stock Examiner, was born in Kentucky, April 13, 1844; received education in public schools; for several years engaged in farming and raising live stock, and afterwards in merchandising; was appointed in the Bureau at Kansas City, Nov. 15, 1894; transferred to Leavenworth, March 1, 1900, and back to Kansas City a month later; has taken a course at Kansas City Veterinary College, receiving degree of V. S.

GEORGE A. FRANKLIN, Stock Examiner, was born in Jackson Co., Mo., Dec. 11, 1850; attended the public schools through the high school; became a farmer and stock raiser; held a position under the Government in the internal revenue department from Aug. 17, 1885; was appointed in the Bureau June 17, 1895.

CHARLES W. ROWSE, Stock Examiner, was born at Upper Sandusky, Ohio, March 8, 1854; was appointed from Whiting, Ind., Nov. 11, 1895, through civil-service examination and stationed at Chicago; was transferred to Kansas City, May 19, 1900.

WILLIAM BURGESS, Stock Examiner, was born in England, Sept. 5, 1845; was educated at Wycliffe House Academy, Buckingham, Eng., taking classical and commercial courses; came to the United States in 1872; settled at Crete, Nebr., and engaged in farming and in importing fine stock from England; was appointed May 1, 1896, through civil-service examination.

MOREY SAPPINGTON, Stock Examiner, was born in St. Louis Co., Mo., March 5, 1875; was appointed from Kansas City, Mo., through civil-service examination, as tagger, May 1, 1896, and promoted to stock examiner Aug. 1, 1898.

OLIVER W. BYRD, Stock Examiner, was born at Ladoga, Ind., Aug. 6, 1854; was educated in the public and normal schools of Indiana and studied pharmacy at the Illinois State University; was reared on a farm; engaged in the drug business for five years, and for fifteen years afterwards engaged in farming and teaching school; was appointed tagger July 15, 1896, through civil-service examination, and promoted to present position Aug. 1, 1898.

WILLIAM B. GARLICK, Tagger, was born in Illinois in 1839; lived on a farm and received his education in the public schools; served as private in Co. G, 13th Ill. Inf.; was appointed in the Bureau from Kansas City, Kans., June 8, 1891, and served until Oct. 31, 1893; was reinstated Aug. 1, 1897.

JOHN E. HART, Tagger, was born in Highland Co., Ohio, Nov. 27, 1843, and was educated in the public schools; served as private in Co. E, 117th Ohio Vol. Inf. (afterwards 1st Ohio H. A.), and advanced to sergeant; has been postmaster at Stanton, Iowa, and at Franklin, Nebr., and superintendent of letter-carriers at South Omaha; was appointed in the Bureau at South Omaha, July 1, 1891, and served until May 15, 1893; was reinstated Oct. 15, 1897; transferred to Lincoln, April 5, 1898, and to Kansas City, Aug. 10, 1898.

HARRISON H. KNOX, Tagger, was born in Orange Co., N. Y., Oct. 15, 1837; attended public schools; served as private in Co. C, 1st Cal. Vol. Cav.; has been a farmer; was appointed in the Bureau from Emporia, Kans., Dec. 1, 1891, and served until Oct. 31, 1893; was reinstated Nov. 1, 1897.

JAMES R. STAFFORD, Tagger, was born in Randolph Co., Ind., May 17, 1847, served in the Civil War in Co. K, 102d U. S. C. I., as corporal; was appointed Dec. 1, 1891, removed Sept. 10, 1892, and reinstated Feb. 7, 1898.

NELSON E. WEAVER, Tagger, was born in Vermilion Co., Ill., June 27, 1841; served in the Civil War from July, 1862, to Aug. 7, 1865, as private in Co. C, 11th Kans. Vol. Cav.; was appointed in the Bureau Dec. 21, 1891; resigned May 31, 1892, and was reinstated Dec. 28, 1897.

JAMES M. STEEL, Tagger, was born at Bedford, Ohio, Oct. 10, 1838; served in the Civil War, from 1862 to 1865, as corporal in 87th Ind. Inf., also in 1st U. S. Engineers; was appointed from Topeka, Kans., July 1, 1892; was out of the service from Sept. 30, 1893, until Aug. 1, 1897, when he was reinstated.

AUGUST JOST, Tagger, was born in the city of Ems, province of Nassau, Germany, Jan. 17, 1842; came to this country when five years old, and settled in Missouri; responded to President Lincoln's first call for volunteers, and served as private in Co. C, 5th Mo. Vol. Inf., and Co. D, Fremont body guard cavalry; was appointed in the Bureau from Kansas City, Kans., Aug. 10, 1892, and served until Nov. 30, 1893; was reinstated Aug. 18, 1897.

ERNEST E. LAIRD, Tagger, was born in Chillicothe, Ohio, March 16, 1848; received common school education; served as musician in Co. A, 63d Ohio Vol. Inf.; farmed and engaged in business of contractor; was appointed under President Harrison as watchman in Topeka post-office; received appointment in the Bureau from Topeka, Kans., Oct. 19, 1892; was out of the service from Jan. 21, 1894, until reinstated Sept. 15, 1897.

ALBERT FOWKES, SR., Tagger, was born in Springfield, Ill., Jan. 21, 1844; attended the public schools; served as private in Co. H, 7th Ill. Cav., and as second lieutenant in Co. F, 48th U. S. Col. Inf.; worked at the vocation of engineer and steam-fitter; was appointed in the Bureau from Topeka, Kans., Jan. 1, 1893, and served for a little over a year; was reinstated Aug. 8, 1897.

BERNARD CUNNINGHAM, Tagger, was born in Kansas City, Mo., Nov. 25, 1877; was educated in the public schools and at St. Mary's College, St. Mary's, Kans.; was appointed Dec. 15, 1893.

DANIEL S. PLATT, Tagger, was born at Schroon Lake, N. Y., July 28, 1844; served in 22d N. Y. Vols. and 2d N. Y. Vet. Cav. from 1861 to 1865; also served as hospital steward in the U. S. Army from 1872 to 1892; was appointed in the Bureau from Kansas City, Kans., Jan. 22, 1894.

J. W. SHANNON, Tagger, was born in Peoria, Ill., July 10, 1850; was appointed from Kansas City, Kans., Feb. 1, 1894.

ANDREW JACKSON HENLEY, Tagger, was born in Kentucky, Nov. 19, 1840; attended the Missouri State University; prior to entering the Bureau was a farmer and a grocer; was appointed May 1, 1895.

WILLIAM H. SAUNDERS, Tagger, was born at Bolckow, Andrew Co., Mo.; was appointed from Omaha, Nebr., April 5, 1898, through civil-service examination, and stationed at South Omaha; was transferred to Kansas City, Aug. 21, 1899.

MILTON C. LINT, Tagger, was born at Pocahontas, Pa., July 22, 1853; received education in public schools of Pennsylvania and normal school at Valparaiso, Ind., graduating from the latter with degree of B. S.; took a course at Gem City business college and received degree of Master of Accounts; taught school sixteen years; was a surveyor for two years and at intervals followed trade of carpenter; was appointed through civil-service examination, Aug. 1, 1898.

HENRY R. McNALLY, Tagger, was born in St. Louis, Mo., Nov. 18, 1870; attended the public schools of that city; served apprenticeship and worked as horse-shoer

for three years; was a letter-carrier and later became a street car conductor, resigning the latter position to enter the Bureau, after a civil-service examination, Nov. 15, 1898.

LARKIN SAMUEL CAMPBELL, Tagger, was born in Shawnee Co., Kans., April 26, 1871; attended the public schools and Campbell University; for seven years taught school during the winter and farmed and studied during the summer; married in 1894; was appointed from Tecumseh, Kans., through civil-service examination, Nov. 17, 1898.

ORVILLE A. STINGLEY, Tagger, was born in Manhattan, Kans., March 26, 1877; graduated from grammar and high school in 1892; entered Kansas State Agricultural College at Manhattan, and graduated in 1896; was appointed through civil-service examination Jan. 16, 1899.

THOMAS B. REA, Tagger, was born in Missouri, Aug. 10, 1868; was appointed May 24, 1900, through civil-service examination.

ERNEST DAY EVERETT, Tagger, was born at Mexico, Mo., Jan. 24, 1878; graduated from Baker University, Baldwin, Kans., in 1899, with degree of A. B.; was appointed from Baldwin, through civil-service examination, Oct. 10, 1900.

THOMAS R. TAYLOR, Tagger, was born at Summerfield, Ohio, March 6, 1861; went to Kansas in 1879; spent four years in Baker University, and taught school twelve years; is a graduate of Spalding's Commercial College, Kansas City, Mo.; received appointment in the Bureau Oct. 10, 1900, from Media, Kans., after civil-service examination.

#### *Assistant Microscopists.*

NAME.	State from which Appointed.	Date of Original Appointment.
Mrs. May B. Schoettler,	Mo.	a Sept. 18, 1891
Miss Mary McCarthy,	Mo.	May 28, 1892
Miss Josie Hanrahan,	Mo.	a June 1, 1892
Miss Kate Lynch,	Mo.	a June 1, 1892
Mrs. Amelia Barthels,	Mo.	June 17, 1892
Miss Tessie Linderman,	Kans.	June 18, 1892
Miss Millie Martin,	Kans.	a June 23, 1892
Miss Emma M. Wyatt,	Mo.	July 25, 1892
Miss Nora Osborne,	Kans.	Dec. 29, 1892
Miss Cora L. Williams,	Kans.	a Dec. 29, 1892
Miss Dorathea Holt,	Kans.	a Jan. 1, 1893
Miss Kate Martana,	Mo.	Jan. 6, 1893
Miss Stella Sweet,	Mo.	June 9, 1893
Miss Ida Bannister,	Mo.	Aug. 15, 1893
Miss Mary Bunce,	Mo.	Aug. 15, 1893
Miss Mary L. Burke,	Mo.	Aug. 15, 1893
Miss Sallie A. Evans,	Mo.	Aug. 15, 1893
Miss Herman J. Kelly,	Mo.	Aug. 15, 1893
Mrs. Margaret Mertell,	Mo.	Aug. 15, 1893
Miss Jennie Tunstall,	Mo.	Aug. 15, 1893
Mrs. Midge Frechette,	Mo.	Aug. 21, 1893
Miss Mary Henry,	Mo.	Aug. 21, 1893
Miss Emma I. Torrence,	Mo.	Sept. 2, 1893
Mrs. Fannie B. Woodson,	Mo.	Sept. 20, 1893
Mrs. Martha L. Wisdom,	Mo.	Sept. 28, 1893
Miss Salie Hughes,	Kans.	Apr. 18, 1895
Miss Florence E. Gray,	Mo. c. s.	Dec. 8, 1897
Miss Louise C. Olson,	Kans. c. s.	Dec. 28, 1897
Miss Maude E. Rowles,	Kans. c. s.	Jan. 20, 1898

NAME.	State from which Appointed.	Date of Original Appointment.
Mrs. Anna E. Bale,	Kans. c. s.	Jan. 29, 1898
Miss Nellie B. Crowley,	Mo. c. s.	Jan. 29, 1898
Miss Hattie M. Johnson,	Kans. c. s.	Jan. 29, 1898
Mrs. Bessie J. Matson,	Kans. c. s.	Jan. 29, 1898
Mrs. Elizabeth L. McCane,	Kans. c. s.	Jan. 29, 1898
Miss Jessie E. Rogers,	Mo. c. s.	Jan. 29, 1898
Mrs. Clara M. Waldo,	Kans. c. s.	Jan. 29, 1898

Those marked c. s. were appointed through civil-service examination.

a. Subsequently appointed through civil-service examination.

ROBERT IVERS, Laborer, of Missouri, appointed Jan. 8, 1900.

#### PORTLAND, MAINE.

FRED W. HUNTINGTON, Inspector in charge, was born at Monmouth, Maine, Feb. 8, 1857; was educated in the schools of Portland, Westbrook Seminary, and American Veterinary College, graduating from the last-named school in 1882 with degree of D. V. S.; practised the veterinary profession prior to entering the Government service; was appointed from Portland on Jan. 1, 1892.

FRED W. SERGEANT, Laborer, of Maine, was appointed Nov. 27, 1896.

#### BOSTON, MASS.

A. G. G. RICHARDSON, Inspector in charge, was born at Ithaca, N. Y., July 6, 1870, and attended the public schools of that city; took three years of the agricultural course at Cornell University, and afterwards attended the veterinary department of the University of Pennsylvania, graduating with degree of V. M. D.; served as paymaster for a firm of building contractors for three years; received appointment as assistant inspector at Chicago, from Ithaca, Dec. 1, 1894, after civil-service examination; was transferred to Cincinnati and placed in charge Sept. 25, 1895; promoted to inspector July 1, 1896; transferred to Boston (in charge) Feb. 24, 1898; is instructor in meat inspection at Harvard University.

JAMES JOHNSTON, Inspector, was born in Dundee, Scotland, Jan. 19, 1860; attended common schools and private academy; holds degree of V. S. from Ontario Veterinary College, 1883, and degree of M. D. conferred in 1885; engaged in active veterinary practice from 1883 until time of entering the service of the Bureau; was appointed from St. Joseph, Mo., as assistant inspector at Philadelphia, through civil-service examination, Nov. 18, 1895; transferred to Boston Dec. 1, 1899, and promoted to inspector June 2, 1900.

JOHN A. KIERNAN, Inspector, was born at Jersey City, N. J., July 27, 1873; acquired veterinary education at New York College of Veterinary Surgeons, receiving degree of V. S., and engaged in practice; was appointed from Jersey City, through civil-service examination, Nov. 11, 1896, as assistant inspector at Chicago; was transferred to the quarantine service under Col. Dean, July 14, 1898, and back to Boston, March 12, 1900; received promotion to inspector Sept. 15, 1900.

PATRICK H. MULLOWNEY, Inspector, was born in Boston, Mass., May 15, 1870; is a graduate of the Harvard University veterinary school, holding degree of M. D. V.; engaged in general practice for seven years; was appointed from Boston, through civil-service examination, Jan. 17, 1898, as assistant inspector in the

quarantine division at Kansas City; was transferred to Boston, Aug. 10, 1898, and subsequently promoted to inspector.

HARRY Q. THOMPSON, Assistant Inspector, was born at Portland, Maine, July 26, 1873; was educated in public schools of Portland and Deering, Shaw's Business College, Portland, and New York College of Veterinary Surgeons; received appointment in the Bureau from Portland, Feb. 1, 1898, through civil-service examination.

ALEXANDER E. WIGHT, Assistant Inspector, was born at Medfield, Mass., April 14, 1876; attended Medfield high school three years, Dean academy, Franklin, Mass., two years, and entered Harvard Veterinary College in 1894, graduating in 1897; engaged in general practice in Medfield and vicinity until appointed to the Bureau service, Dec. 15, 1898, through civil-service examination.

GEORGE BYRON MORSE, JR., Assistant Inspector, was born at Philadelphia, Pa., Nov. 25, 1860; attended high schools in that city, and took scientific and medical courses at University of Pennsylvania, graduating in 1882 with degrees of M. D. and Ph. D.; since that year has been engaged in practice of medicine; from 1882 to 1890 also served as home missionary pastor, one year in Salt Lake City, Utah, and seven years in Bozeman, Mont., and for two years was president of Bozeman Collegiate Institute; leaving the West for his health, held pastorates in New Jersey and Ohio, gradually turning attention entirely to medicine; entered New York College of Veterinary Surgeons and took degree of V. S. in 1899; received appointment in the Bureau Aug. 15, 1899, through civil-service examination; shortly after coming to Boston was made professor of pathology and bacteriology in College of Physicians and Surgeons.

EDGAR A. CROSSMAN, Assistant Inspector, was born at Vanceboro, Maine, May 21, 1870; is a graduate of the veterinary department of Harvard University; received temporary appointment in the Bureau from Boston, July 1, 1900, and on Dec. 6, 1900, was regularly appointed through civil-service examination.

ARTHUR C. FITZPATRICK, Assistant Inspector, was born at Boston, Mass., Aug. 24, 1878; is a graduate of Harvard Veterinary School, class of 1900, with degree of M. D. V.; received appointment in the Bureau, through civil-service examination, Aug. 17, 1900.

THOMAS COYLE, Vessel Inspector, was born in Chicago, Ill., April 14, 1860; attended the grammar and high schools; was appointed from New York as stock examiner at Boston, Jan. 2, 1888, and promoted to his present position Feb. 1, 1900.

CYRUS KENDRICK SMALL, Clerk, was born at Bowdoinham, Maine, Oct. 30, 1870; received education in common schools of Quincy and Boston, Mass., and at Boston Latin School; has had experience in wholesale provision and packing houses as clerk, foreman and salesman; was appointed as tagger Jan. 8, 1896, through civil-service examination, and promoted to clerk after further examination, Oct. 1, 1898.

HENRY W. BUSTEED, Clerk, was born at Boston, Mass., Feb. 18, 1861; was educated in grammar school and English high school of that city; before entering the Bureau was in employ of Mutual Union Telegraph Co.; received appointment as tagger at Portland, Maine, through civil-service examination, Feb. 1, 1896; was transferred to Boston June 1, 1896, and promoted to clerk Oct. 1, 1899.

WILLIAM PETER CHERRINGTON, Stock Examiner, was born in Boston, Mass., April 1, 1835; graduated from Hawes grammar school, Boston, receiving a "Franklin medal"; attended English High School; in 1850 began work in a book store and was connected with this business until 1865; then entered City Printing Establishment and was superintendent until 1868, when he removed to Pittsburgh, Pa., returning to Boston in 1870; spent two years in local advertising enterprises and publishing a weekly paper; from this time until 1886 was in em-

ploy of a lumber firm as bookkeeper and salesman and afterwards as superintendent; devoted following four years to advancing legislation in behalf of organized labor, a period marked by the passage of a number of such measures: married May 1, 1855; joined the Masonic fraternity in 1865 and for 34 years has been a member of Massachusetts Consistory, thirty-second degree; is a charter member and was first financial secretary of Boston Veteran Firemen's Association; for many years has been an active worker in the cause of labor reform, being a Past M. W. of the Knights of Labor and of the Central Labor Union of Boston; was elected to the Boston City Council in 1885 and 1886, and carried through the first eight-hour ordinance ever passed by a city government; was appointed tagger in the Bureau Dec. 1, 1893, and a year later promoted to his present position.

PHILLIP J. FANNING, Stock Examiner, was born in Needham, Mass., March 6, 1870; was appointed in the Bureau Jan. 2, 1894, as tagger, and promoted to stock examiner Jan. 14, 1896.

GEORGE D. WARNER, Stock Examiner, was born in Lima, N. Y., Jan. 10, 1862; received his education in the public schools and the Genesee Wesleyan Seminary, graduating from the latter with the class of 1880; was appointed in the Bureau from Binghamton, N. Y., Nov. 18, 1895, as tagger, through civil-service examination, and promoted to stock examiner July 1, 1898.

LEWIS L. BULLARD, Tagger, was born at Wrentham, Mass., June 6, 1837; served in the Civil War as corporal in Co. F., 4th Mass., and sergeant in Co. K, 23d Mass. Inf.; in 1875 was appointed to a position in weighing department of Boston custom house; was appointed in the Bureau Nov. 19, 1890.

JOHN SHANNON, Tagger, was born in Scotland in 1837; came to the United States and resided at Plymouth, Mass.; at the outbreak of the Civil War enlisted as private in Co. E, 29th Mass. Vol. Inf., advancing to second lieutenant; was twice wounded and once captured, and was mustered out July 29, 1865; received appointment in the Bureau Feb. 9, 1891, and died Dec. 30, 1899.

FRANK H. BURLEIGH, Tagger, was born at East Haverhill, N. H., Dec. 22, 1864; previous to entering the Bureau was employed in a packing house; was appointed from Woburn, Mass., Sept. 28, 1891.

GEORGE HENRY OLIVER, Tagger, was born at Saugus, Mass., Jan. 6, 1842; during the Civil War served as private in Co. D, 8th Mass. Vol. Inf.; was appointed in the Bureau from Lynn, Mass., on Dec. 7, 1891; died Jan. 21, 1898.

WILLIAM HENRY TOZIER, Tagger, was born April 27, 1835, at Ipswich, Mass., where most of his life was spent; served in the Civil War as private and first sergeant in Co. K, 2d Mass. Regt., and afterwards on colonel's staff in 8th Mass. Regt.; took part in twenty-six battles and was wounded five times; from 1871 to 1873 was a member of the State constabulary force; in 1881 served his town as representative in the Legislature; was connected with Union Veterans Union of Boston for nearly ten years prior to his death, and was also a member of the Masonic fraternity and at one time Worshipful Master of his lodge; received appointment in the Bureau Dec. 21, 1891; died March 31, 1900.

FRANK NATHANIEL BROWN, Tagger, was born at Brookfield, Vt., Jan. 22, 1849; received education in Boston public schools and Massachusetts Institute of Technology; was appointed July 2, 1896, through civil-service examination.

JAMES G. JEFFREY, Tagger, was born at Groton, Mass., Sept. 22, 1858; before entering the Government service was a dealer in beef and lambs; received appointment from Lynn, Mass., Feb. 1, 1898, through civil-service examination.

JAMES S. KENNEALLY, Tagger, was born in Boston, Mass., April 24, 1876; attended public grammar and high schools of Boston and afterwards took a course at a commercial college; was employed as messenger and later as clerk with the



Boston Transit Commission, under appointment from Massachusetts civil-service clerical list, during the building of the Boston subway; received appointment in the Bureau May 23, 1898, through civil-service examination.

FRANK P. NOWLAN, Tagger, was born in Massachusetts, Feb. 10, 1871; prior to appointment in the Bureau was employed as cigar salesman; was appointed from Boston, through civil-service examination, April 19, 1899.

WINFIELD E. BERRY, Tagger, was born in South Boston, Mass., Aug. 10, 1875; attended grammar and high schools in Boston and also received private instruction; filled clerical positions in railroad and other offices and served as messenger in the Boston office of the U. S. Weather Bureau; was appointed in the Bureau of Animal Industry Feb. 11, 1899, after passing civil-service examination.

WALTER H. HERSEY, Tagger, was born in Quincy, Mass., Dec. 5, 1873; attended the Quincy grammar and high schools and Bridgewater State normal school, and worked at house-painting; was appointed from Quincy, through civil-service examination, Oct. 23, 1899.

ALFRED LOVEJOY BAILEY, Tagger, was born at Andover, Mass., Jan. 31, 1879; is a graduate of the Lowell high school, Lowell, Mass.; was appointed from that city on Jan. 18, 1900, after civil-service examination.

CHARLES B. HUTCHINSON, Tagger, was born at Boston, Mass., Jan. 9, 1875; received grammar school education, and was afterwards employed as clerk with provision firm; was appointed March 1, 1900, through civil-service examination.

LINUS E. SARGENT, Tagger, was born at Chittenden, Vt., Aug. 31, 1866; was educated in the common schools; engaged in farming and taught school in the winter time; was employed with the Howe Scale Co. two years; received appointment in the Bureau, Aug. 1, 1900, through civil-service examination.

#### *Assistant Microscopists.*

NAME.	State from which Appointed.	Date of Appointment.
Miss Mary F. Langdon,	Mass.	Sept. 26, 1891
Mrs. Etta L. Williams,	"	Oct. 28, 1891
Miss Abbie F. Gage,	"	Dec. 7, 1892
Miss Cora L. Seeley,	"	Dec. 19, 1892
Miss Carrie I. Ellsworth,	"	Dec. 31, 1892
Miss Anna Erickson,	"	July 5, 1893
Mrs. Emma H. Ellsworth,	"	Jan. 25, 1894
Miss Margaret V. Slater,	"	Apr. 18, 1894
Miss Florence I. Turner,	"	Apr. 18, 1894
Mrs. Mary E. Macloskey,	"	Apr. 22, 1894
Miss Carlotta L. Ward,	"	Apr. 22, 1894
Mrs. Abbie M. Farwell,	Ill.	Feb. 9, 1895
Miss Gertrude H. Ellison,	Mass. c. s.	Nov. 17, 1896
Miss Violet A. Hall,	" "	Nov. 17, 1896
Miss Helen M. Cogan,	" "	Apr. 5, 1898
Miss Mima M. Dean,	" "	Apr. 5, 1898
Miss Elizabeth M. Driscoll,	" "	Apr. 5, 1898
Mrs. Alice N. Foss,	" "	Apr. 5, 1898
Mrs. Carrie B. Hosler,	" "	Apr. 5, 1898
Miss Sarah G. Kelley,	" "	Apr. 5, 1898
Miss Eliza M. Taylor,	" "	Apr. 5, 1898
Miss Alice M. Watkeys,	" "	Apr. 5, 1898
Miss Effie I. Wescott,	" "	Apr. 5, 1898

Those marked c. s. were appointed through civil-service examination.

HARRY F. HUME, Laborer at animal quarantine station, Littleton, Mass., appointed May 29, 1896.

## WORCESTER, MASS.

EDWARD P. DOWD, Inspector in charge, was born in Boston, Mass., Feb. 22, 1868; acquired his education in the grammar and high schools of that city, and the veterinary school of Harvard University, receiving degree of D. V. M.; after graduation practised veterinary medicine for five years; on Sept. 16, 1895, was appointed assistant inspector at National Stock Yards, Ill., from Boston, through civil service examination; transferred to Philadelphia, Sept. 9, 1896, to Boston, April 1, 1897, and to Worcester (in charge) Feb. 1, 1898, and on Dec. 21, 1898, was promoted to grade of inspector.

HENRY LELAND, Tagger, was born at Dayton, Ohio, March 17, 1858, and attended grammar and high schools of that city; was principally engaged in farming prior to entering the service of the Bureau; received appointment from Lancaster, Mass., Feb. 1, 1898, after civil-service examination.

## BRIGHTWOOD, MASS.

WILBUR J. MURPHY, Inspector in charge, was born in New York City, Feb. 16, 1871; attended public schools and the College of the City of New York; acquired veterinary education at American Veterinary College, receiving degree of D. V. S.; for a number of years engaged in veterinary practice in New York City; was appointed assistant inspector at New York, Dec. 2, 1895, through civil-service examination, and transferred to his present station June 1, 1900; promoted to inspector June 2, 1900.

ALBERT C. CHAPIN, Tagger, was born in Chicopee, Mass., Aug. 1, 1867; received his education in the public schools; entered the United States Army in January, 1888, and served as private and non-commissioned officer; was appointed in the Bureau at Boston from Newport, R. I., through civil-service examination, Feb. 14, 1899.

## NEW HAVEN, CONN.

NATHAN K. FEGLEY, Inspector in charge, was born at Mertztown, Berks Co., Pa., Jan. 14, 1866, and was reared on a farm; completed course of study in public schools; attended Keystone State Normal School, Kutztown, Pa., several spring terms, teaching school during winters, and finally graduated; also attended Ontario Veterinary College, Toronto, Canada, and National Veterinary College, Washington, D. C., graduating from latter with degree of D. V. S.; took a night course and graduated in chemistry at Cooper Union, New York City; practised veterinary medicine one year at Pottsville, Pa.; was appointed assistant inspector through civil-service examination, June 8, 1896, and stationed at Jersey City, N. J.; promoted to inspector July 1, 1900; transferred to New Haven and placed in charge Nov. 8, 1900.

JOHN L. ATCHISON, Tagger, was born Jan. 25, 1876, at Hartford, Conn.; for six years previous to present position was employed in mechanical department of newspaper; was appointed from Hartford July 1, 1900, through civil-service examination.

## NEW YORK, N. Y.

### MEAT INSPECTION.

HARRY N. WALLER, Inspector in charge, was born at Benares, British India, Aug. 19, 1859; attended Wimbledon school, England, taking preparatory course for Royal Military College, Sandhurst, 1874 and 1875; subsequently attended college at Toulon, France, preparatory course for military college at St. Cyr and

the Polytechnique; came to the United States in 1880, and bought a ranch near Sioux City, Iowa, and engaged in stock raising and farming until 1887; then went to Ontario Veterinary College, graduating with degree of V. S. in 1889; engaged in veterinary practice at Windom, Minn., from 1890 to 1893; in 1892 was resident State secretary for U. S. Veterinary Medical Association; from 1893 to 1895 practised at Huntsville, Ala., and Geneva, Nebr.; was appointed assistant inspector at Chicago, June 1, 1895, through civil-service examination; transferred to Pittsburg, Feb. 26, 1896, and placed in charge; promoted to inspector April 1, 1898; transferred to present station Nov. 15, 1900.

LOUIS ABEL, Inspector, was born July 3, 1870, at Brooklyn, N. Y.; received a public school education, and attended New York College of Veterinary Surgeons, graduating with degree of V. S.; was appointed in the Bureau through civil-service examination, Oct. 1, 1896, as assistant inspector at Buffalo, N. Y.; in June, 1897, was transferred to New York City, and on July 1, 1900, promoted to inspector.

E. BALZER, Microscopist, was born at Coire, Switzerland, April 23, 1852; attended primary and high schools at St. Gall, Switzerland; was employed by the Swiss Government six years in the military surveying department; then studied medicine at the University of Berne, graduating with degree of M. D. in 1883; practised medicine five years in Switzerland and three years in Philadelphia; was appointed May 25, 1891, and stationed at Chicago, where he had charge of the microscopic inspection of pork; on March 18, 1899, was transferred to a similar position in the meat-inspection service at New York.

JOHN B. HOPPER, Assistant Inspector, was born in Englewood, N. J., July 30, 1871; received education in public schools of Ridgewood, N. J., Wiggins classical seminary and MacChesney's college, Paterson, N. J., and American Veterinary College, New York, graduating from the latter with the degree of D. V. S.; engaged in veterinary practice; was appointed from Ridgewood, Nov. 15, 1893, and stationed at Garfield, N. J., in charge of quarantine station; transferred to New York, Aug. 1, 1897.

JOHN V. LADDEY, Assistant Inspector, was born in Mannheim, Germany, April 20, 1876; came to the United States in 1888; attended the American Veterinary College, graduating with degree of D. V. S.; served as assistant to several veterinarians, and finally entered private practice; was appointed in the Bureau at Boston, from Arlington, N. J., through civil-service examination, March 1, 1898, and transferred to New York Dec. 1, 1898.

ARCHIBALD HAY WALLACE, Assistant Inspector, was born in New York City, July 18, 1875; attended the public schools at Freehold, N. J., and was graduated from the high school in 1893; received degree of D. V. M. from the veterinary department of the University of Pennsylvania in 1897; was appointed in the Bureau from Turkey, N. J., after civil-service examination, Feb. 23, 1899, and stationed at Chicago; in the following month was transferred to National Stock Yards, Ill., and on June 1, 1900, to New York.

JOSEPH J. THACKABERRY, Assistant Inspector, was born in Ireland, May 22, 1867, and came to the United States in 1889; graduated from New York College of Veterinary Surgeons in 1895 with degree of V. S.; on April 20, 1899, was appointed in the Bureau at South St. Joseph, Mo., from New York City, through civil-service examination, and transferred to New York Jan. 22, 1900.

FREDERICK L. STEVENS, Assistant Inspector, was born at Lewiston, Maine, Oct. 24, 1860; attended public schools, Wilton academy and Maine State College of Agriculture and Mechanic Arts (now University of Maine), graduating from the course of chemistry in 1884 with degree of B. S.; engaged in farming and school teaching; went to New York College of Veterinary Surgeons and took degree of V. S. in 1895, after which he practised the veterinary profession; received appointment through civil-service examination, July 10, 1899.

EMERSON J. CARY, Assistant Inspector, was born in North Adams, Mass., May 12, 1872; attended the public schools of his native place, graduating from the high school; entered the veterinary department of McGill University, Montreal, from which he was graduated with degree of D. V. S.; engaged in practice of veterinary medicine; was appointed in the Bureau from Pittsfield, Mass., June 1, 1900, through civil-service examination.

RUSSELL G. LAWTON, Assistant Inspector, was born in Canada, Dec. 20, 1863; is a graduate of New York College of Veterinary Surgeons with degree of V. S.; engaged in veterinary practice five years; was appointed from New York City, Feb. 15, 1900, through civil-service examination, and stationed at Kansas City; transferred to New York Oct. 22, 1900.

WILLIAM R. HYNES, Assistant Inspector, was born in London, England, Dec. 18, 1872; is a graduate of Ontario Veterinary College (V. S., 1895), and of Rush Medical College, Chicago, (M. D., 1900); was appointed from Chicago, June 1, 1900, through civil-service examination.

JOHN D. DE RONDE, Assistant Inspector, was born at Spring Valley, N. Y., April 18, 1865; graduated from American Veterinary College in 1887 with degree of D. V. S., and for the following thirteen years practised the veterinary profession at Nyack, N. Y.; received appointment Sept. 27, 1900.

W. A. WILLARD, Clerk, was born in Orford, N. H., Oct. 17, 1835, and attended the Orford academy; engaged in farming and in business as a merchant; served as postmaster at Passaic, N. J., from 1881 to 1887, was appointed in the Bureau Jan. 15, 1888.

EPHRAIM DIETRICH, Clerk, was born in Northampton Co., Pa., Dec. 27, 1839; attended common schools and Williamsburg academy; from time of leaving school until entering Bureau service was engaged almost continuously in teaching; from 1870 to 1876 held position of county superintendent of public instruction in Warren Co., N. J.; on Oct. 18, 1876, received from State board of examiners a teacher's life certificate holding same rank as a diploma from the New Jersey normal school; for eight years was principal of public schools of Belvidere, N. J., and afterwards principal of Portland, Pa., high school; was appointed in the Bureau May 1, 1896, through civil-service examination.

HIRAM JEROME, Stock Examiner, was born in Orleans Co., N. Y., June 2, 1839; received education in the public schools; served in the U. S. Army in the 8th Vol. Cav. from 1861 to 1864; became a farmer, and later a produce commission merchant; was appointed Oct. 15, 1889, and served until Sept. 30, 1893; was reinstated Oct. 12, 1897.

HENRY SCHAUER, Stock Examiner, was born in Brooklyn, N. Y., Nov. 18, 1869; received appointment from New York City as tagger, Sept. 21, 1893, and was promoted to stock examiner Dec. 9, 1895.

FRED. J. GOEBEL, Tagger, was born in New York City, June 13, 1863; attended public schools, and was employed as clerk previous to appointment in the Bureau; was appointed from New York Sept. 7, 1891.

HENRY SCHOPP, Tagger, was born in New York City, and was appointed from that city on Sept. 15, 1893.

JOHN F. LUEPKE, Tagger, was born Aug. 23, 1869, in New York City, and received appointment from that city on May 23, 1895.

STEPHEN A. SELBY, Tagger, was born in Washington, D. C., Jan. 9, 1874, and was appointed from Rockville, Md., through civil-service examination, Dec. 2, 1895.

FRANK J. GILMORE, Tagger, was born in Stonington, Conn., July 28, 1866; received education in Connecticut public schools and at the National Institute of

Pharmacy, Chicago; has been engaged in drug business and in newspaper and stationery business; was appointed at Buffalo from Yonkers, N. Y., Feb. 1, 1896, through civil-service examination; transferred to Pittsburg Nov. 26, 1897, and to present station Dec. 31, 1897.

JACOB F. BUTTERFASS, Tagger, was born in Brooklyn, N. Y., Feb. 14, 1863; attended common school and private academy; was employed as carver fourteen years and as clerk two years; received appointment from New York City, through civil-service examination, March 2, 1896.

JOHN J. HAGGERTY, Tagger, was born in New York City, and received appointment from that city, through civil-service examination, March 2, 1896.

WALLACE M. GILL, Tagger, was appointed from New York, through civil-service examination, June 24, 1896.

HARRY F. R. WORKMEISER, Tagger, was born at Potts Grove, Pa., April 28, 1878, and was appointed from Orangeville, Pa., June 26, 1899, after civil-service examination.

JOHN CARLTON OREN, Tagger, was born at Yocumtown, Pa., June 30, 1875; graduated from Millersville normal school in 1897, receiving degree of Master of Elements; taught school five years; was appointed from Yocumtown, through civil-service examination, Jan. 2, 1900.

FRANK D. OWEN, Tagger, was born in Detroit, Mich., Aug. 9, 1879; served in U. S. Army during Spanish War as musician in regimental band, 7th U. S. Vol. Immunes; was appointed from Norfolk, Va., Feb. 1, 1900, through civil-service examination.

JOSEPH PFEIFFER, Tagger, was born in New York City, Dec. 12, 1871, and was appointed from that city Feb. 7, 1900, through civil-service examination, and stationed at Buffalo, and was transferred to New York Oct. 1, 1900.

JAMES E. LOVEJOY, Tagger, was born in Lynn, Mass., Oct. 4, 1871, and attended the public schools of that city; prior to appointment was engaged principally in the grocery business; was appointed at Boston from Foxboro, Mass., through civil-service examination, March 1, 1900, and transferred to New York during the same month.

JOHN B. ROBERTS, Tagger, was born at Hammonton, N. J., Nov. 30, 1869, and was appointed from Newark, N. J., March 10, 1900, after civil-service examination.

JOHN L. BURGESS, Tagger, was born at Forkston, Wyoming Co., Pa., Aug. 17, 1876; received education in common school and Bloomsburg State Normal School; was engaged in teaching public schools four years; received appointment from Forkston, through civil-service examination, May 1, 1900.

MRS. ALICE HAYES RICHARDS, Assistant Microscopist and Clerk, was born at Rochester, N. Y., Jan. 21, 1847; received education in common schools, high school, private school near Cincinnati, and Ohio University at Athens; for some time prior to entering the Bureau service was engaged in teaching; received appointment at Chicago Nov. 1, 1892, and was transferred to New York March 1, 1899.

RICHMAN COLES, Laborer, was born near Woodstown, N. J., Feb. 28, 1831; was a member of the New Jersey Legislature in 1876, and master of New Jersey State Grange of Patrons of Husbandry from 1893 to 1897; was appointed from Woodstown April 25, 1900, and placed on Dr. Rose's force at New York; transferred to the meat-inspection service May 5, 1900.

#### EXPORT CATTLE AND VESSEL INSPECTION.

WILLIAM HENRY ROSE, Inspector in charge, was born in New York City, March 22, 1847; early education was acquired in public schools and Townsend's business college of that city; afterwards attended American Veterinary College and received degree of D. V. S. in 1880; in that year served as veterinary inspector for New York State under Gen. Patrick and Prof. Law; from March, 1881, to August, 1883, was inspector for U. S. Department of Agriculture under Dr. Charles P. Lyman, in Maryland, Virginia and the District of Columbia; entered the service of the Bureau about the time of its organization and was regularly appointed July 1, 1884; was in charge of experimental station at Washington from that time until August, 1886, when he was detailed as inspector of cattle at Baltimore and afterwards at Chicago; was inspector of cattle at Washington during 1887, at Philadelphia from 1888 to November, 1890, and at Kansas City from that time to June 3, 1891, when he was transferred to his present station.

RICHARD R. LETTS, Inspector, was born in Hoboken, N. J., Feb. 24, 1858; received his early education in the public schools, and attended the American Veterinary College, graduating with degree of D. V. S.; was appointed in the Bureau from Hoboken on Oct. 15, 1889.

HENRY BRISTER, Inspector, was born at Leraysville, Bradford Co., Pa., May 24, 1850; attended the public schools and academies, also the American Veterinary College, from which he holds degree of V. S.; engaged in farming and in the milk and butter business; was appointed from New York City July 1, 1890.

JAMES FLANNERY, Vessel Inspector, was born at Syracuse, N. Y., July 3, 1858; received education in public schools, and for a time was in the employ of the New York Central & Hudson River Railroad; entered the service of the Bureau from Syracuse, June 11, 1890, first as laborer under Dr. Robertson at Brooklyn, and was regularly appointed tagger Dec. 20, 1890, and stationed at New York; was afterwards promoted to stock examiner and on Feb. 1, 1900, to his present position.

JOSEPH P. McENANEY, Clerk, was born in New York City, March 22, 1862, and received a public school education; for about ten years was employed as telegraph operator and shipping clerk by a firm of importers and exporters of china and glassware; was appointed from Brooklyn on Dec. 20, 1890.

WILLIAM FOLFY, Stock Examiner, was born at Fulton, N. Y., April 27, 1860; attended public schools and was reared as a farmer; went to Colorado and worked in the mining district for a few years; returned to Syracuse in 1883 and worked as coachman and dealt in horses; received appointment March 15, 1890.

GEORGE MESSEMER, Tagger, was born Nov. 1, 1845, in Germany; served in the U. S. Army in the Civil War as corporal in Co. C. 119th N. Y. Vols.; followed the trade of painter previous to entering the Government service; was appointed from New York City Sept. 15, 1893.

EDWARD L. FLANNERY, Tagger, was born in New York City and attended public schools; was appointed from Brooklyn, through civil-service examination, Feb. 1, 1896.

GEORGE E. SCHUMACHER, Tagger, was born in New York City, Aug. 30, 1875, and was appointed from that city, after civil-service examination, Feb. 6, 1896.

CHARLES F. CRAMER, Tagger, was born in Germany, April 28, 1868; attended common and night schools in Germany and New York City; was employed as clerk in banking house and as clerk in wholesale dry-goods house; for seven

years conducted a barber shop and cigar store; was appointed from Brooklyn, through civil-service examination, May 1, 1896.

JOHN BOYD KAY, Agent, was born in Bradford Co., Pa., April 4, 1857; received appointment April 27, 1900, from Olathe, Kans.

#### ANIMAL QUARANTINE STATION FOR THE PORT OF NEW YORK.

##### GARFIELD, N. J.

GEORGE W. POPE, Superintendent and Inspector in charge, was born at Madison, Wis., Feb. 16, 1867; attended high school at Lee, Mass., and Chicago Veterinary College, graduating from the latter in 1889 with degree of D. V. S.; practised the following year at Fairbury, Ill.; was employed as assistant to Dr. James Hughes, secretary of Chicago Veterinary College, from 1890 to 1894, excepting a year in 1891-92 spent in the South on account of his health, when he engaged in practice at Mobile, Ala.; resigned in 1894 and removed to Willimantic, Conn.; was appointed assistant inspector at Boston, Nov. 11, 1895, through civil-service examination, promoted to inspector April 1, 1898, and transferred to present position Dec. 1, 1899.

ERNEST E. RUE, Tagger, was born at Perrineville, N. J., Aug. 19, 1871; was appointed from Tennent, N. J., June 8, 1896, through civil service examination, and stationed at Chicago; transferred to New York Sept. 29, 1899, and to Garfield Jan. 25, 1900.

EDGAR GILL, Tagger, was born in Fayette Co., W. Va., Feb. 7, 1865; was reared on a farm and attended the public schools; received appointment from Lansing, W. Va., on the meat-inspection force at New York, March 20, 1899, after civil-service examination, and was transferred to Garfield Jan. 2, 1900.

##### JERSEY CITY, N. J.

JULIUS HUELSEN, Inspector in charge, was born at Hoboken, N. J., March 18, 1864; attended common school and high school, and followed mercantile pursuits for a time; then went to American Veterinary College, graduating with degree of D. V. S., and for a year was house surgeon at that college; received appointment in the Bureau March 10, 1888, and for some time was employed in work of eradicating contagious pleuro-pneumonia; was placed in charge at his present station June 3, 1891.

ARCHIBALD MCBRIDE, Inspector, was born at Ironton, Ohio, July 13, 1862; was educated in public and private schools and in Chicago Veterinary College, receiving degree of M. D. C.; from time of graduation until appointment in Bureau served as assistant to Dr. A. H. Baker, professor in the college named, and also engaged in practice; was appointed assistant inspector June 8, 1896, through civil-service examination, and stationed at South St. Paul, Minn., and on June 1, 1897, was placed in charge there; was transferred to Jersey City at his request, Jan. 3, 1899, and promoted to inspector July 1, 1900.

DANIEL J. MANGAN, Assistant Inspector, was born in New York city, April 1, 1877; graduated from New York-American Veterinary College in 1900 with degree of D. V. S.; was appointed from New York, through civil-service examination, Dec. 10, 1900.

IMMANUEL DUE, Clerk, was born in Perth Amboy, N. J., July 16, 1870; attended the public schools in Morris Co., N. J.; for six years previous to entering the service of the Bureau was employed as teacher in the public schools of New Jersey; was appointed from Millington, N. J., March 2, 1896, through civil-service examination.

THOMAS SHEA, Tagger, was born in Jersey City, N. J., Oct. 2, 1857, and received appointment in the Bureau July 17, 1893.

JOHN PURCELL, JR., Tagger, was born at Raritan, N. J., Dec. 11, 1866, and attended public schools; worked as cloth finisher in woolen mill; was appointed from Raritan Sept. 1, 1893.

GEORGE J. HOERNER, Tagger, was born in New York City, Feb. 8, 1872; received public school education; previous to entering the Bureau was employed as clerk for a firm of cloak designers and as carpenter with a building firm in New York City; was appointed May 1, 1896, through civil-service examination.

FRANK A. FAHRENBAUGH, Tagger, was born at Bernville, Pa., Oct. 16, 1870, and was appointed from Obold, Pa., Sept. 20, 1900, after passing civil-service examination.

#### PHILADELPHIA, PA.

CHARLES A. SCHAUFLEER, Inspector in charge, was born at Atlantic City, N. J., April 1, 1860; received education in the public schools of Atlantic City, Chester Valley Academy at Downingtown, Pa., German high school at Baden Baden, Germany, and Royal Veterinary College at Stuttgart, Germany, and received from the last-named school the degree of V. M. D.; engaged in active veterinary practice, and was appointed in the Bureau from Philadelphia on June 19, 1893.

JAMES BEATTY, Assistant Inspector, was born at Philadelphia, Pa., Dec. 15, 1858; attended public schools of that city, graduating from senior department; is a graduate of veterinary department of the University of Pennsylvania with degree of V. M. D.; practised veterinary medicine, and for a time was veterinarian at Biltmore Farms, Biltmore, N. C.; was appointed Feb. 17, 1899, through civil-service examination, and stationed at Buffalo, and the following month was sent to Indianapolis; at the beginning of the year 1900 was transferred to cattle quarantine force at Kansas City; in March was returned to meat inspection work at New York City, and on June 1 was transferred to his present station.

GEORGE CARTER, Vessel Inspector, was born at Reading, Mass., July 14, 1849, and received education in grammar and high schools; prior to appointment in the Bureau was engaged in clerical work; was appointed from Chicago as stock examiner April 10, 1888, and promoted to present position Feb. 1, 1900.

CHARLES J. BIGLEY, Clerk, was born in Philadelphia, Pa., Oct. 1, 1841; took classical course at St. Joseph's College in that city; left school at the age of sixteen and began the study of law, but was compelled to abandon this on the death of his father; entered mercantile life as bookkeeper, afterwards becoming a salesman of wool; served in the U. S. Army as hospital steward from 1864 to 1866; was connected with the firm of George W. Patton & Co., of Philadelphia, importers and dealers in foreign and domestic wool; received appointment Jan. 15, 1898, through civil-service examination.

GEORGE B. WRIGHT, Stock Examiner, was born in Philadelphia, Pa., Jan. 1, 1867, and received a public school education; was appointed from that city June 1, 1893, as a tagger, and promoted to his present position Jan. 1, 1897.

MATTHEW ROBINSON, Tagger, was born in Ireland, Aug. 3, 1846, and received education in public schools; served in the U. S. Army as private in 73d Pa.; was employed in livery and sales stables; received appointment from Philadelphia March 1, 1892; was out of the service from June 15, 1893, until May 1, 1899, when he was reinstated.

THOMAS REID, Tagger, was born in Philadelphia, Pa., March 21, 1840, and received grammar-school education; served in the U. S. Army as private; was appointed in the Bureau June 1, 1893.



JOHN C. COLLAHAN, Tagger, was born in Brooklyn, N. Y., April 6, 1837, and was educated in the common schools of Pennsylvania; served in the Civil War as private in Pa. Inf. and Cav. and as officer in 100th U. S. C. I.; has been a traveling salesman; was employed in the census in 1890; received appointment in the Bureau from Charlotte, N. C., Oct. 1, 1895, through civil-service examination.

WILLIAM T. TIPPETT, Tagger, was born at Mattawoman, Md., Aug. 19, 1870; received appointment in the Bureau at New York through civil-service examination, Dec. 2, 1895, and a few days later was transferred to Philadelphia

ALFRED N. PEPPERMAN, Tagger, was born at Hayneville, Ala., Aug. 11, 1872, and educated in the public schools; was appointed from Philadelphia, through civil-service examination, Jan. 23, 1896.

WILLIAM J. HAUGHEY, Laborer, appointed Aug. 22, 1896

WILLIAM H. ERVIN, Laborer, appointed Nov. 5, 1896.

EDWARD HAGAN, Laborer, appointed Sept. 15, 1900.

#### BALTIMORE, MD.

HORACE A. HEDRICK, Inspector in charge, is a native of Baltimore, having been born there Oct. 1, 1870; attended the public schools, the school of medicine of Baltimore University, and the American Veterinary College, New York, receiving from the latter the degree of D. V. S.; previous to entering the service of the Bureau was engaged in practising the veterinary profession; received appointment from Baltimore, July 16, 1893.

ISAAC L. BALL, Clerk, was born March 27, 1853, in Fairfax Co., Va.; received education principally at home through instruction by his mother and other relatives; attended country schools for a short time; has engaged in farming, newspaper work, and manufacturing business as bookkeeper and superintendent; was appointed in the Bureau July 2, 1888.

WILLIAM H. WADE, Superintendent of animal quarantine station for the port of Baltimore at St. Denis, Md., was born in Baltimore Co., Md., March 3, 1859, and educated in public schools of that county; received appointment March 9, 1893.

WILLIAM BENNETT, Tagger, was born at Baltimore, Md., May 21, 1850; received education in public schools and at Cumberland Valley Institute, Mechanicsburg, Pa., and followed the trade of house carpenter; was appointed April 16, 1893

JOSEPH E. BLONDELL, Tagger, was born in Baltimore, Md., Oct. 22, 1856; received education in the public schools, and was afterwards employed in commercial business; received appointment in the Bureau April 16, 1893.

WILLIAM J. SULLIVAN, Tagger, was born in Baltimore, Md., June 16, 1870; is a graduate of St. Vincent's male academy and the Calvert Hall night school, of Baltimore; was appointed Aug. 14, 1893.

CHARLES EISENREICH, Tagger, was born in Maryland, Aug. 27, 1857; attended the public schools, and later followed the trade of butcher; was appointed in the Bureau March 15, 1894.

#### NORFOLK AND NEWPORT NEWS, VA.

GEORGE C. FAVILLE, Inspector in charge, was born at Mitchell, Iowa, Nov. 24, 1856; attended public schools and Iowa Agricultural College, receiving from the latter the degrees of B. Sc. and D. V. M.; engaged in practice at Danville, Ky.; held position of professor of veterinary science and zoology in Colorado Agricul-

tural College, and was State veterinarian of Colorado two terms; received appointment in the Bureau from Denver, April 21, 1887, and was stationed at Chicago; was transferred to Washington Aug. 6, 1887, to Baltimore a month later, and to Norfolk Jan. 1, 1894, where he has charge of the inspection of cattle for export and the vessels carrying the same.

SOLOMON MILLER, Stock Examiner, was born at Petersburg, Va., Aug. 14, 1862, and received education in the high school of that city; prior to entering the service of the Bureau was in business as real estate and insurance agent; received appointment from Newport News on May 1, 1894.

WALTER E. STONER, Tagger, was born at Johnsville, Md., May 25, 1870; attended public and high schools at Union Bridge, Md., and one term at medical school of Columbian University, Washington, D. C.; taught school five years; was appointed from Johnsville, through civil-service examination, April 7, 1897.

#### BUFFALO, N. Y.

CHARLES H. ZINK, Inspector in charge, was born in Philadelphia, Pa., Oct. 19, 1871; attended the public schools of that city, and took a three years' course of advanced agricultural and general science at Pennsylvania State College; went to Montreal Veterinary College, McGill University, and after a three years' course received degree of D. V. S.; served as assistant at Pennsylvania Agricultural Experiment Station, and also engaged in veterinary practice; on June 1, 1896, was appointed assistant inspector in Chicago through civil-service examination, and later transferred to Cincinnati; was granted leave of absence during Spanish War, and served as private in Troop H, 1st Ohio Vol. Cav.; was reinstated Oct. 25, 1898, and stationed at Kansas City; on Dec. 1, 1898, was transferred to Buffalo, promoted to inspector and placed in charge.

LOUIS ANDREW ROBINSON, Inspector, was born at Drumbo, Ontario, June 23, 1861; came to Buffalo in 1866; received early education in Buffalo public schools and St. Joseph's College; attended Ontario Veterinary College, graduating in 1896 with degree of V. S.; practised his profession at Buffalo, and on Sept. 11, 1893, was appointed in the Bureau.

BERNHARD P. WENDE, Inspector, was born in Mill Grove, Erie Co., N. Y., Sept. 19, 1868; went to the public schools, and entered Ontario Veterinary College, from which he was graduated with degree of V. S.; after some years spent in the practice of his profession, received appointment in the Bureau Sept. 11, 1893.

JOHN PHILIP O'LEARY, Inspector, received early education in public and high schools; took a three years' course at Massachusetts College of Pharmacy; then attended veterinary department of Harvard University, from which he graduated with degree of M. D. V.; took post-graduate course at New York State Veterinary College, Cornell University; previous to entering the Bureau was employed as veterinary inspector by Massachusetts State Cattle Commission in the work of eradicating bovine tuberculosis; was appointed an assistant inspector at Buffalo Feb. 1, 1896, through civil-service examination; transferred to quarantine division March 20, 1898; to Boston, April 1, 1899, and back to Buffalo, Jan. 15, 1900; promoted to inspector Sept. 15, 1900.

ALFRED F. MARTINS, Assistant Inspector, was born in New York City, Dec. 27, 1856; attended public and private schools, and the American Veterinary College, from which he holds degree of D. V. S.; practised his profession for seventeen years, a part of the time at Denver, Colo., and vicinity; was appointed in the Bureau at Boston, from Yonkers, N. Y., through civil-service examination, March 1, 1898; transferred to Buffalo March 8, 1900; back to Boston, May 15, and again to Buffalo, Sept. 1, 1900.

HARRY M. BALL, Assistant Inspector, was born at Mount Vernon, Ohio; attended Mount Vernon graded and high schools and commercial normal school at Columbus; holds degree of D. V. S. from the American Veterinary College, received in 1888; practised the veterinary profession and acted as State veterinarian for central Ohio until appointed in the Bureau, Nov. 1, 1898, through civil-service examination.

HERMAN R. RYDER, Assistant Inspector, was born at Delphi, Onondaga Co., N. Y., Aug. 31, 1869; attended New York State normal and training school at Cortland, and taught school three years; went to Ontario Veterinary College and took degree of V. S.; took post-graduate course at New York State Veterinary College (Cornell University), receiving degree of D. V. S.; practised veterinary profession two years, and was one year demonstrator of anatomy at Cornell; was appointed in the Bureau from Buffalo, July 14, 1899, through civil-service examination, and stationed at Indianapolis; was transferred to Buffalo Jan. 13, 1900.

W. N. D. BIRD, Assistant Inspector, was born in Oswego, Ill., Aug. 14, 1858; attended public schools in Chicago, and Ithaca (N. Y.) academy and high school; in 1876 entered Cornell University, taking four years' course in agriculture and veterinary science; engaged in stock farming and practised veterinary medicine and surgery in Kansas for fifteen years; served as county commissioner in Lyon Co., Kans., from 1890 to 1895; was appointed March 15, 1895, as stock examiner in the cattle quarantine service at Kansas City; took a course at the Kansas City Veterinary College, receiving degree of D. V. S. in 1898; on June 1, 1898, was promoted to assistant inspector, after passing civil-service examination; Jan. 16, 1899, was sent to Nashville, Tenn., to supervise movement of southern cattle; transferred to St. Louis, Oct. 30, 1899, and to Buffalo, April 9, 1900.

CLARENCE O. DURFEE, Assistant Inspector, was born in Palmyra, N. Y., May 27, 1867; after a course at the Marion (N. Y.) collegiate institute, entered New York College of Veterinary Surgeons and was graduated May 21, 1895, with degree of V. S.; engaged in veterinary practice at Newburgh, N. Y., until his health failed; on recovery entered the Bureau June 25, 1900, after civil-service examination.

CHARLES BULLARD, Microscopist, was born at Somerville, Mass., Aug. 5, 1869, attended Harvard University three years, paying special attention to zoology and botany; was appointed at Boston Sept. 5, 1894, and transferred to Buffalo March 12, 1898; is now on furlough and engaged as private assistant to Prof. Farlow, of the botanical department, Harvard University.

ALBERT H. HOYT, Clerk, was born at East Aurora, N. Y., Feb. 21, 1855, and received education at Aurora academy; prior to appointment in Bureau engaged principally in mercantile business; served as postmaster at East Aurora four years from July 28, 1885; was appointed in the Bureau from Buffalo, May 1, 1893.

GEORGE H. RUSSELL, Clerk, was born in Constantia, N. Y., Nov. 4, 1858; was educated in the common and high schools; passed the early years of his life on a farm and from 1874 to 1897 was in business as a pharmacist; after passing civil-service examination, was appointed in the Bureau from Syracuse, N. Y., Nov. 10, 1897.

ALBERT W. MEYER, Stock Examiner, was born in Newark, N. J., Feb. 17, 1846; attended the public schools; served as corporal in Co. K, 12th N. Y. Vol. Cav., from 1863 to 1865; followed the trade of butcher, and engaged in the business of retail meat market and the management of a hotel; was appointed tagger Dec. 11, 1893, and in February, 1896, was promoted to his present position.

HENRY L. RIEMAN, Stock Examiner, was born in Buffalo, N. Y., Aug. 10, 1866; was appointed tagger in the Bureau April 16, 1894, and on Feb. 15, 1896, received promotion to his present position.

HARRISON L. NEWTON, Stock Examiner, was born at East Hamburg, N. Y., Jan. 28, 1844; received his education in the public schools of Springville in the same State, and later engaged in farming; was appointed in the Bureau Nov. 8, 1894.

MICHAEL JUSTINGER, Tagger, was born in Buffalo, N. Y., Aug. 20, 1858; received his education at St. Mary's school, of that city; followed the trade of painter and interior hard-wood finisher; received appointment July 1, 1893.

JOHN MAZUROWSKI, Tagger, was born at Klonowka, Germany, March 28, 1860; attended public schools of his native place; came to the United States and located at Buffalo in 1874; followed the occupation of tailor; was appointed July 10, 1893.

MICHAEL CHOJNACKI, Tagger, is a native of Germany, and was born Sept. 8, 1861; attended school in that country; came to the United States in 1880; was appointed in the Bureau from Buffalo on April 16, 1894.

RANSOM HINKSON, Tagger, was born in Oshawa, Ontario, in 1847, and attended the public schools; was a farmer and is versed in the care of stock; for the last sixteen years before entering the Bureau was employed in the Buffalo veterinary hospital; was appointed tagger May 1, 1894.

JAMES L. MCGILL, Tagger, was born in Warren Co., Pa., Aug. 5, 1844; attended common and high schools, seminary at Neillsburg, Pa., and Allegheny College at Meadville, Pa.; during Civil War served as private in Co. F, 145th Pa. Vols.; was several years employed as clerk, afterwards engaged in dray business, and for many years was a commercial traveler; served in New York State canal department, constructing roads and bridges; was appointed in the Bureau at Pittsburg Jan. 17, 1898, through civil-service examination; resigned March 30, 1900 and was reinstated at Buffalo Aug. 13, 1900.

GEORGE A. CRANE, Tagger, was born at Uswick, Wayne Co., Pa., April 1, 1878; attended common school at that place and high school at Hawley, Pa., graduating from latter in 1895; taught school three terms at Uswick; was appointed July 12, 1899, through civil-service examination.

JAMES F. HUGHES, Laborer, was born in Brooklyn, N. Y., Nov. 2, 1872; served in U. S. Navy as apprentice of first class from Sept. 29, 1890, to Nov. 1, 1893, on U. S. S. "New York"; was appointed as tagger Feb. 1, 1896, through civil-service examination.

#### *Assistant Microscopists.*

NAME.	State from which Appointed.	Date of Appointment.
Miss Elizabeth Lidle,	N. Y.	July 29, 1892
Miss Anna L. Moran,	"	July 29, 1892
Miss Pearl Masten,		Dec. 10, 1892
Miss Lillian E. Farrell,		July 1, 1893
Miss Nellie Nunan,	"	a July 1, 1893
Miss Mary Alice Hanrahan,	"	Aug. 30, 1893
Miss Mary F. Lannon,	"	Aug. 30, 1893
Miss Kate Colgan,	"	Aug. 1, 1894

a. Resigned Nov. 10, 1900.

#### PITTSBURG, PA.

FREDERICK W. AINSWORTH, Inspector in charge, was born at Pecatonica, Ill., March 16, 1862; besides common schools, attended normal department of Upper Iowa University and veterinary department of Iowa Agricultural College, receiving from the latter the degree of D. V. M.; engaged in the practice of veterinary

medicine for some years; on Feb. 7, 1898, was appointed assistant inspector at Pittsburg from Fertile, Iowa, through civil-service examination, and on Nov. 15, 1900, was promoted to his present position.

SYDNEY W. JONES, Tagger, was born at Glover Gap, W. Va., Jan. 24, 1873; attended the public schools and the Fairmont normal school, and taught school for four years; was appointed from Glover Gap, through civil-service examination, July 20, 1898.

MORTON MAGEE, Tagger, was born at New Bloomfield, Pa., June 20, 1874; attended the public schools and the New Bloomfield academy, and took a course at the State normal school, Shippensburg, Pa., receiving degree of Bachelor of Elements; taught school for four years; was appointed in the Bureau from New Bloomfield, through civil-service examination, Nov. 11, 1898.

HOWARD L. BOLLINGER, Tagger, was born in Lititz, Pa., Aug. 8, 1878; is a graduate of the Potsdam (Pa.) high school, and of the Hill academy; held position as clerk in worsted mills at Sanford, Maine, and Hudson and Worcester, Mass.; was appointed in the Bureau from Pottstown, Pa., through civil-service examination, May 15, 1900.

W. J. MORAN, Laborer, appointed June 1, 1896.

DANIEL HILTY, Laborer, appointed, Nov. 18, 1898.

SAMUEL WILKINSON, Laborer, appointed Oct. 9, 1899.

WILLIAM MILLER, Laborer, appointed Sept. 9, 1900.

#### CLEVELAND, OHIO.

EDWARD P. SCHAFFIER, Inspector in charge, was born at Mount Eaton, Ohio, March 10, 1867; attended public schools of that place until nineteen years of age, then went to Ontario Veterinary College and took degree of V. S.; from time of graduation until entering Bureau service was engaged in general veterinary practice; was appointed from Mount Eaton, July 15, 1896, as assistant inspector, through civil-service examination, and stationed at Kansas City; was transferred to Cleveland and placed in charge Dec. 1, 1897, at the same time receiving promotion to inspector.

JAMES T. STUART, Assistant Inspector, was born at Edinburgh, Scotland, Jan. 3, 1868; graduated from grammar school at Cleveland and from Chicago Veterinary College with degree of D. V. S. in 1889; assisted his father, Dr. George Stuart, M. R. C. V. S., in his practice and in management of his paper, "Agriculturist and Stock Breeder," published at Cleveland; received appointment May 17, 1893, and for a time was in charge of the Bureau work at Cleveland; was transferred to Kansas City Dec. 1, 1897, and back to Cleveland March 1, 1898.

JOHN J. CROWLEY, Stock Examiner, is a native of Cleveland, Ohio; prior to entering the Bureau service was foreman for the Cleveland Provision Co.; received appointment as tagger Nov. 6, 1893, and was promoted to stock examiner Dec. 21, 1898.

LOUIS STUMPF, Tagger, is a native of Cleveland, Ohio, and was appointed June 16, 1893.

FRANK FILA, Tagger, was born in Bohemia, July 30 1856; came to the United States and followed the trade of carpenter; was appointed from Cleveland, Sept. 25, 1893.

JOHN D. SHANNON, Tagger, was born at Cleveland, Ohio, July 29, 1864; followed the trade of butcher up to the time of receiving appointment in the Bureau, Nov. 6, 1893.

MISS MAMIE L. CORCORAN, Assistant Microscopist, appointed June 6, 1893.

MISS MINNIE FORSCH, Assistant Microscopist, appointed June 20, 1893.

MISS MARY REINHART, Assistant Microscopist, appointed Aug. 29, 1893.

MISS ALICE M. DAUGHERTY, Assistant Microscopist, appointed Oct. 16, 1894.

ISABELLA LACE, Laborer, appointed May 29, 1896.

#### DETROIT, MICH.

LOUIS KENNETH GREEN, Inspector in charge, was born at Booth's Corner, Pa., Sept. 4, 1872; received education in public schools of Delaware Co., Pa., State Normal School at West Chester, Pa., and veterinary department of University of Pennsylvania, graduating from last-named school with degree of V. M. D.; practised veterinary medicine for two years; was appointed from Delaware Co., Pa., as assistant inspector, Oct. 1, 1896, after civil-service examination, and stationed at Buffalo; transferred to Detroit (in charge) April 10, 1899, and promoted to inspector May 1, 1900.

HARRY C. JACOBS, Tagger, was born at Gambier, Ohio, April 2, 1873; attended high school and Kenyon Military Academy, and graduated from Kenyon College, at Gambier, in 1896, with degree of Ph. B.; was employed for two years as clerk in general store, and received appointment in the Bureau May 10, 1899, through civil-service examination.

ANTHONY FLEISHANS, Laborer, appointed Oct. 30, 1900.

FORD WILLIAMSON, Laborer, appointed Oct. 30, 1900.

WILLIAM H. KELLOGG, Laborer, appointed Dec. 18, 1900.

#### CINCINNATI, OHIO.

ALBERT J. PAYNE, Inspector in charge, was born at Wabash, Ind., Sept. 23, 1867; attended common and high schools of that place; also attended Chicago Veterinary College and received degree of M. D. C.; engaged in live stock business for three years, was curator of veterinary hospital in Chicago two years, and practised the veterinary profession one year; was appointed in the Bureau from Chicago, as assistant inspector, June 1, 1895, through civil-service examination, and stationed at Kansas City; was transferred to Louisville and placed in charge, Aug. 11, 1896, and to Cincinnati (in charge), June 18, 1898; promoted to inspector Sept. 1, 1898.

LOUIS P. COOK, Inspector, was born at Cincinnati, Ohio, Aug. 24, 1868; attended Ohio Veterinary College, Cincinnati, and received degree of D. V. S.; engaged in veterinary practice; held positions as lecturer on veterinary anatomy, New York College of Veterinary Surgeons, and lecturer on veterinary anatomy and surgery, Ohio Veterinary College; was appointed assistant inspector at New York, May 1, 1896, through civil-service examination; transferred to National Stock Yards, Ill., July 15, 1897, and to Cincinnati Aug. 1, 1899; received promotion to inspector July 1, 1900.

THOMAS L. RICE, Assistant Inspector, was born in Winnishick Co., Iowa, Dec. 27, 1871; attended Iowa Agricultural College and took degree of D. V. M.; engaged in general veterinary practice from fall of 1895 until entering the Bureau; was appointed on the quarantine force at Kansas City, from Harmony, Minn., Feb. 10, 1898, through civil-service examination; during the Spanish War served as regimental veterinary surgeon for 1st U. S. Vol. Cav. (Roosevelt's Rough Riders), from May to September, 1898; then returned to quarantine service, and on Feb. 5, 1900, was transferred to Cincinnati.

CLAUDE M. McFARLAND, Assistant Inspector, was born in Ness Co., Kans., July 9, 1877; attended high school at Kansas City; was first appointed in the Bureau as laborer at Kansas City, March 21, 1897; resigned Dec. 31, 1899; took veterinary course at Kansas City Veterinary College, receiving degree of D. V. S., and was appointed assistant inspector at Cincinnati June 6, 1900, after civil-service examination.

ARDEN L. HIRLEMAN, Stock Examiner, was born in Columbia Co., Pa., Dec. 1, 1870, and was appointed from Benton, Pa., through civil-service examination, March 10, 1896.

PATRICK E. QUINN, Tagger, was born at Indianapolis, Ind., March 29, 1872, and was appointed from that city on Nov. 11, 1895, after civil-service examination.

EDWARD C. CARLE, Tagger, was born in Carthage, Hamilton Co., Ohio, Oct. 3, 1867; before entering the Bureau service was a designer and engraver; was appointed from Cincinnati, through civil-service examination, Oct. 1, 1896, and stationed at Milwaukee; transferred to Cincinnati Feb. 1, 1898.

CHARLES PEARSON, Tagger, was born at Pleasant Hill, Miami Co., Ohio, July 3, 1871; received education in common and high schools, Antioch College at Yellow Springs, Ohio, and National Normal University, Lebanon, Ohio, receiving from the last-named institution the degrees of B. S. and Instructor in Science; afterwards engaged in teaching; was appointed June 15, 1898, from Bradford, Ohio, through civil-service examination.

JOHN C. SCHOOK, Tagger, was born at Cincinnati, Ohio, April 14, 1876; graduated from Madisonville (Ohio) high school; was appointed from Madisonville Nov. 1, 1898, through civil-service examination, and stationed at Chicago, and was transferred to Cincinnati Nov. 10, 1898.

MISS CARRIE EHLERS, Assistant Microscopist, is a native of Cincinnati; was appointed from that city, through civil-service examination, Feb. 16, 1898, and stationed at South Omaha, Nebr.; transferred to Cincinnati June 1, 1898.

#### LOUISVILLE, KY.

THOMAS J. TURNER, Inspector in charge, was born in Howard Co., Mo., April 16, 1866; is a graduate of Pritchett College, Glasgow, Mo. (B. S., 1884; M. S., honorary, 1891), and of American Veterinary College (D. V. S., 1887); from 1887 to 1890 engaged in veterinary practice at Mexico, Mo., and from 1891 to 1895 was State veterinarian of Missouri; also did some farmers' institute and experiment station work; was appointed from Glasgow, Mo., as assistant inspector, June 1, 1896, through civil-service examination, and stationed at Kansas City; transferred to Indianapolis (in charge) Nov. 4, 1896, promoted to inspector Jan. 1, 1897, and transferred to Louisville July 12, 1899.

HERBERT M. SMITH, Assistant Inspector, was born at Chelsea, Mass., Feb. 5, 1863; attended common and high schools of that city and Harvard University veterinary school, receiving degree of M. D. V.; practised veterinary medicine in Haverhill, Mass., and Pawtucket and Providence, R. I.; was appointed to his present position March 1, 1899, through civil-service examination.

WILLIAM T. SPARHAWK, Assistant Inspector, was born at Tallmadge, Summit Co., Ohio, Feb. 26, 1874; graduated from veterinary department of Ohio State University in 1899; was appointed from East Akron, Ohio, Feb. 21, 1900, through civil-service examination.

GEORGE H. WOOLFOLK, Stock Examiner, was born at Brandenburg, Ky., Nov. 26, 1870; graduated in 1888 from the commercial college of Kentucky University; was appointed from Brandenburg, March 2, 1896, through civil-service examination, and stationed at National Stock Yards, Ill., and on July 6, 1898, was transferred to Louisville.

HOGAN GAINES, Tagger, was born in Grant Co., Ind., Feb. 19, 1870; received education in common school, Fairmount academy and Purdue University; commenced teaching school at age of sixteen, and taught during winter months, farming during balance of year; was appointed from Mount Etna, Ind., April 1, 1898, through civil-service examination.

#### NASHVILLE, TENN

WILLIS B. LINCOLN, Assistant Inspector in charge, was born at Boone, Boone Co., Iowa, July 25, 1873; received education in high school and Iowa Agricultural College, graduating in 1893 with degree of D. V. M.; engaged in veterinary practice from 1893 to 1895; studied dairying at Iowa Agricultural College in 1896 and the following year was house surgeon in the veterinary department of that college; received appointment in the Bureau through civil-service examination, April 11, 1898, and was stationed at Indianapolis, and on May 10, 1899, was transferred to Nashville.

HARDEE WYATT, Tagger, was born at Newbern, Tenn., May 28, 1878; holds degrees of Bachelor of Oratory and Bachelor of Science from National Normal University, Lebanon, Ohio, and Licentiate of Instruction from Peabody Normal College, and was also medalist in oratory at latter school; was appointed from Nashville, through civil-service examination, Nov. 10, 1899, and stationed at Chicago, and on Nov. 1, 1900, transferred to Nashville.

#### INDIANAPOLIS, IND.

NIELS C. SØRENSEN, Inspector in charge, was born in Schleswig, Germany, Oct. 19, 1865; was educated in common schools and at Iowa Agricultural College, graduating from latter with degree of D. V. M.; practised veterinary medicine three years before appointment; was appointed from Adel, Dallas Co., Iowa, as assistant inspector, July 15, 1895, through civil-service examination, and stationed at Chicago, received promotion to inspector April 1, 1898; was transferred to Louisville and placed in charge June 18, 1898, and to Indianapolis (in charge) July 12, 1899.

THOMAS L. ARMSTRONG, Inspector, was born Dec. 1, 1844, in Lawrence Co., Ind.; acquired such education as was possible in subscription schools in rural districts before the Civil War; served as private in Co. G, 24th Ind. Vol. Inf.; studied dentistry under a preceptor and practised that profession six years; graduated from Chicago Veterinary College with degree of D. V. S. in 1885, and engaged in veterinary practice until appointment in Bureau, June 25, 1889; was assigned to duty at Baltimore, Kansas City, Chicago, Washington, New Orleans, and Indianapolis in succession; was out of the service from May 31, 1893, to May 1, 1897, when he was reinstated and stationed at Memphis, and afterwards transferred to Indianapolis.

ROBERT DARLING, Inspector, is a graduate and medalist of McGill University, holding degree of D. V. S.; spent ten years as general practitioner; has held positions of lecturer on veterinary science in Nevada State University and professor of veterinary anatomy in University of California; received appointment in the Bureau as assistant inspector, through civil-service examination, Dec. 13, 1897.

JAMES C. KEELY, Assistant Inspector, was born in Dungarvan, County of Waterford, Ireland, Feb. 4, 1868; went through public schools in that country; came to United States in 1889; attended Harvey Medical College, Chicago, one term, is a graduate of Kansas City Veterinary College, holding degree of D. V. S.; was bookkeeper and salesman with grocery and provision company three years, and for two years prospected for gold and silver in Colorado; enlisted in 6th U. S.



Cavalry in 1892, and afterwards served in U. S. Army hospital corps; was appointed in the Bureau at Chicago March 1, 1898, through civil-service examination; transferred to quarantine division at Kansas City, July 12, 1898, and to Indianapolis Feb. 1, 1900.

SAMUEL G. HENDREN, Assistant Inspector, was born at Philadelphia, Pa., Oct. 13, 1873; completed common school education in that city and took veterinary course at University of Pennsylvania, receiving degree of V. M. D. in 1894; engaged in veterinary practice two years each at Lewistown and York, Pa.; received appointment March 4, 1898, through civil-service examination; during the Spanish War was given military leave and served as first-class private in Co. B, Battalion of Regular Engineers; on his return was reinstated Dec. 15, 1898.

RICHARD W. TUCK, Assistant Inspector, was born in England, April 4, 1867; received veterinary education at Ontario Veterinary College, graduating in 1892 with degree of V. S.; engaged in practice from that time until appointment in the Bureau, April 18, 1898, from Elgin, Ill., through civil-service examination.

JOSEPH S. KEANE, Assistant Inspector, was born in San Francisco, Cal., Jan. 4, 1872; attended grammar and commercial high schools of that city, also University of California, taking degree of D. V. S.; practised veterinary medicine for a time, and was appointed in the Bureau from San Francisco, July 20, 1898, after civil-service examination, and stationed at South Omaha, but was almost immediately transferred to Indianapolis.

GEORGE E. TOTTEEN, Assistant Inspector, was born at Bement, Ill., Feb. 26, 1875, attended common and high schools of that place; spent one year at Ontario Veterinary College and two years at Chicago Veterinary College, graduating from latter in 1898 with degree of M. D. C.; for one year acted as house surgeon at Chicago Veterinary College; was appointed July 14, 1899, through civil-service examination.

CHARLES F. PALMER, Assistant Inspector, was born at Wooster, Ohio, March 22, 1868; graduated from Wooster high school and Ontario Veterinary College, receiving degree of V. S. from the latter; practised the veterinary profession from 1891 to time of appointment in the Bureau; was appointed from Wooster, Oct. 16, 1899, through civil-service examination, and stationed at Boston; transferred to Indianapolis, Dec. 27, 1900.

HARRY K. WALTER, Assistant Inspector, was born at Point Pleasant, Pa., Jan. 5, 1872; received preparatory education in Keystone academy, Factoryville, Pa., in 1888 and 1889; graduated from veterinary department of University of Pennsylvania with degree of V. M. D. in 1893; engaged in general veterinary practice from that time until entering the Bureau service; was appointed from Point Pleasant, through civil-service examination, Jan. 15, 1900.

ROBERT TURNBULL, Assistant Inspector, was born at Dover, Ill., March 28, 1871; attended common schools and Dover academy, also Ontario Veterinary College, receiving degree of V. S.; practised the veterinary profession five years; was appointed from Cayuga, Ind., Feb. 21, 1900, through civil-service examination.

JOHN B. HOLLENBECK, Assistant Inspector, was born at Ripon, Wis., Dec. 14, 1872; acquired veterinary education at Ontario Veterinary College and McKillip Veterinary College, receiving degrees of V. S. and M. D. V.; engaged in veterinary practice; served as veterinary surgeon in Quartermaster's Department, U. S. Army, at Ponce, Porto Rico, one year beginning in October, 1898; was appointed in the Bureau from Salem, Ohio, June 25, 1900, after civil-service examination.

MARTIN P. GRADY, Clerk, was born in Chicago, Ill., May 24, 1858; received education in parochial school and at St. Xavier College, Cincinnati; was appointed from Indianapolis as tagger June 12, 1894, and promoted to clerk Dec. 1, 1896.

GEORGE S. JONES, Clerk, was born at Jonesville, Lee Co., Va., June 12, 1840; attended public and private schools; served in the Civil War as corporal in Co

I, 7th Ind. Vol. Cav.; has been engaged as teacher and journalist; from 1886 to 1889 was a clerk in the Pension Office at Washington; studied law and in 1890 was admitted to the bar at Rushville, Ind., and practised for some time; was appointed in the Bureau from Manilla, Ind., March 10, 1898, through civil-service examination.

JOHN H. CARROLL, Clerk, was born at Bedford, Ind., Nov. 27, 1863; was educated in public schools and Indianapolis College of Law, and holds degree of LL. B.; has been engaged as teacher, superintendent of schools, and law practitioner; was appointed May 4, 1899, from Leavenworth, Ind., through civil-service examination.

JACOB FOX, Stock Examiner, was born at Madison, Ind., Aug. 21, 1847; engaged in shoe business from 1870 to 1885, and for following five years was foreman in Indianapolis post-office; from 1890 until entering the Bureau was license inspector and drillmaster of Indianapolis police force; received appointment in the Bureau Nov. 6, 1893.

JAMES W. WAMPLER, Stock Examiner, was born in Monroe Co., Ind., May 25, 1859, and was appointed from Indianapolis on Nov. 6, 1893.

GEORGE W. KOONTZ, Stock Examiner, was born at Indianapolis, Ind., March 14, 1844; during the Civil War served as private in Co. K, 70th Ind. Vols., and lost his left arm in battle; was appointed Adjutant General of Indiana, Jan. 19, 1885, and on May 1, 1889, was appointed trustee of Eastern Indiana Hospital for the Insane to serve four years; received appointment in the Bureau Feb. 19, 1894.

CHARLES BARTHOLOMEW, Stock Examiner, was born at Tassinong, Porter Co., Ind., Dec. 1, 1865; attended Valparaiso high school; was appointed from Tassinong as tagger, Nov. 11, 1895, through civil-service examination, and promoted to stock examiner Sept. 1, 1898.

MATTHEW QUINN, Tagger, was born in Belfast, Ireland, Oct. 14, 1859; came to America in 1872; previous to entering the Bureau service was engaged in the pork business and for several years was assistant foreman in cutting and killing departments of packing house; was appointed April 16, 1893.

WILLIAM A. SKINNER, Tagger, was born at Valparaiso, Ind., June 3, 1860; received appointment in the Bureau at Philadelphia on Nov. 18, 1895, through civil-service examination; was transferred to Pittsburg Nov. 10, 1896, and to Indianapolis April 1, 1897; was given military leave during the Spanish War and served in the U. S. Army as an enlisted man from July 7, 1898, to April 30, 1899, and was reinstated in the Bureau May 10, 1899.

LESLIE V. STAFFORD, Tagger, was born at New Castle, Ind., Oct. 26, 1876; was employed in telegraph office, as invoice clerk in office of Deering Harvester Co., at Fort Wayne, Ind., and in law office; was appointed from New Castle, through civil-service examination, Oct. 1, 1898, and stationed at Chicago; transferred to Indianapolis April 29, 1899.

SYLVESTER S. SOWERS, Tagger, was born at Covington, Ohio, Oct. 11, 1864, and was appointed from Bradford, Ohio, Nov. 21, 1898, through civil-service examination.

WILLARD H. TREAT, Tagger, was born at Austinburg, Ohio, Aug. 23, 1877, and was appointed from South New Lyme, Ohio, July 14, 1899, through civil-service examination.

*Assistant Microscopists.*

NAME.	State from which Appointed.	Date of Appointment.
Miss Mary Lucid,	Ind.	May 2, 1893
Miss Margaret Clarke,	"	Apr. 7, 1894
Miss Mary A. Egan,	"	Sept. 26, 1894
Miss Nellie Holland,	"	Nov. 3, 1894
Miss Mary E. Ritchie,	"	Nov. 22, 1894
Miss Elizabeth S. Hurst,	" C. S.	Dec. 1, 1896
Miss Pearl C. Miles,	" "	Dec. 1, 1896
Miss Lizzie Keller,	" "	Aug. 17, 1897
Miss Mattie H. Dickinson,	" "	Jan. 20, 1898
Miss Rachel E. Robinson,	" "	Jan. 20, 1898
Miss Daisy Stewart,	" "	Jan. 20, 1898
Miss Martha L. Metcalf,	" "	Nov. 25, 1898
Miss Izetta A. Bell,	" "	Dec. 8, 1898

Those marked C. S. received appointment through civil-service examination.

LEWIS S. DREYER, Laborer, was born in Boone Co., Ind., Dec. 29, 1860, and appointed from Indianapolis Oct. 10, 1898.

JOSEPH FOPPIANO, Laborer, was born at Memphis, Tenn., Oct. 18, 1867, and appointed from Indianapolis March 27, 1899.

MARY MORRISON, Laborer, appointed May 29, 1896.

HAMMOND, IND.

LEWIS R. BAKER, Inspector in charge, was born July 21, 1862, at Waunakee, Dane Co., Wis., and was reared on a farm; attended common schools and the agricultural department of the University of Wisconsin, class of 1887; then took course at Ontario Veterinary College, Toronto, Canada, receiving degree of V. S. in 1889; practised the veterinary profession at Madison, Wis., for two years; was appointed June 19, 1891, and stationed at Chicago, and was transferred to Hammond, Nov. 1, 1895, and placed in charge.

JAMES L. GERRISH, Stock Examiner, was born at Boscawen, Merrimac Co., N. H., Nov. 15, 1836; received education at Merrimac Normal Institute and at Farmers' College, College Hill, Ohio; served in the Civil War as private in Co. A, 99th Ind. Vol. Inf.; engaged in farming and stock raising in Indiana until time of first appointment in Bureau at Hammond, June 22, 1891, as tagger; was out of the service from May 15, 1893, until reinstatement at Indianapolis, April 11, 1898; transferred to Hammond May 2, 1898, and promoted to stock examiner Aug. 1, 1900.

JOHN J. YOUNG, Stock Examiner, was born in Stark Co., Ohio, Nov. 11, 1843; removed with parents to Huntington Co., Ind., in 1848, where he received a common school education; in 1866 removed to the city of Huntington, Ind., and became engaged in manufacture of wagon material; served as city councilman from 1882 to 1888, and as State committeeman from 1888 to 1892; received appointment in the Bureau May 1, 1893.

P. J. GOLDEN, Stock Examiner, was born at Gettysburg, Pa., Feb. 23, 1844, and attended common schools; during the Civil War served in Co. C, 98th Pa. Vol. Inf.; prior to appointment in the Bureau was engaged in business as grocery merchant; was appointed from Hammond, Ind., May 16, 1893, as tagger, and promoted to stock examiner April 1, 1896.

JOHN J. MOLLOY, Stock Examiner, was born in Liverpool, England, Nov. 29, 1858; came to the United States and located at Chicago in 1882; spent several years in public works, and for a time was employed in a packing house; removed to Hammond in 1889, and was appointed in the Bureau June 27, 1895.

HENRY WAGNER, Tagger, was born at Baldunstein, Kingdom of Nassau, Germany; came to the United States in 1872 and located at Chicago; removed to Hammond in 1878; was appointed June 22, 1891.

THOMAS M. SMITH, Tagger, was born in Vermilion Co., Ind., Sept. 5, 1839; served in the United States Army from 1861 to 1865 as private in Co. F, 150th Ind. Vol. Inf.; received appointment in the Bureau first on Aug. 15, 1892, and served until May 15, 1893; was reinstated Oct. 15, 1900.

THOMAS HANSEN, Tagger, was born in Cook Co., Ill., Jan. 24, 1860, and received common school education; engaged in farming until twenty-three years of age; worked in packing house of G. H. Hammond Co. ten years; was appointed May 16, 1893.

JACOB LEISMANN, Tagger, was born in Walhausen, Germany, Dec. 10, 1847, and was educated in the common schools of that country; served in the German army from 1869 to 1873; came to America in 1882 and settled at Hammond, Ind.; was appointed in the Bureau May 16, 1893.

JOHN SUMMERS, Tagger, was born in Lengerich, Germany, March 7, 1856; came to America in 1876 and settled at Savannah, Ga.; removed to Hammond in 1879; was appointed May 16, 1893.

WILLIAM H. TIMMONS, Tagger, was born in White Co., Ind., Aug. 3, 1851; was reared on a farm and received common school education; removed to Idaville, Ind., and worked as clerk in store; was appointed postmaster at Idaville in 1887 and served four years; received appointment in the Bureau May 16, 1893.

WALTER WAISH, Tagger, was born in Atlone, Ireland, Dec. 12, 1835; served in the U. S. Army as private from 1861 to 1865; worked on railroad from 1865 to 1893; was appointed from Hammond, May 16, 1893.

FRANKLIN P. HERRON, Tagger, was born on a farm in Licking Co., Ohio, Oct. 10, 1852, and attended common schools; removed with his parents to White Co., Ind., in 1868; conducted a meat market before entering the Bureau service; was appointed from Monon, Ind., June 27, 1895.

#### MILWAUKEE, WIS.

ALBERT E. BEHNKE, Inspector in charge, was born Dec. 30, 1870, at New Ulm, Minn.; received education in the public schools, including high school and normal school; was employed in railway service for a time; afterwards attended Chicago Veterinary College and graduated with degree of D. V. S., after which he practised veterinary medicine; was appointed from New Ulm Oct. 1, 1895, through civil-service examination, as assistant inspector at Chicago; in June, 1896, was placed in charge at South St. Paul, and the following year was transferred to Milwaukee and placed in charge there and also at Cudahy for a time; was promoted to inspector April 1, 1898.

WALTER J. STEWART, Inspector, was born in Baltimore, Md., Dec. 20, 1873, and attended public schools; is a graduate of National Veterinary College, Washington, D. C., holding degree of D. V. S.; engaged in veterinary practice for two years; was appointed from Baltimore, after civil-service examination, June 15, 1896, as assistant inspector and stationed at Chicago; was transferred to Ottumwa, March 9, 1898, to Cedar Rapids a few days later, and to Milwaukee, May 27, 1899, and promoted to inspector July 1, 1900.

**THEODORE T. GREENE**, Assistant Inspector, was born April 4, 1844, at Edmeston, Otsego Co., N. Y.; served in the Civil War from 1861 to 1865, in Co. K, 13th Wis. Vet. Vol. Inf.; has studied and practised veterinary medicine since 1865; went to Chicago Veterinary College and graduated in 1890 with degree of V. S.; was first appointed at Chicago from Lake Geneva, Wis., Sept. 1, 1891, and served until March 31, 1893; was reinstated at Milwaukee Jan. 18, 1900.

**ROBERT H. HARRISON**, Assistant Inspector, was born in New York City, March 9, 1862; was educated in Lowell (Mass.) high school, Harvard University, and American Veterinary College, graduating from the last-named school with degree of D. V. S.; for five years was instructor in anatomy and surgery in veterinary department of Harvard University, and five years professor of pathology and dentistry in Kansas City Veterinary College; also engaged in private practice; was appointed from Atchison, Kans., through civil-service examination, Feb. 7, 1898.

**RICHARD W. HEWETT**, Assistant Inspector, was born in Gloucester Co., N. J., July 16, 1868; attended public and high schools and West Jersey Academy; on Dec. 1, 1890, was appointed assistant postmaster at Bridgeton, N. J.; resigned this position to attend American Veterinary College, from which he graduated with degree of D. V. S.; engaged in general veterinary practice, and also served as veterinary inspector to Bridgeton city board of health, deputy inspector to New Jersey State board of health, and deputy inspector to New Jersey tuberculosis commission; was appointed in the Bureau from Camden, N. J., Feb. 8, 1899, through civil-service examination.

**HERBERT CALDWELL**, Assistant Inspector, was born at Godrich, Ontario, Canada, July 21, 1874; graduated from manual training high school, Louisville, Ky., in 1894, and from Ontario Veterinary College (V. S.) in 1896; practised the veterinary profession in Louisville from time of graduation until appointment in the Bureau; was appointed through civil-service examination, Feb. 23, 1899.

**GEORGE W. BUTLER**, Assistant Inspector, was born at Stirling, Ontario, Canada, March 9, 1858, and attended public schools; during his youth was employed in cheese making and farm work; graduated from Ontario Veterinary College in 1884 with degree of V. S., and did a general veterinary practice for the next fifteen years; was appointed in the Bureau from Circleville, Ohio, after civil-service examination, June 27, 1899.

**CHARLES H. MORSE**, Clerk, was born in Milwaukee, Wis., Feb. 28, 1865; attended public schools and Carroll College, Waukesha, Wis.; was employed as bookkeeper four years, and for six years was in charge of shipping department of Armour Packing Co., Kansas City; received appointment as tagger at Kansas City, Nov. 15, 1893, and was promoted to clerk Oct. 1, 1894; transferred to Milwaukee Jan. 17, 1899.

**HENRY BAUMEL**, Stock Examiner, was born at Lancaster, Pa., Dec. 7, 1844; received education in public school and business college; learned the butcher trade at the age of sixteen and followed this for eight years, then entered the employ of a railroad company as ticket and passenger agent, serving for twenty years; was appointed in the Bureau from Milwaukee, Oct. 9, 1893.

**CHRISTIAN HILLER**, Stock Examiner, was born in Milwaukee, Wis., May 7, 1855, and received a common school education; followed the trade of cigar maker; was appointed as a tagger Dec. 15, 1893, and promoted to stock examiner March 1, 1895.

**JACOB J. EICHSTAEDT**, Stock Examiner, was born at Brookfield, Waukesha Co., Wis., July 29, 1861; received common school education, and was a farmer before entering the service of the Bureau; was appointed from Milwaukee on June 5, 1894.

THOMAS CHARLES MURPHY, Stock Examiner, is a native of Wexford, Ireland, where he resided twenty years before coming to this country; was appointed from Milwaukee on June 5, 1894.

JOHN P. SOMERS, Stock Examiner, was born in Ireland, April 30, 1859, and was educated in Irish national schools and training school for teachers at Dublin; taught school three years in Ireland; came to the United States in 1881; was in employ of Armour & Co. three years, Swift & Co. five years, and Cudahy Bros. Co., Milwaukee, three years; received appointment as tagger Nov. 1, 1894, and promotion to stock examiner Dec. 21, 1898.

CHESTER JOSEPH CURTIS, Tagger, was born at Elm Grove, Waukesha Co., Wis., April 9, 1870; received common school education, and was employed in the butcher business; was appointed from Milwaukee June 5, 1894.

ELBERT V. PUTNAM, Tagger, was born at Waupaca, Wis., Sept. 19, 1854; was appointed from and stationed at Chicago, through civil-service examination, May 1, 1896, and transferred to Milwaukee July 15, 1896.

WILFRED M. MILLER, Tagger, was born at Chauncey, Kent Co., Mich., March 29, 1875; attended district and high schools of that State, and Ferris Institute and teachers' preparatory school at Big Rapids, Mich.; has been employed on a farm, in a flouring mill, and in teaching school; was appointed from Newaygo, Mich., Nov. 10, 1899, through civil-service examination.

#### *Assistant Microscopists.*

NAME.	State from which Appointed.	Date of Original Appointment.
Miss Mary Gorman,	Wis.	Aug. 25, 1891
Miss Anastasia Lawrence,	"	a Aug. 26, 1891
Miss Hattie Schultz,	"	Sept. 11, 1891
Miss Emma C. Fogo,	"	a Oct. 10, 1892
Miss May E. Carlisle,	Kans.	Aug. 26, 1893
Miss Louise Faust,	Wis.	Oct. 30, 1894
Miss Josephine A. Lyon,	"	Dec. 5, 1894
Miss Mary McShane,	"	Feb. 7, 1895
Miss Anna Zimmerman,	"	Feb. 7, 1895
Miss Mary Somers,	"	Feb. 7, 1895
Miss Sue Nichols,	" c. s.	Oct. 15, 1897
Miss Elba E. Whittaker,	" "	Dec. 18, 1897
Miss Ella M. Caldwell,	" "	Dec. 28, 1897
Miss Frankie E. Kelly,	" "	Dec. 28, 1897
Miss Nellie F. Somers,	" "	Jan. 3, 1898
Miss Pearl M. Finch,	" "	Jan. 7, 1898
Miss Anna B. Armstrong,	Kans. "	Jan. 10, 1898
Miss Margaret Burke,	Mo. "	Jan. 29, 1898
Miss Harriet F. King,	Wis. "	Feb. 15, 1898
Miss Clara E. Holmes,	Iowa "	Apr. 5, 1898
Miss Mae Searles,	Ill. "	Apr. 5, 1898
Miss M. Myrtle Maynard,	Wis. "	Apr. 16, 1898
Miss Ida M. E. Scholz,	" "	Apr. 16, 1898
Miss Sylvia M. Whittaker,	" "	Apr. 16, 1898
Miss Edna L. Willis,	" "	Apr. 16, 1898
Miss Caroline M. Hopkins,	Iowa "	May 8, 1898

Those marked c. s. received appointment through civil-service examination.

a. Subsequently appointed through civil-service examination.

## CUDAHY, WIS.

BOYD BALDWIN, Inspector in charge, was born in New York City, May 6, 1854; resided in Saratoga Co., N. Y., and Bergen Co., N. J.; removed to Fulton Co., Ill., in 1870, and engaged in farming and stock raising; received his education in the common schools, University of Illinois, Gem City Business College at Quincy, Ill., and Chicago Veterinary College, and holds the degree of D. V. S.; taught school twelve years and practised veterinary medicine five years; served as census enumerator in 1890; was appointed in the Bureau from Galesburg, Ill., June 21, 1897, through civil-service examination, as assistant inspector at National Stock Yards, Ill.; was transferred to Chicago Aug. 1, 1898, and promoted to inspector Dec. 1, 1900, and on Dec. 10, 1900, was transferred to his present station.

ISAAC NEWTON KROWL, Assistant Inspector, was born in New York City, March 13, 1857; attended private school in Liverpool, England, in 1869; graduated from grammar school, New York, in 1873; the following year was apprenticed to stair building trade; in 1878 began as assistant to Dr. James R. Krowl, veterinarian, New York; graduated from American Veterinary College with degree of D. V. S. in 1884, and from that time until appointment in the Bureau was engaged in general practice in New Jersey; took a special course of study in meat inspection, and on Dec. 24, 1900, was appointed to his present position through civil-service examination.

GEORGE J. REINSCH, Clerk, was born in Nimptsch, Prussia, Sept. 3, 1837; received education in city schools, gymnasium (high school) in Prussia, and German school of architecture; was a clergyman in Kentucky, Iowa and Wisconsin for thirty years, and draftsman in Wisconsin State land office two years; was appointed from Madison, Wis., May 15, 1895, and stationed at Milwaukee, and on Feb. 20, 1899, transferred to his present station.

JAMES WILLIAM CARNEY, Stock Examiner, was born in New York City, July 7, 1850; received public school education; in 1864 began work at the butcher trade for Plankinton & Armour in Milwaukee, and continued with them and their successors until appointment in the Bureau; was appointed as tagger at Milwaukee, Sept. 15, 1892; promoted to stock examiner Sept. 15, 1894, and transferred to Cudahy, Dec. 1, 1898.

CHARLES F. ELMER, Stock Examiner, was born at Milwaukee, Wis., and educated in the public schools; worked two years in wire works business and one year in packing house; was appointed as tagger at Milwaukee Sept. 15, 1894, and promoted to stock examiner Dec. 21, 1898, after passing examination for promotion; transferred to Cudahy Dec. 1, 1898.

FRANK MACKUT, Tagger, was born in Chonitz, Germany, April 25, 1862; received education in Catholic parochial school; was employed in Milwaukee for ten years as type caster and for a year and a half in retail meat market; received appointment as laborer at Milwaukee, Sept. 15, 1894, and on May 1, 1896, was appointed tagger in the classified service; transferred to Cudahy Dec. 1, 1898.

JOSEPH M. SOMMER, Tagger, was born of German parents at Detroit, Mich., April 26, 1869; received education in public schools, business college, and from private tutor; spent four years in grocery business with his father, then learned the trade of barber and followed this for eight years; was appointed from Chicago, through civil-service examination, Oct. 1, 1896, and stationed at Milwaukee; transferred to Cudahy April 29, 1898.

STEPHEN D. GILLETT, Tagger, was born at Swan, Noble Co., Ind., July 10, 1867; attended public schools and at the age of nineteen years received a diploma from Indiana State board of education; for five years was a teacher in public schools of Michigan; was appointed from Jones, Mich., through civil-service examination, Jan. 2, 1899, and stationed at Cudahy, Wis.; transferred to Chicago Sept. 28, 1899, and back to Cudahy the following month.

## EAU CLAIRE, WIS.

ORRIN W. SNYLER, Inspector in charge, was born at Lena, Ill., Feb. 6, 1859; graduated from American Veterinary College with degree of D. V. S. in 1884, and engaged in veterinary practice; was first appointed in the Bureau at Hammond, from Rushville, Ind., June 15, 1891, and served until May 15, 1893; secured re-appointment Oct. 1, 1896, as assistant inspector at Milwaukee through civil-service examination; was transferred to Eau Claire (in charge) June 12, 1899, and promoted to inspector June 1, 1900.

## BLOOMINGTON, ILL.

FREDERICK BRAGINTON, Inspector in charge, was born in Lake Co., Ind., May 13, 1862; was educated in Northern Indiana Normal School, Crown Point High School, Northern Indiana Business College, and Ontario Veterinary College, receiving from the last-named institution the degree of V. S.; for some time was engaged in handling and training of horses and practice of the veterinary profession; was appointed from Crown Point, Ind., May 16, 1893, and stationed at Hammond, Ind., and was transferred to Bloomington, Ill., April 15, 1898.

CHARLES VANDERVOORT, Tagger, was appointed at Hammond, Ind., May 16, 1893, and transferred to Bloomington April 16, 1898.

## QUINCY, ILL.

JAMES S. KELLY, Inspector in charge, was born at Irving, Montgomery Co., Ill., Oct. 5, 1870; graduated from Ontario Veterinary College in class of 1890-91, receiving degree of V. S. and gold medal; had three years' experience in mercantile business, and spent four years in practice of the veterinary profession; was appointed from Litchfield, Ill., as assistant inspector at South St. Joseph, Mo., April 1, 1897, through civil-service examination; was transferred to Quincy, Nov. 1, 1899, and promoted to inspector July 16, 1900.

JOHN E. FEIGHNER, Tagger, was born March 21, 1863, in Ohio; attended high schools of Pioneer and Stryker, Ohio, and Fayette (Ohio) Normal University; for several years was engaged as teacher of country and village schools; was appointed from Montpelier, Ohio, Dec. 12, 1899, through civil-service examination.

ARTHUR SHERMAN, Tagger, was appointed from Michigan, through civil-service examination, Dec. 20, 1900.

## NATIONAL STOCK YARDS (EAST ST. LOUIS), ILL.

JAMES J. BROUGHAM, Inspector in charge, was born at Waukesha, Wis., Nov. 15, 1860; received education in common and high schools at Milwaukee, and at Chicago Veterinary College, graduating from that college in 1889 with degree of D. V. S.; engaged in practice of veterinary medicine from that time until appointment in the Bureau at Chicago, July 24, 1891; was transferred to his present station Oct. 15, 1892.

ROBERT L. KELLY, Inspector, was born at Irving, Montgomery Co., Ill., Feb. 27, 1872; is a graduate of Ontario Veterinary College with degree of V. S.; was appointed from Irving, Ill., through civil-service examination, Sept. 7, 1897, and stationed at Cincinnati, and on Feb. 1, 1898, was transferred to National Stock Yards; received promotion to inspector Dec. 1, 1900.

JOHN O. F. PRICE, Assistant Inspector, was born at Swansea, Wales, Nov. 26, 1867; is a graduate of Ontario Veterinary College, holding degree of V. S., prac-



tised veterinary medicine from time of graduation until appointment in the Bureau; was appointed from Lancaster, Ohio, after civil-service examination, Aug. 1, 1899.

HENRY E. BROWN, Assistant Inspector, was born at Cambridge, Mass., June 1, 1873; attended Harvard Veterinary College and received degree of M. D. V.; practised veterinary medicine from time of graduation until appointment in the Bureau, Sept. 1, 1899, from Cambridge, through civil-service examination.

ROBERT JAMES MORRISON, Assistant Inspector, was born at Detroit, Mich., Oct. 31, 1871; attended public school and business college, and was employed in his father's grocery store; went to Ontario Veterinary College and graduated with degree of V. S.; practised the veterinary profession ten years; was appointed from Detroit, through civil-service examination, Feb. 21, 1900.

WILLIS H. MEADORS, Assistant Inspector, was born at Lafayette, Ala., Feb. 21, 1874; attended Kansas City Veterinary College and received degree of D. V. S.; was appointed from Kansas City, Mo., June 1, 1900, after civil-service examination.

ROY E. JACKSON, Assistant Inspector, was born at Tyler Hill, Wayne Co., Pa., Feb. 17, 1874; attended public schools of that county, Delaware Valley academy at Damascus, Pa., and Ontario Veterinary College, receiving degree of V. S. from the last in 1896; practised at Rocky Hill and Hartford, Conn., until time of appointment; in 1897 passed examination before Pennsylvania State board of veterinary medical examiners and received certificate for registration in that State; received appointment June 15, 1900, through civil-service examination.

WILLIAM S. CRAWFORD, Clerk, was born at Edwardsville, Ill., June 3, 1870; attended public school and took business course at Shurtleff College, Upper Alton, Ill.; engaged in farming and was employed as traveling expert for the Walter A. Wood Co., manufacturers of harvesting machinery; was appointed from Godfrey, Ill., April 10, 1895.

WILLIAM T. FLYNN, Stock Examiner, was born in Madison Co., Ill., April 19, 1862; from 1885 to 1893 was assessor of Edwardsville township, Ill., and was four years deputy sheriff; was appointed from Edwardsville, Ill., July 17, 1893.

JOHN F. SCHIERMANN, Stock Examiner, was born in Germany, Sept. 8, 1842, and was appointed from Carlyle, Ill., July 17, 1893.

GEORGE SUTHERLAND, Stock Examiner, was born in Clark Co., Ky., Sept. 22, 1826, and lived on a farm; served in the Mexican War as second lieutenant in Capt. Williams's company of independent Kentucky volunteers, and was wounded in the battle of Cerro Gordo; removed to Missouri in 1867 and farmed until 1871, when he went to St. Louis and engaged in buying and selling hogs; was appointed tagger July 1, 1894, and promoted to stock examiner Nov. 12, 1894.

A. R. BRUTON, Stock Examiner, was born in Kentucky on July 22, 1843; was engaged in buying and slaughtering live stock for about twenty years before entering the Bureau service; was appointed from East St. Louis, Feb. 15, 1895.

FRANK O'NEILL, Stock Examiner, was born in New York City, Nov. 13, 1859; received education in common schools and followed the business of butcher and live-stock dealer; was appointed from East St. Louis as laborer July 2, 1895, promoted to tagger May 1, 1896, and to stock examiner July 18, 1898.

ARTHUR H. BIEB, Stock Examiner, was born in Pike Co., Mo., Jan. 24, 1863; was educated in country public school and at Watson Seminary, Ashley, Mo.; early life was spent on a farm; afterwards had experience in mercantile business and bookkeeping; was appointed from St. Louis, Mo., as stock examiner at Chattanooga, Tenn., through civil-service examination, May 1, 1896, and was transferred to Louisville Dec. 1, 1896, and to present station July 11, 1898.

DAVID R. HODGES, Stock Examiner, was born at Little Rock, Ark., Dec. 25, 1870; received public school education and engaged in live stock and abattoir business; was appointed from East St. Louis, Sept. 1, 1896, through civil-service examination.

CLEMENT BEVELOT, Tagger, was born at East St. Louis, Ill., Feb. 22, 1855, and attended common school; previous to entering the Bureau service was engaged in the meat and grocery business; was appointed from East St. Louis, Dec. 1, 1893.

E. S. BENNETT, Tagger, was born at New Athens, Ill., May 27, 1852, and attended common school at Belleville, Ill.; followed the trade of woodworker prior to entering the Bureau service; was appointed from East St. Louis Feb. 15, 1895.

JOSEPH G. CARR, Tagger, was born in Menard Co., Ill., Oct. 8, 1841, and received common school education; served as postmaster at Elkhorn, Ill., beginning in 1885, and was appointed in the Bureau from that place on Feb. 15, 1895.

WILLIAM J. DOYLE, Tagger, was born at East St. Louis, Ill., Dec. 25, 1870, and received a common school education; was employed as railroad clerk previous to taking present position; received appointment from East St. Louis Feb. 15, 1895; was transferred to St. Louis Jan. 1, 1896, and back to National Stock Yards Dec. 1, 1896.

JOSEPH SULLIVAN, Tagger, is a native of Ireland, and was appointed from East St. Louis, Ill., on Feb. 15, 1895.

ROBERT GRAY, Tagger, was appointed from East St. Louis, June 24, 1895.

EDWARD OLDHAM SPEAKE, Tagger, was born at Carlisle, Ind., Oct. 9, 1870, and was appointed from that place, through civil-service examination, April 1, 1898.

EDWARD M. SMITH, Tagger, was born at Shelbyville, Ill., Jan. 9, 1872, and was appointed from Herrick, Ill., through civil-service examination, July 18, 1898.

EDWARD C. LAUCK, Tagger, was born at Brighton, Ill., July 9, 1876; received education in common and high schools; engaged in retail meat business and also in electrical business; was appointed from Brighton, through civil-service examination, Oct. 12, 1898, and stationed at Chicago; transferred to present station Aug. 15, 1899.

JAMES W. CHOWNING, Tagger, was born at Ladoga, Montgomery Co., Ind., Sept. 22, 1876; attended common and high schools at Madison, Ind., and Carroll Seminary, Carrollton, Ky.; has had experience in farm work and as clerk for mercantile establishments and in law office; was appointed from Carrollton, Ky., through civil-service examination, Dec. 1, 1898.

MISS ANNA KLINGEL, Assistant Microscopist, was born at Edwardsville, Ill., March 8, 1877; received temporary appointment from that city March 10, 1898, and regular appointment through civil-service examination June 10, 1898.

MISS MAMIE PAULY, Assistant Microscopist, of Illinois, was temporarily appointed March 10, 1898, and regularly appointed June 10, 1898, after passing civil-service examination.

MISS LAURA S. ROPJEQUET, Assistant Microscopist, of Illinois, received temporary appointment March 10, 1898, and was regularly appointed through civil-service examination June 10, 1898.

MISS INEZ J. CHRISTIE, Assistant Microscopist, of Iowa, appointed April 5 1898, through civil-service examination.

## SOUTH ST. PAUL, MINN.

FRANK D. KETCHUM, Inspector in charge, was born in Marshall Co., Ill., Dec. 19, 1856; attended common and high schools, also Chicago Veterinary College, graduating with degree of M. D. C., and engaged in practice of veterinary surgery; was appointed from Henry, Ill., as assistant inspector at Milwaukee, through civil-service examination, Oct. 1, 1896; transferred to South St. Paul, and placed in charge Jan. 4, 1899, and promoted to inspector July 1, 1899.

M. O. ANDERSON, Assistant Inspector, was born at York, Ontario, Canada, Nov. 2, 1857, and attended common and high schools and Woodstock College; engaged in farming and stock raising and was interested in manufacture of tobacco and cigars; went to Ontario Veterinary College and took degree of V. S., and practised the veterinary profession from 1886 until entering the Bureau service. was appointed from Houghton, Mich., March 9, 1898, through civil-service examination; was placed in charge at Austin, Minn., Dec. 17, 1900.

DANIEL GARDNER SHUMWAY, Assistant Inspector, was born at Lebanon Springs, N. Y., July 3, 1874; received education at Mount Whitney Institute, Stephentown, N. Y., Wesleyan Academy, Wilbraham, Mass., and University of Pennsylvania, with degree of V. M. D. from the last; engaged in veterinary practice until appointment in the Bureau, from Stephentown, April 12, 1899, through civil-service examination.

GEORGE T. IRONS, Assistant Inspector, was born at Lilley, Hertfordshire, England, on Dec. 9, 1864, and was educated in the schools of that country; came to America, and for ten years engaged in cattle and horse ranching in western Texas; attended Ontario Veterinary College, receiving degree of V. S., and practised veterinary medicine and surgery; was appointed from Cadillac, Mich., through civil-service examination, April 18, 1899.

ROLLA N. MEAD, Assistant Inspector, was born at Damascus, Henry Co., Ohio, March 29, 1869; holds degree of D. V. M. from Ohio State University; was appointed from Grand Rapids, Ohio, through civil-service examination, April 23, 1900.

JOHN JACOBSON, Stock Examiner, was born in Sweden, Dec. 7, 1850, and was educated in agricultural colleges; before appointment in the Bureau was employed as clerk at Sioux City, Iowa; was appointed tagger at Sioux City, Feb. 2, 1895; transferred to Chicago July 7, 1897, and to South St. Paul Nov. 6, 1897; promoted to stock examiner Dec. 21, 1898.

THOMAS M. LIBBY, Stock Examiner, was born at Brockway, Stearns Co., Minn., Nov. 25, 1861, and attended normal and high schools; at various times engaged in farming, stock raising, lumbering, railroading, and school teaching; received appointment Oct. 1, 1895, through civil-service examination.

HARRY S. NEWLOVE, Tagger, was born in Clark Co., Ohio; was appointed from Denver, Colo., through civil-service examination, Jan. 1, 1897, and stationed at San Francisco, and on Dec. 11, 1897, transferred to South St. Paul.

CALVIN W. VON DORN, Tagger, was born at West Union, Iowa, April 24, 1858; attended Waverly (Iowa) high school and Cornell College at Mount Vernon, Iowa; was employed as teacher and afterwards as clerk and bookkeeper; received appointment from Lake City, Iowa, through civil-service examination April 11, 1898, and was stationed at New Brighton Minn.; transferred to present station July 30, 1898.

BURR ALLEN, Tagger, was born at Bassett, Iowa, Jan. 28, 1866; attended common school and Decorah Business Institute; engaged in creamery business and farming; was appointed from Forest City, Iowa, July 18, 1898, through civil-service examination.

## DAVENPORT, IOWA.

GEORGE DITEWIG, Inspector in charge, was born at Peoria, Ill., Feb. 11, 1863, and attended public schools; engaged in farming and stock growing; graduated from Chicago Veterinary College in 1891 with degree of D. V. S., and was credited with highest average in collective studies and awarded prize in materia medica; spent five and a half years following graduation in veterinary practice at Canton, Ill., and held commission as assistant State veterinarian from 1892 until appointment in the Bureau; was appointed Feb. 10, 1897, as assistant inspector at National Stock Yards, Ill., through civil-service examination; transferred to Davenport (in charge), Nov. 5, 1897, and promoted to inspector May 1, 1900.

JOHN TRAINER, Stock Examiner, was born in Ireland, March 14, 1853; was appointed from Sterling, Ill., July 17, 1893, as tagger at Chicago, promoted to stock examiner June 27, 1895, and transferred to Davenport Sept. 15, 1896.

GEORGE C. BURKE, Stock Examiner, was born at Walnut, Bureau Co., Ill., June 28, 1862; attended country school and studied one term each at Lombard University, Galesburg, Ill., and Ottumwa (Iowa) business college; was employed eight years as clerk in C., B. & Q. railroad freight office at Ottumwa, and two years as shipping clerk with John Morrell & Co., packers, of Ottumwa; received appointment in the Bureau at Ottumwa, Nov. 1, 1893, and was transferred to Davenport April 15, 1897.

## CEDAR RAPIDS, IOWA.

TRAJAN A. SHIPLEY, Inspector in charge, was born in Allen Co., Ohio, April 18, 1864, and was reared on a farm; attended public schools of Ohio, Smithville high school, and Ohio Normal University; taught country school seven winters; went to Chicago Veterinary College and graduated in 1890 with degree of D. V. S.; served as assistant to Dr. A. H. Baker, Chicago, one year, and spent four years in veterinary practice at Dubuque, Iowa; was appointed as assistant inspector at Chicago, through civil-service examination, March 20, 1895; transferred to Cudahy, Wis., Oct. 19, 1895, and to Cedar Rapids April 15, 1896; promoted to inspector July 1, 1896.

WILLIAM F. PFLEAGING, Stock Examiner, was born in Louisville, Ky., Jan. 12, 1860, and received education in public schools of Omaha, Nebr.; prior to appointment was manager for Standard Oil Co. at Nebraska City, Nebr.; was appointed Feb. 15, 1894, as tagger at Nebraska City; promoted to stock examiner Aug. 1, 1894, and transferred to present station May 11, 1896.

ALFRED DAY, Stock Examiner, was born at Marietta, Ohio, Feb. 15, 1856; attended city schools of Nevada, Iowa, and Iowa Agricultural College; engaged in farming and teaching school; was appointed from Albia, Iowa, as tagger at South St. Paul, Minn., Dec. 10, 1895, through civil-service examination; transferred to Nebraska City, Nebr., June 1, 1897, and to Cedar Rapids Oct. 12, 1897; promoted to present position Sept. 1, 1898.

D. N. WHEELER, Tagger, was born at Dysart, Iowa, Oct. 14, 1863, and received appointment from Cedar Rapids, after passing civil-service examination, March 10, 1898.

### *Assistant Microscopists.*

Miss Edith A. Bailey, appointed Feb. 9, 1898.

Miss Ursula P. Bryant, appointed Feb. 9, 1898.

Miss Edith L. Wolf, appointed Feb. 9, 1898.

Miss Tresey Cowan, appointed May 9, 1898.

Mrs. May M. Hartley, appointed May 9, 1898.

Miss Isabel D. Knox, appointed May 9, 1898.

Miss Goldie B. Spafard, appointed May 9, 1898.

(All from Iowa and appointed through civil-service examination.)

## WATERLOO, IOWA.

LEVI ENOS DAY, Inspector in charge, was born at Melbern, Ohio, June 20, 1865, and attended common schools; graduated from Ontario Veterinary College in 1891 with degree of V. S.; took post-graduate course, at the same time filling position of demonstrator of anatomy, at Kansas City Veterinary College in 1896-97, and in 1898 took special course in pathology at post-graduate school Chicago; engaged in veterinary practice from time of graduation until appointment in the Bureau; was appointed from Kansas City, Mo., as assistant inspector at Chicago, April 15, 1897, after civil-service examination; transferred to Waterloo March 10, 1900, and promoted to inspector July 16, 1900.

LLEWELLYN CARLISLE AKIN, Tagger, was born in Livingston Co., Ill., Jan. 24, 1876; attended public schools and graduated from normal course at Waterloo academy; taught school two years; was appointed from Waterloo Feb. 1, 1898, through civil-service examination, to a position at Ottumwa, and transferred to Waterloo in March, 1900.

## MARSHALLTOWN, IOWA.

IRA K. ATHERTON, Inspector in charge, was born at Bloomington, Ill., Sept. 26, 1871; attended common schools at Arrowsmith and business college at Dixon; took a course at New York College of Veterinary Surgeons and received degree of V. S.; was engaged several years in drug business and registered as assistant pharmacist in Illinois; also practised veterinary profession; was appointed assistant postmaster at Arrowsmith, Ill., July 1, 1889; entered Bureau service Feb. 15, 1895, by appointment from Kansas City, Kans., through civil-service examination, as assistant inspector at Boston; in following November was transferred to South Omaha, and a month later was placed in charge at Clinton, Iowa; in December, 1896, was put in charge of inspection at Marshalltown, and on July 1, 1898, promoted to grade of inspector.

W. D. MILLS, Laborer, appointed Sept. 18, 1900.

## OTTUMWA, IOWA.

JOSHUA MILLER, Inspector in charge, was born near London, Ontario, Canada, Dec. 27, 1863; education was acquired in common schools of Canada and in Ontario Veterinary College, from which he received degree of V. S.; was engaged for five years in breeding and raising draft horses and dairy cattle, and twelve years in general veterinary practice at Ottumwa; received appointment as assistant inspector at National Stock Yards, Ill., through civil-service examination, Dec. 10, 1895, and was transferred to his present station Aug. 11, 1896, and promoted to grade of inspector Dec. 21, 1898.

ABRAHAM J. MADEK, Stock Examiner, was born in Hamilton Co., Ind., Oct. 19, 1840; was reared on a farm and received a common school education; for a number of years was engaged in live-stock business, afterwards in the flour milling business, and later was chief of police of Ottumwa, Iowa; received appointment in the Bureau Oct. 9, 1893.

GEORGE S. BLISS, Tagger, was born in Mitchell Co., Iowa, Sept. 17, 1871; attended public schools of Bancroft, Iowa, and took two years in civil engineering at Highland Park College, Des Moines; taught school during the winters and occupied time at carpenter work in the summer months; received appointment from Edgar Springs, Mo., through civil-service examination, May 10, 1898.

*Assistant Microscopists.*

Mrs. Fannie Cone, appointed Aug. 22, 1892 (c. s. June 9, 1898).

Mrs. Bertha S. Hunter, appointed Feb. 21, 1898.

Miss Maud D. Holman, appointed Feb. 26, 1898.

Miss Mary E. Chickering, appointed April 5, 1898.

Miss Margaret E. Stevens, appointed May 11, 1898.

(All from Iowa and appointed through civil-service examination.)

**SIOUX CITY, IOWA.**

WILLIAM THOMPSON, Inspector in charge, was born in England, Oct. 22, 1869; after going through common schools, went to Chicago Veterinary College and took degree of M. D. C., and afterwards engaged in practice of the veterinary profession; received appointment from Chicago as assistant inspector at National Stock Yards, Ill., Nov. 19, 1894, through civil-service examination; was transferred to his present station June 15, 1897, and promoted to inspector April 1, 1898.

GEORGE A. JOHNSON, Inspector, was born at Prairie du Sac, Wis., Sept. 11, 1862; attended public schools, and took agricultural and veterinary courses at Iowa State College, graduating from veterinary department in 1886 with degree of D. V. M.; engaged in veterinary practice at Odebolt, Iowa, and acted as deputy State veterinary surgeon; was first appointed in the Bureau as inspector in charge at Sioux City, July 1, 1892, and served until April 15, 1893; held positions of city meat inspector for Sioux City and president of Iowa State Veterinary Association; re-entered the Bureau service as assistant inspector at Kansas City, through civil-service examination, April 1, 1897, and was transferred to Sioux City April 1, 1898, and promoted to inspector June 2, 1900.

HENRY ROOME, Assistant Inspector, was born in London, England, March 6, 1867; attended Agricultural College at Guelph, Ontario, the Ontario Veterinary College (receiving degree of V. S.), and Royal Veterinary College, London, England; spent three years in veterinary practice at Lake Geneva, Wis., and four years at Menominee, Mich.; received appointment Sept. 25, 1899, after passing civil-service examination.

NELSON V. BOYCE, Assistant Inspector, was born in Preble Co., Ohio, Oct. 29, 1857; after completing high school course attended National Normal College at Lebanon, Ohio, and Central Normal College at Danville, Ind.; taught school in Ohio and Indiana; went to Medical College of Ohio at Cincinnati, graduating with degree of M. D., and practised medicine twelve years; then attended Kansas City Veterinary College and received degree of D. V. S.; was appointed from Kansas City, Kans., through civil-service examination, June 1, 1900.

WILLIAM F. LAVERY, Assistant Inspector, was born in Ohio, April 16, 1862; is a graduate of the veterinary school of Ohio State University, 1890, holding degree of D. V. M.; practised veterinary medicine until Jan. 1, 1896, when he accepted position of assistant professor in school of veterinary medicine, Ohio State University, and held this position until appointment in the Bureau, through civil-service examination, Aug. 23, 1900.

HENRY C. BABCOCK, Assistant Inspector, was born at Masonville, Iowa, Aug. 11, 1872; graduated from Ontario Veterinary College with degree of V. S. in 1894, and has since pursued the practice of the veterinary profession; studied medicine in Louisville Medical College and received degree of M. D. in 1896; was appointed in the Bureau from Kansas City, Mo., through civil-service examination, Sept. 1, 1900, after having been temporarily employed since July 1, 1900.

GEORGE W. CLARK, Clerk, was born in Brown Co., Ill., Jan. 12, 1838, and received common school education; served in the Civil War as first sergeant in Co. C, 27th Ill., and lost left arm at battle of Stone River; filled offices of county

surveyor, county clerk and deputy county clerk fourteen years, and land office clerk in State Auditor's office, Topeka, Kans., two years, and has been employed in other clerical positions for thirty years, off and on; was appointed from Beloit, Kans., March 1, 1898, through civil-service examination

DAVID A. WINNIE, Stock Examiner, was born at Albany, N. Y., June 7, 1842; served as post custom-house officer at Murfreesboro, Tenn., in 1863, and later in that year located at Sioux City; engaged in steamboating on the upper Missouri River, and for a few years was in business at Helena, Mont.; returned to Sioux City in 1867 and became associated as stock buyer with the first packing house established there, remaining with that firm until 1892; was appointed April 17, 1893, as tagger, and promoted to stock examiner Dec. 21, 1898.

CHARLES J. CHAMBERLIN, Stock Examiner, was born at Sioux City, Iowa, Aug. 18, 1858, and attended public schools of that city; lived on a stock farm from 1871 to 1876, then worked in a bank five years; was afterwards engaged in handling live stock, and during 1885 and 1886 worked on the range in Wyoming and Montana for the Weara Cattle Co.; was appointed from Sioux City as tagger March 1, 1894, and promoted to stock examiner, after passing examination, Jan. 1, 1899.

DONALD McDONALD, Stock Examiner, was born at Caledonia, N. Y., Sept. 29, 1844; attended country school in Wisconsin; during the Civil War served from 1862 to 1865 as sergeant in Co. B, 28th Wis.; in 1871-72 was in charge of men in quartermaster's department under Major Fuerry, at Sioux City; engaged in farming and stock raising; was sheriff of Woodbury Co., Iowa, six years, deputy sheriff ten years, and afterwards sheriff for another term of six years; was appointed tagger March 1, 1895, and promoted to stock examiner Feb. 1, 1896.

THOMAS GREEN COWGILL, Tagger, was born at Cowgill's Corner, near Dover, Del., Oct. 2, 1844, and received education in common schools and academy; served two years in U. S. Army as private and first sergeant in Co. E, 1st Del. Cav.; has been engaged as farmer, merchant, and in live-stock and real estate and insurance business; was appointed from Sioux City April 15, 1892, and served one year; was reinstated May 9, 1898.

MYRON H. KLING, Tagger, was born at Adams, Walworth Co., Wis., April 6, 1854, and educated in the common and high schools of Iowa; taught school a number of years, and for three years was county superintendent of schools for Cerro Gordo Co., Iowa; engaged in stock farming fifteen years, and during two years of this time also dealt in grain, live stock, coal, etc.; was appointed from Mason City, Iowa, after civil-service examination, July 18, 1898.

GEORGE H. ROBINSON, Tagger, was born at Minonk, Ill., Sept. 1, 1867; prior to entering the Bureau service was employed at clerical work; received appointment from Omaha, Nebr., Nov. 10, 1899, through civil-service examination.

WILLIAM E. HALL, Tagger, was born at Bellefontaine, Ohio, Jan. 26, 1869, and received common school education; served three years as minister of the gospel, and afterwards worked at the printing trade; received appointment from Bussey, Iowa, Dec. 1, 1899, through civil-service examination.

### *Assistant Microscopists.*

NAME.	State from which Appointed.	Date of Appointment.
Mrs. Anna R. Strange.	Iowa	Jan. 22, 1898
Miss H. Inez Temple.	"	Jan. 22, 1898
Miss Amelia M. Allyn.	"	May 5, 1898
Miss Mary L. Pendleton.	"	May 5, 1898
Miss Clara E. Townsend.	"	May 5, 1898
Mrs. Martha A. Brittan.	"	May 9, 1898
Miss Mary Connolly.	Ill.	June 7, 1898
Miss Cora A. Houseman.	"	June 7, 1898
Miss Nannie B. Frey.	Iowa	Jan. 5, 1899

(All appointed through civil-service examination.)

H. D. OSBORNE, Laborer, appointed March 21, 1898.

### ST. LOUIS, MO.

WILLIAM S. CASS, Inspector in charge, was born in Montgomery Co., Ill., April 18, 1857, and attended public school at Raymond, Ill.; engaged in mercantile business for ten years; went to Ontario Veterinary College and graduated in 1892 with degree of V. S., and practised the veterinary profession from that time until appointment in the Bureau; was appointed from Raymond and stationed at Chicago Dec. 18, 1893; transferred to National Stock Yards Dec. 20, 1895, and to St. Louis (in charge) Jan. 1, 1896.

CHESTER MILLER, Assistant Inspector, was born in London, Canada, Feb. 27, 1872; graduated from high school in Canada, and also from Ontario Veterinary College with degree of V. S.; engaged in practice of veterinary medicine for six years in the States of Kentucky, Tennessee and Iowa; was appointed from Ottumwa, Iowa, June 22, 1898, after civil-service examination.

THOMAS B. POTE, Assistant Inspector, was born at New Harmony, Ind., Aug. 22, 1867; attended high school, veterinary department of McGill University (receiving degree of D. V. S.), Miami Medical College at Cincinnati, and Clinical and Pathological School of Cincinnati Hospital; is now taking course at Washington University, St. Louis, leading to degree of M. D. in 1901; practised the veterinary profession five years, and from 1895 to 1899 was sanitary and food inspector to board of health, Terre Haute, Ind.; was appointed April 2, 1900, after civil-service examination.

DUNCAN R. GILLIES, Assistant Inspector, was born at Moffat, Ontario, Canada, Sept. 7, 1868; attended high school, and is a graduate of Ontario Veterinary College with degree of V. S., and of Rush Medical College with degree of M. D.; spent twelve years in agriculture and stock raising and five years in veterinary practice; was appointed June 1, 1900, from Chicago, through civil-service examination.

DANIEL CLIFTON BURNETT, Assistant Inspector, was born at Poland, Ohio, Oct. 20, 1870; attended high school and business college in Ohio, and Ontario Veterinary College, graduating with degree of V. S.; took post-graduate course at McKillip Veterinary College, where he received degree of M. D. V. and took first prizes in meat inspection and therapeutics and second prize for best general examination, and was chosen salutatorian; was employed as veterinarian by Fiss, Doerr & Carroll Horse Co., New York City; on Oct. 18, 1898, was appointed veterinarian in Quartermaster's Department, U. S. Army; received appointment in the Bureau from Chicago, through civil-service examination, June 15, 1900.

GEORGE H. BOUGHNER, Live Stock Agent, was born at St. Thomas, Ontario, Canada, Dec. 18, 1844; received education in public schools and Delaware College



Delaware, Canada; engaged in farming and in mercantile business at Lafayette, Mo.; was appointed at St. Louis on the cattle quarantine force April 15, 1895, transferred to National Stock Yards May 9, 1895, and to his present position at St. Louis Jan. 1, 1896.

JOHN O. W. ALEXANDER, Clerk, was educated in public high school and under private tutorage extending into collegiate courses; was connected several years with high schools of Little Rock and St. Louis as instructor in sciences and languages, and afterwards employed in departmental work with city government; is a linguist in German, French, Spanish and Latin, and can read Swedish, Dutch, Italian, Russian and Arabic; is also a stenographer and typewriter; was appointed at South St. Joseph, Mo., April 1, 1899, through civil-service examination, and transferred to St. Louis Feb. 21, 1900.

GEORGE MARKERT, Stock Examiner, was born at East St. Louis, Ill., Nov. 22, 1866, and attended public schools; worked ten years in rolling mill as helper and heater; was appointed as tagger at National Stock Yards Jan. 2, 1894, and on July 18, 1898, was transferred to St. Louis and promoted to stock examiner.

FRANK CANON, Stock Examiner, was born in Wayne Co., Ill., Feb. 12, 1857, and was educated in public schools; served as sheriff of his native county; received appointment in the Bureau as tagger at Chicago, from Fairfield, Ill., Feb. 19, 1894; was transferred successively to Cincinnati, Louisville, Kansas City, Nashville, National Stock Yards and St. Louis, and on April 1, 1894, was promoted to stock examiner.

ADELBERT G. BIBB, Stock Examiner, was born at Clarksville, Mo., Sept. 12, 1873; received education in public schools and collegiate institute; has served as hotel clerk, school teacher, and electrician's helper; was appointed from Washington, D. C., as tagger at South St. Paul, Minn., Oct. 1, 1895, through civil-service examination; transferred to National Stock Yards Dec. 10, 1895, and to St. Louis Jan. 1, 1896; promoted to stock examiner March 1, 1896.

MATTHEW O'KEEFFE, Tagger, was born in Westmeath Co., Ireland, March 1, 1866, and educated in English national schools; taught school from 1882 to 1885, when he came to New York City and was employed on street railway until 1887; served in U. S. Army from 1887 to 1896 as private and non-commissioned officer in 12th U. S. Inf.; was appointed May 1, 1896, from Fort Niobrara, Nebr., after civil-service examination.

JAMES FORD, Tagger, was born at East St. Louis, Ill., Sept. 6, 1850; received education in public school and business college; worked twenty years in butchering business and seven years in railroad clerical position; was appointed from Chicago, through civil-service examination, Sept. 28, 1896, and stationed at National Stock Yards; transferred to St. Louis Dec. 1, 1896.

EDGAR N. LA RUE, Tagger, was born in Saline Co., Mo., Feb. 21, 1875; attended country school, and engaged in farming; was appointed May 15, 1899, from Kansas City, Mo., through civil-service examination.

#### SOUTH ST. JOSEPH, MO.

JOHN FORBES, Inspector in charge, was born in Holytown, Lanarkshire, Scotland, April 28, 1865; acquired education in public schools of Scotland, Gartsherrie Academy of Science at Coatbridge, and Glasgow Veterinary College; received degree of M. R. C. V. S., and engaged in veterinary practice; was first appointed in the Bureau at South Omaha, Nebr., from Pawnee City, Nebr., June 1, 1891, and served until Aug. 10, 1893; re-entered the service from Omaha, through civil-service examination, Aug. 11, 1894, and was stationed at St. Joseph.

JAMES WILSON, Inspector, was born at Whitby, Ontario, Canada, Oct. 2, 1860; attended common and high schools and the Ontario Veterinary College, receiving degree of V. S.; received appointment at South Omaha from Lincoln, Nebr. July 1, 1891, and served until July 31, 1893; was reappointed at St. Joseph through civil-service examination, Dec. 1, 1894.

JOHN E. BLACKWELL, Inspector, was born at Barrie, Ontario, Canada, Dec. 22, 1865; attended high school at London, Ontario, and Ontario Veterinary College, receiving from the latter the degree of V. S.; engaged in veterinary practice; was appointed from Omaha, Nebr., and stationed at that city, Aug. 1, 1893, and transferred to South St. Joseph March 30, 1898.

HARRY G. MOORE, Inspector, was born at Carlisle, Pa., July 24, 1868; graduated from veterinary department of Iowa State College in 1894 with degree of D. V. M.; was appointed from Iowa, through civil-service examination, Jan. 1, 1896, as assistant inspector at Chicago; transferred to Milwaukee Aug. 4, 1896, to Cudahy Dec. 1, 1898, and to South St. Joseph Dec. 18, 1899; promoted to inspector June 2, 1900.

GEORGE A. BOND, Assistant Inspector, was born at Vicksburg, Mich., Aug. 5, 1869, and was educated in Vicksburg high school and Chicago Veterinary College, receiving from the latter the degree of M. D. C.; practised veterinary medicine three years at Louisville, Ky.; received appointment in the cattle quarantine service at Kansas City, Feb. 24, 1898, through civil-service examination; was transferred to present station Nov. 7, 1899.

FRANK CLEMENS McCURDY, Assistant Inspector, was born at Philadelphia, Pa., Oct. 15, 1868; attended public schools of that city; is a graduate of Central high school with degree of B. A., and of veterinary department of the University of Pennsylvania with degree of V. M. D.; also attended medical school; spent five years in the study and practice of veterinary medicine; was appointed from Philadelphia, through civil-service examination, April 1, 1898, and stationed at Kansas City; transferred to present station April 7, 1900.

JOHN B. WRIGHT, Assistant Inspector, was born Oct. 21, 1866, in Scotland; graduated from Kansas City Veterinary College in 1897 with degree of D. V. S.; received appointment from Kansas City, Mo., through civil-service examination, April 18, 1898.

HENRY J. WASHBURN, Assistant Inspector, was born at Lenox, Mass., Oct. 7, 1862; from 1881 to 1886 was engaged in importing Holstein cattle, and during this period visited the Netherlands three times to make purchases; following this was engaged for a time in dairying and stock raising; took a course at the veterinary department of Columbian University and received degree of D. V. S.; was appointed from Hillsdale, Mich., May 23, 1898, through civil-service examination.

THOMAS H. RIPLEY, Assistant Inspector, was born at Newark, N. J., Oct. 11, 1860; acquired veterinary education at the American Veterinary College, receiving degree of D. V. S., and from graduation until time of appointment was engaged in general practice at Newark; received appointment at South St. Joseph July 20, 1898, through civil-service examination; was transferred to New York Dec. 18, 1899, and back to present station June 1, 1900.

JOSEPH M. GOOD, Assistant Inspector, was born at Greenwood, Miss., Dec. 4, 1870; was educated in Mississippi Agricultural and Mechanical College, Ontario Veterinary College, and medical department of U. S. Grant University, and received from these institutions respectively the degrees of B. Sc., V. S., and M. D.; practised veterinary medicine at Butler, Pa., six months in 1894, and at Chattanooga, Tenn., from that time until appointment, attending medical college during the latter period; was married Jan. 10, 1899, to Miss M. S. Willis, of Cleveland, Tenn.; received appointment Feb. 23, 1899, through civil-service examination; is a member of the American Veterinary Medical Association.

JOHN A. SLOAN, Assistant Inspector, was born in New York City, Oct. 28, 1857; took scientific course at Kansas State Agricultural College, receiving degree of B. Sc., and also attended veterinary department of University of California and McKillip Veterinary College, receiving from the latter the degree of M. D. V.; had charge of veterinary hospital of Dr. W. F. Egan, at San Francisco, one

year; is collaborator in department of surgery of the Journal of Comparative Medicine; was appointed from Chicago, through civil-service examination, June 20, 1899.

ARTHUR C. HART, Assistant Inspector, was born at West Richfield, Summit Co., Ohio, Feb. 3, 1869; attended district and high schools; graduated from Ontario Veterinary College in 1890 with degree of V. S.; engaged in practice for nearly ten years, and in 1899-1900 took post-graduate course at Ohio State University, again receiving degree of V. S.; was appointed from West Richfield, Ohio, through civil-service examination, June 1, 1900, and stationed at Kansas City; transferred to South St. Joseph July 20, 1900.

JOSEPH W. PARKER, Assistant Inspector, was born in Moniteau Co., Mo., Oct. 30, 1867; attended public schools and took teacher's course at Otterville College, Otterville, Mo., receiving degree of B. S.; taught school eight terms, and was engaged in newspaper work four years; was appointed from Green Ridge, Mo., as clerk in the quarantine service at Kansas City, May 1, 1897; attended Kansas City Veterinary College and graduated in 1900 with degree of D. V. S.; was promoted to assistant inspector, after passing examination, June 12, 1900; transferred to present station Sept. 10, 1900.

CHARLES JAMES MORROW, Assistant Inspector, was born at Tiro, Crawford Co., Ohio, May 18, 1878; attended common and high schools in that State, also college of veterinary medicine of Ohio State University, graduating in 1900 with degree of D. V. M.; received appointment from Ohio, through civil-service examination, Aug. 23, 1900.

WILLIAM E. MOWRER, Clerk, was born in Putnam Co., Mo., May 10, 1868; received education in public schools of Unionville, Mo., and Northern Indiana Normal College, Valparaiso; has had experience in bookkeeping and school teaching; held positions under the Treasury and War Departments, beginning in 1890; was appointed at South St. Joseph from Unionville, Mo., through civil-service examination, April 15, 1898; resigned April 2, 1899; was reinstated May 1, 1900, and stationed at Clarinda, Iowa, in connection with hog cholera experimental work; transferred to present station Oct. 8, 1900.

FRANK A. EWING, Stock Examiner, was born near St. Joseph, Mo., Jan. 21, 1864; attended district school and spent two years at Christian Brothers College, St. Joseph; afterwards engaged in farming and stock raising; was appointed from St. Joseph May 1, 1894, and stationed at Kansas City; transferred to St. Joseph Sept. 16, 1894.

CLAYTON E. MOSS, Stock Examiner, was born at Canandaigua, N. Y., Aug. 28, 1867, and received education in high school and military academy; was appointed from Kansas City, Mo., as tagger at that city, May 1, 1896, through civil-service examination; was transferred to South St. Joseph Dec. 1, 1897, and promoted to stock examiner Sept. 1, 1898.

WILLIAM J. HARDENSTINE, Tagger, was born at Wilkesbarre, Pa., April 21, 1874, received education in common school, and was afterwards employed as clerk in freight station of A. T. & S. F. Railroad at St. Joseph; was appointed at Kansas City May 1, 1896, through civil-service examination, and transferred to present station March 5, 1898.

WALTER D. BENTON, Tagger, was born in Panola Co., Texas, Sept. 1, 1870; attended common schools, also State normal school, from which he received a diploma; previous to appointment was employed as teacher in district schools; was appointed from Carthage, Texas, through civil-service examination, April 15, 1898.

T. BYRON CRACROFT, Tagger, was born Aug. 22, 1870, in Bourbon Co., Kans.; attended common school and high school at Hartford, Kans., and spent two years at Baker University; taught school two years in Coffey Co., Kans., and followed trade of jeweler at Le Roy, Fort Scott and Kansas City, Kans.; received appointment April 15, 1898, through civil-service examination.

MOSES W. GAMES, Tagger, was born at Paola, Miami Co., Kans., March 23, 1873; attended public schools, and afterwards took classical course at Baker University and law course in University of Kansas, receiving degrees of A. B. and LL. B.; in 1891-92 was supervisor of boys' department, and from 1895 to 1897 was teacher, in Kansas D. & D. Institute at Olathe, and in 1894 was principal of Independence school, Douglas Co., Kans.; was appointed from Baldwin, Kans., through civil-service examination, April 15, 1898.

THOMAS REDMOND, Tagger, was born at St. Joseph, Mo., July 6, 1875; attended district school and St. Joseph Business University, graduating in commercial course; devoted several years to stock raising and fruit growing, and was one year with St. Joseph Packing and Transportation Co. as assistant bookkeeper and clerk; received appointment April 25, 1898, through civil-service examination; is at present temporarily stationed at Fremont, Nebr., in sheep inspection work.

WILLIAM YENNER, Tagger, was born in Kosciusko Co., Ind., Jan. 7, 1868, and was appointed from Rosedale, Kans., through civil-service examination, May 20, 1898.

HENRY SINGLETON, Tagger, was born at Humble, Texas, Jan. 3, 1871, and was appointed from that place on May 23, 1898, after civil-service examination.

PAUL P. DRUCKEMILLER, Tagger, was born Oct. 1, 1871, at Salem, Ohio; received common school education and is a printer by trade; was appointed from Kansas City, Mo., through civil-service examination, July 18, 1898.

FREDERICK O. PETTEY, Tagger, was born in Saline Co., Mo., April 6, 1874, and was appointed from Morganville, Kans., through civil-service examination, Jan. 16, 1899.

ROBERT E. GOODIN, Tagger, was born in St. Louis, Mo., Dec. 6, 1877; received common school education; was employed three years as clerk for Ely & Walker Dry Goods Co., St. Louis; served in the Spanish War from May 4 to Oct. 31, 1898, as private in Co. E, 1st Mo. Vol. Inf.; was appointed through civil-service examination Sept. 5, 1899.

WALLACE L. UPTON, Tagger, was born at Clymer, N. Y., July 7, 1861, and received appointment from Loveland, Colo., Oct. 1, 1899, through civil-service examination.

JAMES E. HILL, Tagger, of Missouri, appointed Aug. 22, 1900, through civil-service examination.

#### *Assistant Microscopists.*

Miss Grace Puette, appointed May 28, 1898.

Miss Eunice E. Flynn, appointed June 4, 1898.

Miss Anna M. Jewett, appointed June 4, 1898.

Miss Nellie Walker, appointed June 4, 1898.

Miss Jennie McKillip, appointed Sept. 7, 1898.

(All from Missouri and appointed through civil-service examination.)

#### SOUTH OMAHA, NEBR.

DON C. AYER, Inspector in charge, was born in Vermont on March 30, 1846; served throughout the Civil War from September, 1862, to August, 1865, in the Army of the Potomac, in Co. D, 11th Vt. Regt., a part of the famous Vermont Brigade, 2d Division, 6th Army Corps, which corps saved the city of Washington from capture by Gen. Jubal Early's command in June, 1864; was with Gen. Sheridan at the celebrated battle of Cedar Creek, Va., on Oct. 19,

1864; acquired veterinary education at the American Veterinary College, New York City, receiving degree of D. V. S., and engaged in veterinary practice; was appointed in the Bureau from Omaha, Nebr., August 10, 1893; is the youngest member of the first class Military Order Loyal Legion, Nebraska Commandery.

ARTHUR T. EVERETT, Inspector, was born at Woolhampton, England, Jan. 10, 1862; received education at Bradfield College, Reading, England; in Paris, France, and Hanover, Germany, and at Ontario Veterinary College; before entering the service of the Bureau was a practising veterinarian; was appointed from Hastings, Nebr., Nov. 6, 1893.

ARTHUR B. MORSE, Inspector, was born at Lowell, Mass., June 4, 1862; attended Cambridge (Mass.) high school, Des Moines (Iowa) Medical College, took private course in bacteriology, and went to American Veterinary College, graduating with degree of D. V. S.; practised the veterinary profession thirteen years in Des Moines; was appointed assistant inspector at Chicago, through civil-service examination, Nov. 19, 1894; transferred to Sioux City and placed in charge, March 1, 1895; promoted to inspector May 19, 1895; transferred to Des Moines (in charge) April 15, 1897; to the cattle quarantine force at Kansas City, July 10, 1897; to Clinton, Iowa, in charge, Dec. 27, 1897, and upon suspension of work at Clinton was transferred to South Omaha Dec. 15, 1900.

ARTHUR R. WAKE, Inspector, was born at Wakefield, Kans., March 23, 1873; attended graded school, commercial college at Omaha, and veterinary department of Iowa Agricultural College, graduating from the latter with degree of D. V. M.; also studied at Harvey Medical College, Chicago, while stationed there in the Bureau service; held positions of assistant State veterinarian of Iowa and house surgeon at Iowa Agricultural College; was appointed from Nebraska, through civil-service examination, Nov. 18, 1895, as assistant inspector at Chicago; transferred to Marshalltown, Iowa, April 15, 1898; placed in charge at Keokuk, Iowa, July 1, 1898; returned to Chicago Nov. 11, 1898; placed in charge at Cudahy, Wis., Dec. 1, 1898; promoted to inspector Dec. 21, 1898; transferred to South Omaha Oct. 4, 1900.

DON W. PATTON, Inspector, was born April 9, 1869, in Wisconsin; is a graduate of the veterinary department of Iowa Agricultural College, holding degree of D. V. M.; was appointed from Iowa, as assistant inspector at Kansas City, Oct. 1, 1896, through civil-service examination; transferred to Fremont, Nebr., Oct. 27, 1899, and to South Omaha Nov. 23, 1899; promoted to inspector July 1, 1900.

DEAN G. COOPER, Assistant Inspector, was born at Quasqueton, Buchanan Co., Iowa, March 22, 1870; graduated from veterinary department of Iowa Agricultural College with degree of D. V. M.; taught school prior to entering the Bureau service; was appointed from Quasqueton, through civil-service examination, March 4, 1898.

HENRY JOSEPH HANCOCK, Assistant Inspector, was born in England, July 27, 1851; before appointment in the Bureau was a practising veterinarian, and holds degrees of M. R. C. V. S. and D. V. S.; was appointed from Canfield, Ohio, through civil-service examination, April 8, 1898, and stationed at Hammond, Ind.; was out of the service from June 16, 1900, until Dec. 15, 1900, when he was reinstated at South Omaha.

HOWARD M. BATCHELDER, Assistant Inspector, was born at Harristown, Macon Co., Ill., July 23, 1863; attended common schools and Southern Iowa Normal School, receiving degree of Master of Accounts; was raised on a stock farm and was interested in stock raising for many years; attended Ontario Veterinary College, graduating in 1891 with degree of V. S.; practised the veterinary profession at Springfield, Ill., for over seven years; was appointed to his present position Jan. 2, 1899, through civil-service examination.

BERNARD W. MURPHY, JR., Assistant Inspector was born in Chicago, Ill., Jan. 23, 1877; is a graduate of the high schools of that city, and also of the Chicago

Veterinary College with degree of M. D. C.; for a time was assistant to chair of anatomy in that college; was appointed from Chicago Nov. 11, 1899, through civil-service examination.

HARRY H. DELL, Assistant Inspector, was born at London, Canada, June 13, 1869; attended common school and collegiate institute at Brantford, Canada; studied drawing and designing at Government art school, London, Canada, and Zanerian College, Columbus, Ohio; took course in comparative medicine at McGill University, where he received degree of D. V. S. and was medalist and valedictorian of the class of 1896; in 1892-93 was assistant superintendent of schools at Winchester, Ill.; after graduation practised the veterinary profession at Sullivan, Ill., and Wabash, Ind.; was appointed from the latter place Jan. 25, 1900, through civil-service examination.

WILLIAM R. FLEMING, Assistant Inspector, was born in Brooklyn, N. Y., May 28, 1868; graduated from American Veterinary College in 1894 with degree of D. V. S., and practised the veterinary profession six years; was appointed from Troy, N. Y., March 1, 1900, through civil-service examination, and assigned to duty at Chicago; transferred to South Omaha March 10, 1900.

FRANK E. MURRAY, Assistant Inspector, was born at Greenfield, Ohio, June 20, 1868; was educated in common school and at Ohio State University, receiving degree of D. V. M.; engaged in veterinary practice for eight years previous to entering the service of the Bureau; was appointed from Greenfield, Ohio, through civil-service examination, June 1, 1900.

ROY N. DRAKE, Assistant Inspector, was born at Champaign, Ill., Sept. 2, 1872, and attended common schools; graduated from Ohio Veterinary College with degree of D. V. S. in 1896, and engaged in veterinary practice; during the Spanish War served as farrier and acting regimental veterinarian in Troop H, 1st Ohio Cav.; was appointed from Cincinnati, through civil-service examination, Aug. 23, 1900.

THOMAS WHITE, Assistant Inspector, was born at Philadelphia, Pa., Sept. 14, 1873, and took high school course in that city; worked as machinist for two years; entered veterinary department of University of Pennsylvania and graduated in 1900 with degree of V. M. D.; was appointed Aug. 23, 1900, through civil-service examination.

ARTHUR R. GLAISYER, Assistant Inspector, was born at Hawley, Clay Co., Minn., June 20, 1879; for a time was employed on a stock farm; attended McKillip Veterinary College and veterinary department of Iowa State College, graduating from latter in 1900 with degree of D. V. M.; was appointed from Minnesota, through civil-service examination, Dec. 15, 1900.

PHELPS PAINE, Clerk, was born May 23, 1844; during the Civil War served in the U. S. Army as private, sergeant-major, lieutenant, captain, and assistant adjutant-general; received appointment in the Bureau from Lincoln, Nebr., June 29, 1891; was out of the service from May 15, 1893, until reinstatement June 1, 1897.

CHARLES CONOYER, Clerk, was born in Baldwin Co., Ala., July 31, 1841; received education in Europe, in common and Latin schools and gymnasium, with one year at university; served in the U. S. Army during the Civil War as private in 2nd Mo.; has been engaged principally in mercantile and clerical work, and for ten years was secretary of the board of education at Omaha, Nebr.; received appointment June 15, 1895.

JAY E. WILLIAMS, Clerk, was born in Bates Co., Mo., Nov. 28, 1841; studied law, and before entering the Government service was engaged in newspaper work; was appointed from St. Edward, Nebr., through civil-service examination, March 10, 1898, and stationed at South Omaha; transferred to Fremont, Nebr., Sept. 11, 1900, and back to South Omaha Dec. 6, 1900.

STEPHEN ROBERTS, Stock Examiner, was born in Iowa, Feb. 11, 1846; during the Civil War served in the U. S. Army from 1862 to 1865 as private; was appointed tagger July 1, 1891; was out of the service from May 15, 1893, until Aug. 16, 1897, when he was reinstated; promoted to stock examiner July 25, 1898.

W. K. JACOBS, Stock Examiner, was born at Ickesburg, Perry Co., Pa., July 9, 1860; attended common school and Andersonburg soldiers' orphan school; followed the vocations of barber and farmer, and was a deputy sheriff at the time of entering the Bureau; was appointed from Omaha, as tagger, May 16, 1893, and promoted to stock examiner June 27, 1895.

FRANK JELEN, Stock Examiner, was born in New York City, Dec. 3, 1869, and was educated in common school and commercial college; has a knowledge of the Bohemian and German languages, besides English; before appointment was employed as clerk and stenographer in office; was appointed from Omaha as tagger May 16, 1893, and promoted to present position April 1, 1895.

JAY MERRILL, Stock Examiner, was born at Fairbury, Ill., Nov. 14, 1858; prior to entering the Bureau service was engaged in farming and stock raising; was appointed from Columbus, Nebr., Aug. 1, 1893.

JAMES W. DAVIS, Stock Examiner, was born at Syracuse, N. Y., Nov. 6, 1829; graduated from St. Louis University in 1848; served in the Civil War from June, 1861, in 49th Ill. Regt.; promoted to captain in 1863 and to major in 1865, and served on staff of Gen. John A. Logan; resigned at Vicksburg, Nov. 15, 1865; was appointed by President Lincoln as judge of military court to adjudicate cotton claims; selected by Freedmen's Bureau to defend negroes at first term of criminal court held under Reconstruction Act; received nomination for Congress from Nebraska in 1878; for some years was engaged in the practice of law and in the business of contractor; received appointment in the Bureau from Omaha, Oct. 11, 1893.

JACOB I. PAYNE, Stock Examiner, was born at Milo, Warren Co., Iowa, April 7, 1855, of English and Scotch parentage; removed to Illinois at two years of age, and in 1881 went to Nebraska, where he has since resided excepting one year spent in Iowa; was appointed from Richfield, Nebr., Nov. 6, 1893.

THOMAS J. LOWRY, Stock Examiner, was born in Wales, Nov. 12, 1849, and received education in public schools; entered the Civil War as drummer boy with Co. K, 35th Iowa, but returned home from Memphis on account of sickness; was in service of Union Pacific Railroad continuously for twenty-one years, and in retail grocery business four years; for seven years was a member of Omaha city council; received appointment March 25, 1895.

DEE N. CHASE, Stock Examiner, was born at South Troy, Vt., April 26, 1874; is a graduate of a business college and has also studied law; before taking present position was employed in stock and grain business; was appointed from Omaha as tagger June 27, 1895, and promoted to stock examiner July 15, 1898.

REUBEN FORBES, Tagger, was born in Pennsylvania, Aug. 1, 1838; served in the U. S. Army in the Civil War as first sergeant; was appointed from Omaha July 1, 1891, and continued in the service until May 31, 1893; was reinstated Aug. 1, 1897.

ELIAS GILMORE, Tagger, was born in Washington Co., Pa., March 6, 1844, and received common school education, with short term in college; served in the Civil War three years from Aug. 27, 1861, as private in Co. G, 100th Pa. Vol. Inf.; was ten years in general merchandise business, and for fifteen years was engaged as butcher, first in Monongahela City, Pa., and later in Omaha, Nebr.; was appointed in the Bureau July 1, 1891, and served until June 15, 1893; reinstated Feb. 10, 1898.

JAMES CONDON, Tagger, was born at Mitchellstown, County Cork, Ireland, Nov. 17, 1840; followed the sea from an early age until 1876, and was a seaman in the

U. S. Navy during the Civil War; has since been engaged in railroading and farming; was appointed from Diller, Nebr., July 15, 1891, and served until May 15, 1893; was reinstated Aug. 4, 1897.

GEORGE H. SCHROEDER, Tagger, was born in New York City, Aug. 11, 1845; served in the Civil War as private in Co. H, 151st Ill. Inf.; received appointment in the Bureau from Beatrice, Nebr., Nov. 1, 1891; was out of the service from May 31, 1893, until Aug. 1, 1898, when he was reinstated.

T. J. ALEXANDER, Tagger, was born at Shirleysburg, Pa., Dec. 5, 1843; left school in 1862 to enlist in the army; served three years in 16th Pa. Cav., and was discharged in 1865 as first sergeant; taught district school from 1866 to 1872, and engaged in farming and later in mercantile business; was first appointed in the Bureau service from Auburn, Nebr., April 1, 1892, and served until May 15, 1893; was reinstated August 1, 1897.

JOHN B. PAYTON, Tagger, was born in Park Co., Ind., Dec. 12, 1842; served in the Civil War as private in Co. H, 2nd Ill. Cav., and captain of Co. C, 53rd U. S. Inf.; was appointed in the Bureau from South Omaha July 11, 1892; was out of the service from May 31, 1893, until Aug. 16, 1897, when he was reinstated.

HARRY A. SHATZELL, Tagger, was born at Troy, N. Y., Jan. 1, 1844; served as private in Co. A, 1st Vt. Cav., from 1861 to 1865; was taken prisoner at battle of the Wilderness, and during eight and a half months imprisonment his weight decreased from 186 to 80 pounds; was appointed from Lincoln, Nebr., July 11, 1892; was out of the service from May 30, 1893, until reinstatement Aug. 4, 1897.

JOHN T. BLAIR, Tagger, was born in Morgan Co., Ind., Aug. 31, 1842, and received common school and academic education; served in the Civil War as private in Co. D, 13th Iowa Vol. Inf.; first received appointment in the Bureau Sept. 21, 1892, from Omaha; was out of the service for a time, and was reinstated Jan. 3, 1898, at Lincoln; transferred to South Omaha Feb. 28, 1898.

JAMES T. ROBERTSON, Tagger, was born in Morrow Co., Ohio, Oct. 4, 1841; served as private soldier in Co. C, 19th Iowa Vol. Inf., from 1862 to 1865; received appointment in the Bureau Dec. 23, 1892, from South Omaha, and served until May 15, 1893; was reinstated Nov. 1, 1897.

W. W. CRANDELL, Tagger, was born in Chautauqua Co., N. Y., Aug. 31, 1834, and received common school education; served in the Civil War as sergeant in Co. G, 8th Mo. Vols., and as captain of Co. F, 77th Ill. Vols.; has been engaged in farming and as contractor and builder; was appointed from Auburn, Nebr., Jan. 16, 1893, but served only four months; was reinstated June 1, 1897.

JACOB BURKARD, Tagger, was born March 15, 1853, in Germany; attended elementary and Latin schools at Wuerzburg, Bavaria; previous to appointment was employed in truck shop of Union Pacific Railroad at Omaha; received appointment May 16, 1893.

ANTON KOSTAL, Tagger, was born in Bohemia, Sept. 24, 1864; came to the United States at an early age, and attended public schools at Iowa City, Iowa; afterwards engaged in farming and mercantile business; was appointed from South Omaha May 16, 1893.

PHILIP SMITH, Tagger, was born in England, June 3, 1861, and was appointed from Omaha May 22, 1893.

THOMAS LEDDY, Tagger, was born at Bridgeport, Conn., Dec. 25, 1865, and attended common school; before appointment was a boiler-maker in employ of the Union Pacific Railroad; was appointed June 1, 1893, from Omaha, and served until Dec. 8, 1894; was reinstated Feb. 16, 1895.

R. M. MAHANA, Tagger, was born at Waynesburg, Pa., May 1, 1840, and received education in public schools; during the Civil War was a sergeant in Co.



A, 1st Colo. Vol. Cav.; in 1885 was appointed in the mail service at Beatrice, Nebr.; for a time was engaged in mercantile business; received appointment June 1, 1893, from Beatrice.

LAWRENCE SCHIBSBY, Tagger, was born in Denmark, April 3, 1838, and was appointed from Omaha Nov. 6, 1893.

SAMUEL I. VALENTINE, Tagger, was born at Smithtown, Frederick Co., Md., Sept. 25, 1853, and received high school education; began teaching school at seventeen years of age; was engaged in office and mercantile work for twenty years; received appointment Oct. 15, 1894, from Omaha.

JOHN McCANN, Tagger, was born Nov. 16, 1858, at Washington, Iowa, and was educated in public schools; was a grading contractor before entering the Bureau service; received appointment from South Omaha June 27, 1895.

CHRIS. M. RAFF, Tagger, is a native of Pennsylvania, and was appointed from South Omaha, through civil-service examination, March 9, 1898.

HENRY C. WILLIAMS, Tagger, was born in Andrew Co., Mo., July 18, 1871; received education at Northwestern Normal College, Shenandoah, Iowa, and Missouri State University; edited a newspaper previous to appointment in the Bureau; was appointed from Fillmore, Mo., April 1, 1898, through civil-service examination.

CECIL K. SCHAFER, Tagger, was born at Pontiac, Livingston Co., Ill., Nov. 5, 1874, and received common school education; removed to Iowa in 1881; had charge of a farm from the time he was fourteen years old; began teaching school at eighteen and continued until appointment in the Bureau; was appointed from Denison, Iowa, through civil-service examination, April 11, 1898, and stationed at New Brighton, Minn.; transferred to Kansas City Aug. 1, 1898, and to South Omaha Aug. 21, 1899.

ALFRED J. SMITH, Tagger, was born at Chicago, Ill., April 28, 1870; received appointment at Marshalltown, Iowa, from Omaha, Nebr., April 15, 1898, through civil-service examination; was transferred to Nebraska City Aug. 5, 1898, and to South Omaha a few weeks later.

EDWARD A. BRNDY, Tagger, was born at Oxford, Chenango Co., N. Y., Nov. 29, 1861, and received education in district schools and academy; was appointed from Omaha, Nebr., through civil-service examination, July 18, 1898.

IRA F. KNEE, Tagger, was born at Colesburg, Delaware Co., Iowa, Jan. 10, 1863, and is descended from Pennsylvania Germans and New England Puritans; received education in public schools and by private study; previous to entering the service of the Bureau was engaged in teaching in the public schools; received appointment from Osterdock, Iowa, through civil-service examination, July 18, 1898.

SAMUEL A. RISLEY, Tagger, was born in Indiana, Aug. 5, 1867, and received appointment Oct. 1, 1898, from South Omaha, through civil-service examination.

JOSEPH G. BEATTIE, Tagger, was born in Richmond, Va., June 1, 1869, and received high school and academic education; has been employed as clerk and bookkeeper; was appointed from Omaha, through civil-service examination, Dec. 1, 1898.

CHARLES E. CAMPBELL, Tagger, was born at Paris, Oneida Co., N. Y., Feb. 1, 1847, and was educated in public school and academy; has been engaged in farming, cheese and butter making, and stock raising; was appointed from Valley, Nebr., Dec. 1, 1898, through civil-service examination.

MORRIS T. HASCALL, Tagger, was born at Rome, Ind., July 10, 1863, and received education in the public schools; prior to entering the Government service was engaged in clerical work; was appointed from Omaha, Nebr., through civil-service examination, Dec. 1, 1898.

ORLANDO W. HELVEY, Tagger, was born July 4, 1860, in Jefferson Co., Nebr.; attended graded school at Fairbury, Nebr., and lived a pioneer life surrounded by Indians and wild game; previous to appointment was employed in buying and shipping live stock to market; was appointed from Milligan, Nebr., Dec. 1, 1898 through civil-service examination.

ISAAH RICHARDS, Tagger, was born in Ringgold Co., Iowa; received appointment from Omaha, through civil-service examination, Dec. 1, 1898.

FLOYD W. SCHATZELL, Tagger, was born at Marshall, Mich., Sept. 2, 1877, and was appointed from Lincoln, Nebr., through civil-service examination, Jan. 2, 1899.

ARTHUR E. MILLER, Tagger, was born at Troy, Davis Co., Iowa, July 13, 1872, and was reared on a farm; received education in common and high schools; followed the printing business from nineteen years of age until appointment in the Bureau; was appointed from Sidney, Iowa, through civil-service examination, May 10, 1899.

#### *Assistant Microscopists.*

Mrs. Louise E. Wilson,	Appointed	Jan 25, 1892, <i>a.</i>
Miss Lizzie Spencer,	"	July 22, 1892, <i>a.</i>
Miss Helen S. Wainwright,	"	July 25, 1892, <i>a.</i>
Miss Louise Breton,	"	Nov. 25, 1892, <i>a.</i>
Miss Fannie Sage,	"	Dec. 1, 1892, <i>a.</i>
Miss Lulu E. Gibson,	"	Dec. 20, 1892.
Mrs. Ida E. Bushnell,	"	May 8, 1893.
Miss Mary K. Giblein,	"	June 9, 1893.
Miss Margaret Hogan,	"	June 9, 1893.
Miss Etta Kassall,	"	June 9, 1893.
Miss Cora A. Sayre,	"	Dec. 29, 1894.
Mrs. Sarah H. Y. Barber,	"	Aug. 16, 1897, <i>c. s.</i>
Miss Mary Gertrude Bothwell,	"	Dec. 17, 1897, <i>c. s.</i>
Miss Stella Huestis,	"	Dec. 17, 1897, <i>c. s.</i>
Miss Mary A. Atwood,	"	Jan. 22, 1898, <i>c. s.</i>
Miss Maud B. Beck,	"	Feb. 5, 1898, <i>c. s.</i>
Miss Mary H. Milton,	"	Feb. 5, 1898, <i>c. s.</i>
Miss Janet Stevenson,	"	Feb. 5, 1898, <i>c. s.</i>
Miss Mollie A. Conoyer,	"	May 25, 1898, <i>c. s.</i>
Miss Ethellena M. Fansher,	"	May 25, 1898, <i>c. s.</i>
Miss Daisy C. Maus,	"	Sept. 20, 1898, <i>c. s.</i>

(All from Nebraska; those marked *c. s.* appointed through civil-service examination, and those marked *a* afterwards reentered the service through civil-service examination.)

JOSEPH O. EASTMAN, Laborer, was born Sept. 11, 1845, in Belknap Co., N. H.; served three years in the Civil War in Co. I, 93rd Ill. Vol. Inf.; was first employed in the Bureau at South Omaha during April and May, 1893; was again employed in July and August, 1897, and regularly appointed Nov. 10, 1897.

EMMA PRILL, Laborer, appointed Dec. 1, 1900.

#### NEBRASKA CITY, NEBR.

WILLIAM HENRY GIBBS, Inspector in charge, was born at Livonia, N. Y., in 1847; received education in common schools and Genesee Wesleyan Seminary, and later attended Kansas City Veterinary College; was engaged in constant veterinary practice for nineteen years previous to appointment in the Bureau; was appointed from Nebraska City, March 27, 1893, as assistant inspector on cattle quaran-

tine force at Kansas City; transferred to meat-inspection service at Kansas City and designation changed to inspector, Sept. 1, 1893; was placed in charge at Nebraska City March 1, 1895; is at present temporarily stationed at South Omaha during suspension of work at Nebraska City.

FREDERICK A. DAMMANN, Tagger, was born June 16, 1837, in Germany, and was educated in the schools of that country, completing the course required for admission to the university; served in the United States Army in the Civil War from June, 1861, and in 1863 was commissioned second lieutenant of infantry; received appointment at Nebraska City June 10, 1895; was transferred to Cedar Rapids, Iowa, June 15, 1896, and back to Nebraska City Oct. 12, 1897.

#### LINCOLN, NEBR.

SAMUEL E. COSFORD, Inspector in charge, was born at Hollin, Ontario, Canada Jan. 11, 1868; graduated from Ontario Veterinary College in 1887 with degree of V. S., and engaged in veterinary practice; was appointed from Lincoln, through civil-service examination, Dec. 10, 1895, as assistant inspector at South Omaha; placed in charge at Lincoln Jan. 6, 1899, and promoted to inspector May 1, 1900.

RUSSELL G. MERRILL, Tagger, was born in Fulton Co., Ohio, Jan. 12, 1846, and attended common schools; served in the Civil War as private in Co. H, 130th Ohio; has been engaged in general merchandising, farming, and retail lumber business; was appointed from Lincoln, June 10, 1898, through civil-service examination, and stationed at South Omaha; transferred to Lincoln Dec. 8, 1898.

#### LEAVENWORTH, KANS.

ELWIN T. DAVISON, Inspector in charge, was born at Buffalo Fork, Kossuth Co., Iowa, March 8, 1872; attended common school at that place and high school at Central City, Iowa; taught school for several years; went to veterinary department of Iowa State College of Agriculture and took degree of D. V. M.; practised veterinary medicine at Boone, Iowa, about one year previous to appointment; was appointed March 1, 1897, through civil-service examination, as assistant inspector at National Stock Yards, Ill.; transferred to Leavenworth and placed in charge Feb. 21, 1900, and promoted to inspector July 1, 1900.

EDWARD L. WELLS, Tagger, was born at Rea, Mo., Dec. 14, 1872; from 1893 to 1898 was deputy assessor of Andrew Co., Mo., resigning to enter military service at opening of Spanish War; enlisted in April, 1898, in Co. E, 4th Mo. Vol. Inf., and was transferred in September to U. S. Vol. Signal Service; discharged for disability March 6, 1899; was appointed in the Bureau from Oakley, Kans., July 1, 1900, through civil-service examination.

#### WICHITA, KANS.

W. C. BARTH, Inspector in charge, was born at Leavenworth, Kans., May 2, 1869; attended public and high schools at that place; was employed as drug clerk for a time; went to Ontario Veterinary College, Toronto, and graduated with degree of V. S.; engaged in private practice; was appointed Sept. 15, 1893, and stationed at Kansas City; transferred to Wichita and placed in charge April 15, 1897.

THOMAS W. OSHEL, Stock Examiner, was born at Stafford, Monroe Co., Ohio, Feb. 17, 1841, and was educated in common and high schools; during the Civil War served as sergeant in Co. I, 176th Ohio Vol. Inf.; taught school four years, then engaged in farming and stock raising; was census enumerator in 1880 and 1890; received appointment July 11, 1890, from Olathe, Kans., stationed at East St. Louis; was out of the service from May 31, 1893, until July 1, 1897, when he was reinstated at Wichita.

## SEATTLE, WASH.

FRANK T. SHANNON, Inspector in charge, was born at Morristown, Tenn., Dec. 19, 1869; was educated at E. Deichman's gymnasium, Baltimore, and college department and veterinary department of University of Pennsylvania, receiving degree of V. M. D.; practised one year at Nashville, Tenn., and Lexington, Ky.; was appointed assistant inspector at Chicago, July 15, 1895, through civil-service examination; transferred to Cleveland Jan. 6, 1896; to Cudahy (in charge) April 10, 1896; also placed in charge at Milwaukee July 28, 1896; transferred to cattle quarantine and Mexican inspection force Feb. 16, 1897, being detailed for duty at Fort Worth, Texas, and different points on Mexican border; to Los Angeles (in charge) July 9, 1898; promoted inspector Sept. 1, 1898; transferred to Pathological Division at Washington Jan. 1, 1900; placed in charge at Seattle May 26, 1900.

JOHN J. BORDEN, Stock Examiner, was born at Flushing, Long Island, N. Y., Jan. 1, 1865; received education in public school and business college in California; has engaged in ranching, butchering, and grocery and provision business; was appointed from San Francisco, through civil-service examination, and stationed at that city, March 2, 1896; transferred to Seattle April 24, 1900.

## TACOMA, WASH.

ORLANDO B. HESS, Inspector in charge, was born at Benton, Columbia Co., Pa., July 23, 1860; received elementary education in grammar school and by private instruction, and professional education at National Veterinary College, from which he graduated with degree of D. V. S.; practised veterinary medicine a short time, and studied medicine at Columbian University; was appointed March 20, 1895, from Benton, Pa., as assistant inspector at Chicago, through civil-service examination; placed in charge at South St. Paul, Minn., Sept. 9, 1895, and at Los Angeles July 1, 1896, being promoted to inspector at same time; transferred to Linnton, Ore., (in charge) Aug. 1, 1898, and to New York Dec. 1, 1899; placed in charge at Chicopee, Mass., March 30, 1900, and at Tacoma May 26, 1900.

CHARLES H. SCHULTZ, Tagger, was born in Berne, Switzerland, March 24, 1865; is a graduate of agricultural school at Rutte near Berne; came to the United States in 1886; studied at veterinary college at Berne in 1891-92; has resided on Pacific Coast since 1893, mostly near Marshfield, Ore., and was interested in a creamery company and practised veterinary medicine there; was appointed from San Francisco, through civil-service examination, July 5, 1900.

## PORTLAND, OREGON.

ERNEST N. HUTCHINSON, Inspector in charge, was born at Milford, N. H., July 21, 1864; was educated at Cushing academy, Ashburnham, Mass., and Chicago Veterinary College; previous to entering the Bureau service was a practising veterinarian at Jackson, Tenn.; received appointment Feb. 10, 1897, through civil-service examination, as assistant inspector at San Francisco; was placed in charge at Portland May 20, 1897, and promoted to inspector May 1, 1900.

HOWARD D. EBEL, Tagger, was born at Whitehall, Green Co., Ill., Aug. 1, 1874; attended grammar and high schools at Los Angeles, Cal., graduating from latter in 1895; was employed in newspaper work at Los Angeles, and in teaching in public schools of that county; received appointment at San Francisco through civil-service examination Feb. 15, 1896; was transferred to Portland June 15, 1897, and for short periods to Tacoma and Seattle in the spring of 1900, returning to Portland.

WILLIAM R. SUTTER, Tagger, was born at Port Madison, Wash., Sept. 6, 1878, and most of his youth was spent on a farm; took a course at business college in

Seattle; in 1898 was appointed weigher in the railway mail service; received appointment in the Bureau from Port Blakeley, Wash., through civil-service examination, June 1, 1899.

GEORGE J. COLEMAN, Laborer, was born at North Freedom, Armstrong Co., Pa., July 27, 1854, and was reared on a farm; graduated from Millville, and followed teaching in public schools; in 1883 entered the ministry of the Evangelical church, and in 1887 completed four years course in theology and was ordained Elder; at request of board of missions came to Oregon in 1892; retired from the ministry in 1898 and was granted credentials from conference; received appointment Dec. 1, 1898, from Troutdale, Ore.

#### SAN FRANCISCO, CAL.

GEORGE S. BAKER, Inspector in charge, was born at Dunham, Province of Quebec, Canada, Nov. 18, 1860, and was reared on a stock farm; attended common schools, academy, and McGill University at Montreal, receiving from the latter the degree of Associate of Arts; took course at Montreal Veterinary College and received degree of V. S.; engaged in veterinary practice for four years, principally in a dairy district; on Nov. 5, 1891, was appointed from Chicago as inspector in the Bureau service at that city, and on Oct. 25, 1895, was transferred to and placed in charge at San Francisco.

JOHN ELLSWORTH MUNN, Stock Examiner, was born in Boston, Mass., Dec. 12, 1864, and attended public schools; previous to appointment was engaged in retail butcher business in San Francisco; received appointment as tagger at San Francisco, through civil-service examination, Dec. 2, 1895, and was promoted to stock examiner Jan. 1, 1897; transferred to Tacoma May 5, 1900, and back to San Francisco June 30, 1900.

AMBROSE MCSWEENEY, Stock Examiner, was born at San Francisco, Dec. 20, 1870, and received education in the public schools; for a time was engaged in the live-stock business, and in 1894 was appointed clerk in postoffice at San Francisco; received appointment in the Bureau Feb. 15, 1896, through civil-service examination.

JOHN F. NELSON, Stock Examiner, was born at Los Angeles, Cal., May 19, 1872, and attended public schools of Los Angeles Co.; lived on dairy farm until nineteen years old, then followed meat business until appointment in the Bureau; was appointed from Los Angeles through civil-service examination, and stationed at San Francisco, Feb. 15, 1896; transferred to Los Angeles Oct. 15, 1900, and back to San Francisco Nov. 21, 1900.

JOHN H. WEBSTER, Tagger, was born at San Francisco, June 5, 1870, and was appointed from that city, through civil-service examination, March 2, 1896.

#### LOS ANGELES, CAL.

CHARLES KEANE, Inspector in charge, was born at San Francisco, Cal., April 22, 1874; is a graduate of the veterinary department of the University of California, holding degree of D. V. S.; was appointed from San Francisco, through civil-service examination, Dec. 1, 1897, as assistant inspector, and stationed at South St. Paul, Minn.; placed in charge at New Brighton, Minn., March 9, 1898; transferred to South Omaha Oct. 26, 1898; to Lincoln (in charge) Dec. 1, 1898, to Indianapolis March 9, 1899, and to Los Angeles (in charge) Jan. 15, 1900, promoted to inspector July 16, 1900.

ARTHUR J. O'ROURKE, Stock Examiner, was born at San Francisco, Cal., Oct. 31, 1868, and was educated in city schools; for a number of years was engaged in stock business; was appointed from San Francisco, through civil-service examination, Nov. 10, 1896.

WILLIAM R. DENNIS, Stock Examiner, was born in Michigan, Aug. 16, 1867; attended Hillsdale College, Hillsdale City, Mich.; prior to appointment was employed in teaching in public schools; was appointed from Malad City, Idaho, Nov. 11, 1896, through civil-service examination.

MARTIN P. NOLTE, Tagger, was born at Los Angeles, Nov. 10, 1875, and received education in grammar and high schools of that city; was appointed from Los Angeles July 1, 1896, through civil-service examination.

ELWIN E. STEPHENS, Tagger, was born in Cincinnati, Ohio, Aug. 19, 1843; received appointment at San Francisco from Los Angeles, through civil-service examination, Dec. 9, 1896; was transferred to Los Angeles Dec. 22, 1897.

## TEXAS FEVER QUARANTINE, MEXICAN FRONTIER, AND SHEEP INSPECTION.

### HEADQUARTERS AT KANSAS CITY, KANS.

ALBERT DEAN, Live Stock Agent in charge, was born in Greene Co., Ohio, Dec. 27, 1840, and received only a common school education; enlisted in June, 1861, at St. Louis, in Co. B, 9th Mo. Vol. Inf.; transferred in April, 1862, to U. S. steam ram fleet on the Mississippi River; promoted to second lieutenant in Marine Volunteers (Mississippi River) in January, 1863, and to captain in March, 1865; discharged in April, 1865; for seventeen years was engaged in ranching and cattle raising in southern Kansas and Indian Territory, and for three years held the position of cattle inspector for the State of Kansas; was appointed in the Bureau from Kansas City, Mo., April 1, 1896.

THOMAS A. BRAY, Inspector, was born in London, England, Jan. 4, 1858; attended boarding schools in India; has also studied at Royal College of Veterinary Surgeons at London, England, Ontario Veterinary College, New York Veterinary College, Chicago Veterinary College, Kansas City Veterinary College (receiving degree of D. V. S.), College of Physicians and Surgeons at New York, Kansas City Medical College, and University Medical College of Kansas City; lectured at Kansas City Veterinary College; was a practising veterinarian for about fifteen years before appointment; was appointed from Kansas City, Mo., in the meat-inspection service at that city, Nov. 20, 1893, and transferred to quarantine force April 10, 1897; is stationed at El Paso, Texas, inspecting Mexican live stock for importation.

HARRY B. ADAIR, Inspector, was born near Shawhan, Bourbon Co., Ky., March 9, 1855; graduated from commercial college department of Kentucky University with degree of Master of Commerce, 1875, and from Ontario Veterinary College in 1883 with degree of V. S.; from 1883 to 1896 practised as a veterinarian at Kansas City, Mo.; from 1889 to 1896 was deputy State veterinarian of Missouri, and from 1893 to 1896 veterinarian to city board of health of Kansas City; received appointment in the Bureau Oct. 1, 1896, through civil-service examination, as assistant inspector at Milwaukee; transferred to Mexican inspection service and stationed at Nogales, Ariz., Feb. 11, 1897; to meat-inspection service at Kansas City Jan. 13, 1898; promoted to inspector July 1, 1900; detailed for sheep inspection in Utah July 14, 1900; transferred Nov. 29, 1900, to quarantine force at Kansas City, where he is in charge of sheep inspection at stock yards.

HARRY D. PANSON, Inspector, was born at West Chester, Pa., Sept. 24, 1872; was educated in public schools of that place and in veterinary department of University of Pennsylvania, graduating in 1893 with degree of V. M. D.; practised veterinary medicine at Philadelphia, Pa., Jerseyville, Ill., and Wilmington, Del.; was appointed assistant inspector at Chicago Jan. 4, 1897, through civil-service examination; transferred to quarantine service Aug. 8, 1899, and promoted to inspector Sept. 15, 1900; stationed at Fort Worth, Texas, in charge of stock yards inspection.

PETER I. KFRSHNER, Inspector, was born in Berks Co., Pa., Jan. 15, 1870; was educated in common schools in Pennsylvania, business college in Ohio, and Ontario Veterinary College, receiving from the latter the degree of V. S. in 1891; practised veterinary medicine from graduation until appointment; was appointed from Fleetwood, Pa., Jan. 26, 1897, as assistant inspector in the quarantine service at Kansas City; transferred to the meat-inspection force at that city March 10, 1898, and back to the quarantine service June 15, 1900; promoted to inspector Sept. 15, 1900; is now located at Topeka, Kans., inspecting sheep for interstate traffic and supervising car cleaning.

LESLIE J. ALIEN, Inspector, was born at Colo, Iowa, Nov. 8, 1870; received common school education in district schools of Kansas and Missouri, and also attended Kansas State Agricultural College; engaged in farming and stock raising in Kansas; took veterinary course at Ontario Veterinary College, receiving degree of V. S., after which he practised the veterinary profession at Lee's Summit, Mo.; was appointed Feb. 10, 1897, through civil-service examination, as assistant inspector in the meat-inspection service at Kansas City, and at the end of that year was transferred to the quarantine division; promoted to grade of inspector July 1, 1900; is now stationed at El Reno, Okla., supervising southern cattle transportation.

THOMAS CASTOR, Inspector, was born at Frankford, Philadelphia, Pa., Aug. 19, 1873; attended Philadelphia public schools and manual training school, also veterinary department of University of Pennsylvania, receiving degree of V. M. D.; engaged in veterinary practice three years in Philadelphia; was appointed assistant inspector at Buffalo, through civil-service examination, April 1, 1897; transferred to Indianapolis Jan. 22, 1898; granted military leave July 11, 1898, and served in Spanish War as first-class private in Battalion of Engineers; was reinstated at Indianapolis Nov. 1, 1898; transferred to Buffalo and back to Indianapolis, and on June 19, 1900, to the quarantine service; promoted to inspector Dec. 1, 1900; is stationed at Las Vegas, N. Mex., inspecting sheep for interstate traffic.

ARTHUR M. RORK, Assistant Inspector, was born at Franksville, Racine Co., Wis., Jan. 9, 1871; was educated in the common schools of Wisconsin and the Chicago Veterinary College, graduating from the latter with degree of M. D. C.; spent five years in veterinary practice; was appointed Feb. 1, 1898, from Green Bay, Wis., through civil-service examination, and stationed at Milwaukee; transferred to Nashville, Tenn., Jan. 11, 1899, and to the quarantine service Oct. 1, 1899; is located at Trinidad, Colo., engaged in inspection of sheep for interstate shipment.

RICHARD J. BLANCHE, Assistant Inspector, was born at Chicago, Ill., July 21, 1872; is a graduate of Iowa State College (veterinary department) with degree of D. V. M.; also studied at the University of Georgia; engaged in veterinary practice at Conrad, Iowa, and was prescription clerk at Fort Dodge, Iowa, being a registered pharmacist by examination under Iowa laws; was appointed Feb. 23, 1898, in meat-inspection service at Kansas City, by civil-service examination, and a year later was transferred to cattle quarantine division and is now stationed at Arkansas City, Kans., supervising transportation of southern cattle.

MURRAY J. MYERS, Assistant Inspector, was born in Louisville, Ohio, Feb. 19, 1872; was educated in public and high schools of that place, and in Ohio State University, where he received degree of V. S.; practised veterinary medicine ten months, from graduation until appointment; was appointed from Louisville, Ohio, on the meat-inspection force at St. Louis, April 1, 1898, through civil-service examination, and transferred to quarantine and Mexican service June 15, 1900; is now stationed at San Antonio, Texas, and engaged in inspection of Mexican live stock for importation.

HOWARD M. BURGESS, Assistant Inspector, was born at Fall River, Mass., June 30, 1877; is a graduate of high school and veterinary college of Harvard University with degree of M. D. V.; practised veterinary medicine one year; was

appointed from Mansfield, Mass., in the meat-inspection service at South St. Joseph, Mo., April 8, 1898, after civil-service examination; transferred to Louisville Dec. 20, 1898, and to the quarantine service Feb. 22, 1900; is stationed at Parsons, Kans., supervising southern cattle transportation.

MONROE B. MILLER, Assistant Inspector, was born at White Oak, Lancaster Co., Pa., Dec. 21, 1864, of Pennsylvania German parentage; attended common schools of Lancaster Co. and normal schools at Manheim and West Chester, Pa.; taught school in Pennsylvania from 1884 to 1889; then entered New York Veterinary College, graduating in 1891 with degree of V. S.; practised in Ohio and Pennsylvania five years; in 1896 was appointed assistant veterinarian to New York veterinary hospital; on Oct. 1, 1898, was appointed by the War Department as veterinarian; received appointment in the meat-inspection service of the Bureau at Kansas City, through civil-service examination, Feb. 1, 1899, and was transferred to the quarantine force June 15, 1900; is stationed at Pueblo, Colo., inspecting sheep for interstate traffic.

WILLIAM G. SHAW, Assistant Inspector, was born at Princeton, Lawrence Co., Pa., Sept. 15, 1870; attended Volant College, Slippery Rock State normal school, and Grove City College, all in Pennsylvania; taught school three years; then went to veterinary department of University of Pennsylvania and graduated in 1897 with degree of V. M. D.; for the following year was resident surgeon to veterinary hospital of University of Pennsylvania, and in 1898-99 an assistant to the State veterinarian of Pennsylvania; was appointed in the Bureau at Cincinnati Feb. 8, 1899, through civil-service examination; transferred to quarantine service Feb. 5, 1900; stationed at Benson, Ariz., inspecting Mexican live stock for importation.

RAYMOND JOHNSON, Assistant Inspector, was born at Richland, Keokuk Co., Iowa, May 20, 1875; attended Cornell College at Mt. Vernon, Iowa, taking a course in civil engineering; then went to the veterinary department of the Iowa Agricultural College at Ames and graduated with degree of D. V. M.; taught school, engaged in shipping stock, and later practised veterinary medicine and surgery at Hedrick, Iowa; was appointed in the meat-inspection service of the Bureau at Kansas City, from Richland, Iowa, Aug. 1, 1899, through civil-service examination, and on Aug. 23, 1900, was transferred to the quarantine division, and is now located at Trinidad, Colo., engaged in sheep inspection.

CHARLES E. STEEL, Assistant Inspector, was born at North Topeka, Kans., May 30, 1873; professional education was acquired at Ontario Veterinary College (one term) and Kansas City Veterinary College (two terms), receiving from the latter the degree of D. V. S.; was appointed at South St. Joseph, Mo., from Topeka, Kans., Aug. 1, 1899, through civil-service examination; transferred to quarantine force Sept. 15, 1900; stationed at Las Animas, Colo., inspecting sheep for interstate shipment.

LOUIS METSKER, Assistant Inspector, was born in Shelby Co., Ill., June 19, 1869; received education in common and high schools, normal college, and Chicago Veterinary College, graduating from the latter with degree of M. D. C.; was appointed on the meat-inspection force at Kansas City, from Chicago, Sept. 1, 1899, through civil-service examination; transferred to Mr. Dean's force Aug. 23, 1900; is stationed at Flagstaff, Ariz., and engaged in inspection of sheep.

JOSEPH BRUSER, Live Stock Agent, was born in the town of Hunsborn, Westphalia, Germany, Nov. 26, 1841; was educated in the public schools; has resided in the United States for thirty-five years past; previous to entering the Bureau service was engaged in raising, buying and shipping cattle, hogs and sheep; was appointed from Kansas City, Mo., Dec. 15, 1890, and is engaged in stock yards inspection at Kansas City.

WILLIAM D. JORDEN, Live Stock Agent, was born at Quanah, Texas, Jan. 18, 1857; received education in the public schools of Chicago; was engaged in the cattle business in the Indian Territory and Texas from 1877 to 1891; was ap-



pointed from Kansas City, Kans., April 20, 1891, and is stationed at Quanah, Texas, inspecting live stock for interstate shipment.

B. L. STINE, Special Live Stock Agent, was born in Juniata Co., Pa., Feb. 29, 1849; parents were known as Pennsylvania Dutch; received common school education; served in the Civil War as private in Co. F, 16th Pa. Cav.; resided in Pennsylvania until 1872, and since that time at Rosedale, Kans.; was a member of Kansas Legislature from 1881 to 1887; received appointment in the Texas fever inspection work of the Bureau April 1, 1892, and served until April 20, 1893; was reinstated as stock examiner in meat-inspection service at Kansas City Aug. 1, 1897; transferred to quarantine service Feb. 1, 1898; promoted to car inspector March 1, 1900, and to present position July 1, 1900; stationed at Kansas City.

WILLIAM E. HILL, Live Stock Agent, was born in Chautauqua Co., N. Y., Dec. 5, 1829, and received a common school education; for many years was engaged in grain and lumber business in Nebraska City, Nebr.; received appointment June 1, 1893, and is stationed at San Diego, Cal., inspecting Mexican live stock for importation.

DAN McCUNNINGHAM, Live Stock Agent, was born in Ireland, Feb. 27, 1847, and received education in public and private schools; removed from Pennsylvania to Texas in 1870 and has resided in latter State thirty years; engaged in farming and stock raising in Williamson Co.; married Miss Mary C. Lawrence in 1877; was a member of executive committee of Farmers' State Alliance in 1888-89, and of the county commissioners' court in 1890-91; in 1891 was elected to represent his county in the State Legislature and served in regular and called sessions; in 1893 was appointed deputy and lecturer for State Grange; was appointed in the Bureau from Taylor, Texas, July 1, 1893, and is located at Coffeyville, Kans., supervising transportation of southern cattle.

GEORGE C. MOSER, Live Stock Agent, was born at Lewiston, Mifflin Co., Pa., Nov. 7, 1867; received education in public schools at Wichita, Kans., and Kansas Wesleyan University at Salina; before entering the service of the Bureau was engaged in raising and handling horses and cattle in Dickinson Co., Kans.; was appointed Oct. 16, 1893, and is stationed at Kansas City, Kans., supervising transportation of southern cattle.

LAOMER WEST, Clerk, was born in La Salle Co., Ill., May 30, 1853; was appointed from Fresno, Cal., as clerk at San Francisco, June 1, 1896, through civil-service examination; resigned Nov. 30, 1899; was reinstated on the quarantine force at Kansas City Aug. 15, 1900.

HARRY L. McDONALD, Stock Examiner, was born at Chillicothe, Mo., July 10, 1870; attended public schools of that place and Kansas City, Mo., and Swarthmore (Pa.) College, receiving degree of B. S. in engineering in 1891; from graduation until appointment in the Bureau was employed with foundry and machine shops at Kansas City; received appointment on the meat-inspection force at Kansas City May 1, 1894; transferred to quarantine service March 1, 1900, and stationed at Topeka, Kans., supervising cleaning of cars.

CHARLES A. BROWN, Stock Examiner, was appointed from Syracuse, Nebr., June 1, 1895, and stationed at South Omaha; transferred to Nebraska City Dec. 1, 1898, to Kansas City Aug. 23, 1899, back to Nebraska City Nov. 9, 1899, and to the quarantine service July 1, 1900, and assigned to sheep inspection work at Trinidad, Colo.; is now located at Kansas City, supervising the dipping of sheep at the stock yards.

## TEXAS FEVER QUARANTINE EAST OF MISSISSIPPI RIVER.

HEADQUARTERS AT KNOXVILLE, TENN.

RICE P. STEDDOM, Inspector in charge, was born at Lebanon, Ohio, Dec. 23, 1864; received common school and academic education, and in 1886 graduated from Ontario Veterinary College with degree of V. S.; prior to appointment in the

Bureau was engaged in veterinary practice and sanitary work in Iowa and Illinois; was appointed from Galesburg, Ill., April 1, 1897, through civil-service examination, as assistant inspector in meat-inspection service at Kansas City; transferred to quarantine service Jan. 13, 1898; was sent on a trip to Porto Rico March 10, 1899, to make investigations as to existence of Texas fever there; promoted to inspector Oct. 1, 1899, and returned to quarantine service Nov. 7, 1899; placed in charge of present work Feb. 1, 1900.

FREDERICK W. HOPKINS, Inspector, was born in Dublin, Ireland, Aug. 3, 1861; received education in common and high schools, University of New York (graduating from veterinary department with degree of D. V. S.), and College of Physicians and Surgeons, St. Louis (receiving degree of M. D.); engaged in veterinary practice at St. Paul, Minn., and later in Texas and City of Mexico; in 1888 was appointed veterinary surgeon to 7th U. S. Cavalry at Fort Meade, Dak., afterwards changed to Fort Riley, Kans., and Fort Sill, I. T.; was appointed assistant inspector in the Bureau at Kansas City, from Fort Worth, Texas, Feb. 15, 1896, after civil-service examination; transferred to National Stock Yards, Ill., Feb. 10, 1898, and to Cairo, Ill., his present station, June 22, 1900.

FREDERICK T. DOLAN, Assistant Inspector, was born in Boston, Mass., Oct. 14, 1872; attended common and high schools of that city, and Harvard Veterinary School, graduating from the latter with degree of M. D. V.; engaged in the practice of veterinary medicine; was appointed from Massachusetts and stationed at Indianapolis April 1, 1898, through civil-service examination; transferred to National Stock Yards Nov. 20, 1899, and to southern cattle quarantine work June 18, 1900.

WILLIAM P. ELLENBERGER, Assistant Inspector, was born at Easton, Wayne Co., Ohio; received education in Wadsworth (Ohio) high school, McKillip Veterinary College, and Columbian University, receiving from the latter the degree of D. V. S.; previous to appointment was engaged in veterinary practice; was appointed from Wadsworth, Ohio, Aug. 10, 1898, through civil-service examination, and stationed at Cincinnati; transferred to his present work June 15, 1900.

JOSEPH M. TURNER, Stock Examiner, was born at Kearneysville, W. Va., Oct. 19, 1869; was appointed in the Bureau from Kearneysville, through civil-service examination, March 10, 1896, and stationed at Richmond, Va.; is now located at Salisbury, N. C.

WALTER M. FOSTER, Tagger, was born at Mobile, Ala., Feb. 25, 1874, and received a high school education in that city; was employed five years as clerk in law office; was appointed in the Bureau at Chicago, from Nashville, Tenn., Dec. 1, 1898, through civil-service examination; transferred to Nashville Jan. 2, 1900; to southern cattle quarantine service at Lexington, Ky., March 9, 1900, and to present station at Richmond, Va., July 25, 1900.

#### CANADIAN IMPORT INSPECTION.

ERNEST L. VOLGENAU, Inspector, Buffalo, N. Y., was born in Brooklyn, N. Y., Oct. 28, 1871; attended public schools of New York and Brooklyn; entered College of the City of New York in 1888, and left at close of sophomore year to attend American Veterinary College, graduating from the latter in 1893 with degree of D. V. S.; in 1893 was employed as house surgeon at Philadelphia veterinary sanitarium, and from the close of that year until appointment in the Bureau was engaged in private practice at Buffalo; was appointed assistant inspector in meat-inspection service at New York Dec. 2, 1895, through civil-service examination; transferred to Buffalo June 5, 1897, and to New Haven, Conn., in charge, Feb. 7, 1899; promoted to inspector Oct. 1, 1899; on Nov. 12, 1900, was assigned to his present work of inspecting and making tuberculin tests of Canadian cattle offered for importation, visiting points in Canada for this purpose.

JOHN ARCHIBALD BELL, Inspector, Watertown, N. Y., was born in Canada, Aug. 24, 1856, and received a common school education; lived upon a stock farm for

some years; went to Ontario Veterinary College and graduated with degree of V. S.; engaged in veterinary practice twelve years; received appointment Nov. 1, 1890.

FREMONT L. RUSSELL, Inspector, Orono, Maine, was born at Paris, Maine, June 13, 1862; holds degrees of B. S. for work in agriculture at the University of Maine, and V. S. from New York College of Veterinary Surgeons; received appointment in the Bureau Jan. 5, 1891, and makes inspections for the ports of Orono, Houlton, Vanceboro, Fort Fairfield, Monticello and Van Buren, Maine; is professor of biology and veterinary science in the University of Maine.

GEORGE W. WARD, Inspector, St. Johnsbury, Vt., was born at North Danville, Vt., Oct. 15, 1850; attended common school and academy, and received veterinary instruction under private preceptor, beginning in 1866; was appointed in the Bureau March 9, 1891, and makes inspections for ports of St. Johnsbury, Richford, Newport, North Troy, Derby Line, Island Pond and Beecher's Falls, Vt.

DAVID CUMMING, Inspector, Port Huron, Mich., was born at Milton, County of Halton, Ontario, June 26, 1844; graduated from Ontario Veterinary College in 1870 with degree of V. S., and has been in active practice ever since, first in Ontario up to 1879, and since at Port Huron; received appointment March 26, 1891.

CYPRIEN L. MORIN, Inspector, St. Albans, Vt., was born at St. Lin, Province of Quebec, Oct. 3, 1859; attended St. Francis College at Richmond, Quebec, and acquired professional education in McGill University, graduating in 1884 with degree of D. V. S. and receiving medal for best general examination; has since been engaged in veterinary practice; during 1891 and 1892 was secretary of Vermont State board of cattle commissioners; was several years corresponding editor of veterinary department of St. Albans Messenger; received appointment in the Bureau Sept. 1, 1891; inspects also at Richford, Vt.

CHARLES COWIE, Inspector, Ogdensburg, N. Y., was born at Banff, Scotland, Feb. 9, 1860; acquired education in the public schools and the Royal Veterinary College, Edinburgh, receiving degree of M. R. C. V. S.; for some years has been engaged in veterinary practice; received appointment Feb. 1, 1892; makes inspections at the ports of Massena and Hogansburg besides Ogdensburg, N. Y.

HENRY D. MAYNE, Inspector, Malone, N. Y., was born at Lisbon, St. Lawrence Co., N. Y., March 28, 1862; received education in common schools and Chicago Veterinary College, graduating from the latter with degree of D. V. S.; engaged in farming and veterinary practice; was appointed May 16, 1893, and makes inspections at Rouse's Point, Fort Covington, Mooer's Junction, Chateaugay and Malone, N. Y., and St. Albans and Richford, Vt.

F. M. PERRY, Inspector, Fort Fairfield, Maine, was born in Portland, Maine, June 28, 1866; holds degree of D. V. M., conferred by Harvard University; received appointment Sept. 1, 1894, at Houlton, Maine, and makes inspections at Fort Fairfield, Houlton, Vanceboro and Van Buren, Maine.

BENJAMIN HOWES, Assistant Inspector, Island Pond, Vt., was born in Orleans Co., N. Y., Sept. 10, 1858; was educated in high school and Ontario Veterinary College, receiving from the latter the degree of V. S. in 1887; engaged in farming for some time, and in 1883 was employed as express messenger on Texas & Pacific Railroad; after graduation engaged in veterinary practice; was appointed at Buffalo from Albion, N. Y., Feb. 1, 1898, through civil-service examination, and transferred to Island Pond, Oct. 12, 1898.

HERVEY T. POTTER, Assistant Inspector, Calais, Maine, was born at Hamden, New Haven Co., Conn., Sept. 22, 1857; received education in Hillhouse high school and Yale business college, New Haven, and New York College of Veterinary Surgeons (receiving degree of V. S.); held position of instructor in horse shoeing in last-named school; has been in practice in Connecticut and Maine since 1892.

and in 1896 was employed by State of Connecticut in testing cattle for tuberculosis; was appointed in the Bureau May 10, 1899, through civil-service examination; inspects also at Eastport, Maine.

JOHN FLANNIGAN DEADMAN, Assistant Inspector, Sault Ste. Marie, Mich., was born at Lucan, Ontario, Nov. 25, 1867, and received a common school education; holds degree of D. V. M. from veterinary department of Detroit College of Medicine, and has been engaged in veterinary practice since graduation; was appointed June 1, 1899.

## SHEEP INSPECTION IN THE NORTHWEST.

GEORGE S. HICKOX, Agent in charge, with headquarters at Salt Lake City, Utah, was born at Coldwater, Mich., Feb. 28, 1840, and received a common school education; was deputy sheriff from 1872 to 1876, and sheriff from 1876 to 1880, of Marshall Co., Iowa; deputy warden of penitentiary at Anamosa, Iowa, from 1882 to 1886; for a year prior to appointment in the Bureau was engaged in railroad work; was appointed from Omaha, Nebr., on the meat-inspection force at South Omaha, Nov. 9, 1897; in 1899 was detailed to investigate shipments of sheep through points on the Missouri River and in the far West, and in the summer of 1900 was assigned to his present work.

LOWELL CLARKE, Inspector, was born in Michigan, June 28, 1866; attended Benton Harbor high school and Chicago Veterinary College, graduating from the latter with degree of D. V. S.; practised veterinary medicine six years; was appointed from Benton Harbor, Mich., as assistant inspector at Chicago, Nov. 1, 1895, through civil-service examination; transferred to South Omaha Jan. 14, 1897; assigned to sheep inspection in the field March 2, 1900; promoted to inspector July 1, 1900; is now at Fort Collins, Colo.

FRANK C. EELLS, Assistant Inspector, was born at Ottawa, Ill., Dec. 31, 1866; attended high school and Chicago Veterinary College, receiving degree of D. V. S. from the latter; engaged in veterinary practice from graduation until entering the Bureau; was appointed from Ottawa, Ill., through civil-service examination, March 1, 1898, and placed on the quarantine force; transferred to National Stock Yards, Ill., Aug. 25, 1898, and to Sioux City, Nov. 18, 1899; on Aug. 22, 1900, was assigned to sheep inspection work and located at Spokane, Wash.

WALTER E. HOWE, Assistant Inspector, was born at Kenosha, Wis., Sept. 5, 1871; graduated from Ontario Veterinary College in 1896 with degree of V. S.; took post-graduate course at Cornell University and received degree of D. V. M. in 1897; has also taken special studies at Post-Graduate Medical College and Rush Medical College, Chicago; was appointed from New York, through civil-service examination, April 11, 1898, and stationed at Chicago; detailed for sheep inspection July 2, 1900, and located first at Ogden, Utah, now at Denver, Colo.

J. OTIS JACOBS, Assistant Inspector, was born at San Francisco, Cal., Nov. 24, 1873; received education in commercial high school and University of California, graduating from the veterinary department of the university with degree of D. V. S.; practised the veterinary profession before entering the service of the Bureau; was appointed from San Francisco, through civil-service examination, July 1, 1898, and stationed at South Omaha; on Aug. 7, 1900, was transferred to sheep inspection, and is located at Reno, Nev.

LEVI P. BEECHY, Assistant Inspector, was born at Berlin, Holmes Co., Ohio, Jan. 6, 1869, and was reared on a farm; attended common schools, Berlin high school, and Ohio Normal University; taught school five years; then went to Ontario Veterinary College and received degree of V. S.; practised the veterinary profession four years; was appointed at South Omaha, from Sugar Creek, Ohio, July 20, 1898, through civil-service examination; detailed for sheep inspection in Wyoming June 18, 1900, and is now located at Douglas, Wyo.

HUGH M. ROWE, Assistant Inspector, was born at Strathroy, Canada, March 5, 1868; after attending public schools and collegiate institute at that place, went to Ontario Veterinary College and received degree of V. S.; also took special course under private instruction in pathology, bacteriology and chemistry; is an honorary Fellow of the Veterinary Medical Association of Canada; for over ten years was a practising veterinarian and during four years of this time was manager of the Hawkeye Stock Food Co. at Marion, Iowa; was appointed in the meat-inspection service at South Omaha, Dec. 15, 1898, through civil-service examination, and on Aug. 7, 1900, was transferred to sheep inspection and is located at Ogden, Utah.

MATTHIAS S. LANTZ, Assistant Inspector, was born at North Point, Jefferson Co., Pa., Oct. 7, 1867; received academic education, and afterwards attended United States Veterinary College and took degree of D. V. S.; served as extra veterinarian in the Army at Tampa, Fla., from Oct. 1, 1898, to April 1, 1899; then engaged in private practice at Dubois, Pa., up to time of appointment; was appointed June 20, 1900, and is located at Pendleton, Ore.

#### MISCELLANEOUS INSPECTION WORK.

WILLIAM S. DEVOE, Inspector, was born in New York City, Jan. 24, 1852, and attended public schools and College of the City of New York; from 1870 to 1876 was employed at clerical work, and from 1877 to 1879 engaged in farming in Illinois; during 1880 and 1881 attended American Veterinary College, graduating with degree of D. V. S.; from graduation until appointment practised the veterinary profession in New York City; received appointment in the Bureau April 27, 1887, and was assigned to Chicago; transferred to Baltimore in November of that year, to Philadelphia as inspector in charge in March, 1888, and to New York City in same capacity Aug. 1, 1888; resigned May 1, 1889, to engage in business; was reappointed at New York April 15, 1891; transferred to Jersey City Sept. 1, 1891; appointed traveling inspector in May, 1893; inspector in charge at Chicago Aug. 1, 1895; transferred to field work in May, 1900, and has since been engaged in such work in Wyoming and Nebraska.

ALLEN ANDERSON HOLCOMBE, Inspector, was born at Carversville, Bucks Co., Pa., Nov. 16, 1850; received education at Excelsior Normal Institute, Carversville, and American Veterinary College, graduating from the latter with degree of D. V. S.; was professor of surgical pathology in American Veterinary College from 1876 to 1880; inspecting veterinary surgeon, U. S. Army, from 1880 to 1884; State veterinarian of Kansas, 1884 to 1888, and State veterinarian of Wyoming, 1888 to 1899; received appointment in the Bureau as assistant inspector at Chicago Aug. 15, 1899, from Cheyenne, Wyo., through civil-service examination; in the fall of 1900 was detailed as traveling sheep inspector in the West; was promoted to grade of inspector Nov. 1, 1900; is now engaged in sheep inspection with headquarters at Aurora, Ill.

ASA N. McQUEEN, Inspector, New Orleans, La., was born at Clay, Onondaga Co., N. Y., Dec. 5, 1865; first attended country district school, and passed New York State Regents' examination; also attended academic department of Liverpool (N. Y.) union school, and Ontario Veterinary College, graduating from the latter in 1886 with degree of V. S.; has since been engaged in veterinary practice at Hornellsville, N. Y., and New Orleans, La.; was appointed Feb. 8, 1892, and inspects cattle for export through New Orleans.

CHARLES H. STEVENS, Special Agent, was born near Mauston, Wis., March 21, 1854, of English parents who came to this country in 1849; his boyhood days were spent on the farm; received a common school education; in 1892 was elected to the common council of the city of Mauston, and in 1894 was elected mayor of that city, also a member of the Republican ninth district State senatorial committee and chairman of the Republican county committee; in 1897 was elected a member of the county board of supervisors; received appointment in the Bureau May 16, 1898, and was assigned to duty at Chicago and in the field, investigating shipment of live stock.

ROBERT H. TREACY, Assistant Inspector, was born at Aurora, Kane Co., Ill., Oct. 8, 1864; is a graduate of Chicago Veterinary College; has been district veterinarian in North Dakota for three terms of two years each, first in 1893 and 1894, and then from 1896 to 1900; was appointed in the Bureau at Chicago, from Steele, N. Dak., Oct. 12, 1896, through civil-service examination; on June 30, 1897, was furloughed at his own request to resume State work; in March, 1898, was detailed by the Bureau to investigate glanders in South Dakota; on May 1, 1900, returned to the Bureau service, resigning State position, and was assigned to sheep inspection in North Dakota; is located at Bismarck, N. Dak.

ROBERT A. RAMSAY, Assistant Inspector, was born at Eden Mills, Ontario, Canada, Aug. 3, 1861; graduated from Ontario Agricultural College in 1882 with degree of B. S. A. and from McGill School of Comparative Medicine in 1892 with degree of D. V. S.; engaged in veterinary practice at Mexico, Mo., from graduation until appointment in the Bureau, and part of this time was employed by the Missouri State board of agriculture in doing farmers' institute work; was appointed at South Omaha Feb. 8, 1899, through civil-service examination, and subsequently assigned to sheep inspection at Grand Island, Nebr., his present station.

ADOLPH J. PISTOR, Assistant Inspector, was born at Newark, N. J., July 7, 1876; attended private and high schools at Newark, American Veterinary College (receiving degree of D. V. S.), and took special course at Dresden Veterinary High School, Germany; served as assistant to Dr. L. R. Sattler, of Newark, and as house surgeon at Newark veterinary hospital; received appointment in the Bureau at Chicago, through civil-service examination, Dec. 15, 1898, and on June 15, 1900, was assigned to sheep inspection work at Fremont, Nebr., his present station.

JAMES IRWIN, Stock Examiner, was born in Ireland, March 1, 1833; was reared on a farm, and received education in the public schools of Ireland; during the Civil War served in the U. S. Army from 1862 to 1865 in Springfield Light Artillery, enlisting as private and advancing to corporal, quartermaster-sergeant, second lieutenant and first lieutenant, and at close of the war was in command of battery; previous to entering the Bureau was engaged in farming; was appointed from Auburn, Ill., April 1, 1890, stationed at East St. Louis serving until July 15, 1893; was reinstated at National Stock Yards April 15, 1897; on June 15, 1897, was assigned to supervise movement of southern cattle at certain points in Missouri and Illinois, and is now engaged in that work with headquarters at Auburn, Ill.

## MISCELLANEOUS.

### HOG CHOLERA EXPERIMENTS IN SOUTHWESTERN IOWA.

#### HEADQUARTERS AT CLARINDA, IOWA.

JOHN MCBIRNEY, Inspector in charge, was born in County Armagh, Ireland, May 15, 1863, of Scotch-Irish parents, and attended British national schools; worked in grocery business at Newry two years; came to the United States in 1882, and attended public schools in Iowa during next two years; taught in public schools of that State during 1885 and winter vacations of 1886, 1887 and 1888; entered Iowa Agricultural College in February, 1886, and graduated in November, 1889, as D. V. M., and with military rank of cadet first lieutenant; entered upon veterinary practice at Charles City, Iowa, and in 1890 was appointed assistant State veterinary surgeon; was captain of company and afterwards major of battalion in Iowa National Guard; was appointed assistant inspector at Philadelphia through civil-service examination, Oct. 1, 1895; transferred to Chicago Sept. 9, 1896, and to Sioux City (in charge) April 15, 1897; promoted to inspector and placed in charge of hog cholera work in Iowa June 15, 1897; transferred to Cedar Rapids April 11, 1898, and on July 1, 1898 upon resumption of hog cholera experiments, was again placed in charge.

CHARLES MASON DAY, Inspector, was born at Albany, Ill., March 21, 1865; attended common schools of Illinois and Iowa, removing to latter State with parents at nine years of age, and remaining until eighteen; then commenced teaching school in Illinois; also clerked in drug store; entered Iowa State College, and in 1893 graduated from veterinary department with degree of D. V. M.; during following year was house surgeon in that department; engaged in veterinary practice in Iowa, and for a short time served as assistant State veterinarian testing dairy herds for tuberculosis; was appointed from Shenandoah, Iowa, Nov. 19, 1894, through civil-service examination, as assistant inspector at National Stock Yards, Ill.; transferred to St. Louis, Jan. 1, 1896; to Davenport, Iowa, in charge, May 25, 1897, and on Nov. 11, 1897, to Lincoln, Nebr., to co-operate with University of Nebraska in hog cholera experiments; was promoted to inspector Jan. 1, 1899; on July 1, 1899, was transferred to hog cholera work at Clarinda, and at close of work for that season was sent to South St. Joseph, Mo.; was returned to Clarinda April 3, 1900.

WILLIAM B. NILES, Inspector, was born Nov. 5, 1858, in Rock Co., Wis., of New England parentage; attended common schools of Iowa and later entered Iowa State College, graduating with degree of D. V. M. in 1885; took post-graduate work in 1886; from that year until 1888 was assistant State veterinary surgeon of Iowa and engaged in private practice; from 1888 to 1890 was professor of veterinary science and station veterinarian at University of South Carolina, also veterinarian to State department of agriculture; from 1890 to 1898 was assistant professor of veterinary science in Iowa State College, and assistant State veterinarian of Iowa; was a charter member of Iowa Veterinary Medical Association and is also a member of American Veterinary Medical Association; was appointed Aug. 20, 1898, through civil-service examination, and assigned to hog cholera experiments in Iowa; transferred to South Omaha Jan. 7, 1900, on suspension of hog cholera work for the winter, and returned to that work April 23, 1900.

ABRAM M. ADAMS, Inspector, was born in Stark County, Ohio, Dec. 5, 1854; boyhood days were spent working on farm in summer and attending district schools in winter; attended Mount Union College, Ohio, and taught school in that State from 1875 to 1887; for next four years was superintendent of Truss Axle Stock Farm at Canal Dover, Ohio; attended Ontario Veterinary College, graduating in 1893 with degree of V. S.; practised veterinary medicine until entering Bureau service Feb. 6, 1897, being appointed from Minerva, Ohio, after civil-service examination, as assistant inspector on cattle quarantine force at Kansas City; in spring of 1899 was assigned to hog cholera experimental work

in Iowa, in which he has since been engaged with the exception of a few months early in 1900 spent in meat-inspection service at South St. Joseph, Mo.; was promoted to inspector Sept. 15, 1900; died Dec. 26, 1900.

JOHN I. BAGNALL, Laborer, was born Aug. 12, 1854, at Mercer, Pa.; present home is at College Springs, Iowa; was appointed Sept. 7, 1897, to assist in hog cholera experiments, and has been employed in this work for each season since.

J. S. LUNDSTEDT, Laborer, was born in Sweden, Oct. 27, 1848; served as census enumerator in Iowa in 1890; was appointed from Bethesda, Iowa, Sept. 16, 1897, and served during the experiments of that season; was again appointed April 25, 1900.

E. J. CADWELL, Laborer, was born in Erie Co., Pa., July 24, 1839; removed with parents to Illinois when two years old; served in the Civil War from 1862 to 1865 as private in Co. K, 83rd Ill. Vol. Inf., in the Army of the Cumberland; removed to Page Co., Iowa, in 1874; engaged in farming and stock raising until 1890; has since lived in retirement at Coin, Iowa; was appointed April 19, 1898, and has served in the experiments each year since.

M. M. CHAMBERS, Laborer, was born at Lynnville, Ind., April 25, 1845; during the Civil War served as sergeant in Co. K, 146th Ind.; has resided in the vicinity of Farragut, Iowa, for thirty years, and most of this time was engaged in merchandise business; was postmaster at Farragut three years; received appointment in the Bureau April 10, 1899, and again the following year, April 25, 1900.

S. N. HEATON, Laborer, was born March 7, 1863, in Iowa, and was reared on a farm; has followed farming and stock raising as a business, and owns a fine farm in Fremont Co., Iowa; was appointed from Randolph, Iowa, April 10, 1899, serving through the summer and until the experiments were discontinued for that year; reappointed April 25, 1900, on resumption of the work.

C. H. POLK, Laborer, was born in Germany; came to the United States, and during the Civil War served as private in Co. D, 138th Ill.; present home is at Sidney, Iowa; was first appointed April 10, 1899, for that year's work, and again April 25, 1900.

HENRY TOWNS, Laborer, was born in Stark Co., Ohio, Oct. 8, 1835; served in the Civil War in Co. B, 24th Iowa Inf.; at present resides at Hamburg, Iowa; was appointed April 10, 1899, and served during the experiments of that year; was again appointed April 25, 1900.

M. V. THOMPSON, Laborer, was born in Whiteside Co., Ill., Dec. 29, 1840; during Civil War served in the U. S. Army, in the 4th Brigade under Gen. Post, in the 14th Army Corps under Gen. McCook, and in the Army of the Cumberland under Gen. Rosecrans; took part in battles of Perryville, Stone River and Atlanta, besides minor engagements; was appointed from Clarinda, Iowa, April 11, 1899, for that season, and reappointed April 25, 1900.

JOHN E. FRANK, Laborer, was born in Union Co., Ohio, Jan. 8, 1838; was a soldier in the U. S. Army during the Civil War, serving from 1861 to 1866; received appointment April 24, 1899, from Red Oak, Iowa, and also served during the experiments of 1900.

MARTIN L. BYRD, Laborer, was born at Anamosa, Iowa, Nov. 5, 1851; has followed the occupation of bricklaying and plastering; was appointed April 25, 1900, from Riverton, Iowa.

C. W. FELTCH, Laborer, was born at Lisbon, Maine, March 1, 1838; during the Civil War served in Co. E, 23rd Maine Vol. Inf., in the Army of the Potomac and the 3rd Brigade commanded by Gen. Hooker; was appointed from Clarinda, Iowa, April 25, 1900.



RALPH HOLLAND, Laborer, was born in Joe Daviess Co., Ill., Sept. 9, 1837; removed to Red Oak, Iowa, in 1868, and to Essex, Iowa, in 1875, where he has since resided; was appointed April 25, 1900.

WILLIAM R. PARKS, Laborer, was born at Warsaw, Ind., April 22, 1866; is a graduate of Valparaiso (Ind.) normal college; made a trip to England in 1890 with a shipment of fine stock, and has also visited Hawaii and Japan; enlisted May 12, 1898, as private in Co. E, 51st Iowa Vol. Inf., and served in the Philippine Islands nine months during the Spanish War; was sent home on hospital ship and discharged for disability Aug. 31, 1899; was appointed from Shenandoah, Iowa, April 25, 1900.

EUGENE STILES, Laborer, was born in Fremont Co., Iowa, March 18, 1866, and was appointed from Sidney, Iowa, April 25, 1900.

A. A. TIMSON, Laborer, was born in Vermont, Dec. 30, 1846; came to Iowa in 1856 and has since resided in that State; served in the Civil War in Co. C, 44th Iowa Inf., as wagoner; was married in 1871; is a farmer by occupation, and owns a farm near Tabor, Iowa; was appointed April 25, 1900.

ABRAHAM WILSON, Laborer, was born in Fountain Co., Ind., Aug. 16, 1842; removed with parents in 1852 to Page Co., Iowa, where he has resided ever since; enlisted in 1862 in Co. A, 1st Iowa Cav., Army of the West, and served until 1866, taking part in thirty-four engagements; engaged in farming and stock raising until 1889, and has since lived a retired life at Coin, Iowa; was appointed April 25, 1900.

LOUIS STEWART, Laborer, was born in Warren Co., Ill., Sept. 9, 1857, and was appointed from Malvern, Iowa, June 1, 1900.

#### ANIMAL NUTRITION EXPERIMENTS AT STATE COLLEGE, PA.

CONDUCTED IN COOPERATION WITH THE PENNSYLVANIA AGRICULTURAL EXPERIMENT STATION.

HENRY PRENTISS ARMSBY, Director of Experiment Station and Dean of the School of Agriculture of the Pennsylvania State College, in charge of the above named experiments, was born at Northbridge, Mass., in 1853; received degree of B. S. at Worcester Polytechnic Institute in 1871; was assistant in chemistry at same institution, 1871-72; graduate student, Sheffield Scientific School, 1872-74; teacher of natural sciences, Fitchburg (Mass.) high school, 1874-75; student, University of Leipzig, Germany, 1875-76; assistant in chemistry, Rutgers College, 1876-77; Chemist Connecticut agricultural experiment station, 1877-81; received degree of Ph. D. from Yale University, 1879; was professor of agricultural chemistry, University of Wisconsin, 1883-87, after which accepted present position at Pennsylvania State College; was chairman of committees on cooperative station exhibit at World's Columbian Exposition, 1893, and Paris Exposition, 1900; member of committee on dairy tests, World's Columbian Exposition, 1893, president of Association of American Agricultural Colleges and Experiment Stations, 1898-99; received appointment in the Bureau July 1, 1898, to conduct experiments in animal nutrition. In connection with these experiments there has been constructed under Prof. Armsby's supervision a newly devised respiration calorimeter, in which a large animal may be kept for days and feeding experiments made so that everything taken in and given off by the animal is accurately measured and determined.

I. THORNTON OSMOND, Assistant, was born near Philadelphia, Pa.; holds degrees of B. A. and M. A. from Mt. Union College, and M. S. from Cornell University, and is a Fellow of the American Association for the Advancement of Science; is professor of physics in Pennsylvania State College, which position he has held since 1879; was appointed by the Bureau Oct. 1, 1898, to assist in above experiments.

J. AUGUST FRIES, Assistant, was born at Helsingborg, Sweden, Aug. 31, 1863, and received early education in his native town; is a graduate of the Pennsylvania State College with degree of B. S., and studied one year at University of Halle, Germany; since 1889 has held position of assistant chemist at Pennsylvania experiment station; received Bureau appointment to assist in animal nutrition experiments Oct. 1, 1898.

CASSIUS WILLIAM NORRIS, Assistant, was born at New Castle, Pa., March 10, 1875, and was appointed by the Bureau in connection with the above mentioned experiments July 1, 1900.

#### EX-EMPLOYEES.

CHARLES H. BLEMER, Inspector, was born at Marion, Ind.; acquired veterinary education at National Veterinary College, Washington, D. C., receiving degree of D. V. S.; was appointed assistant inspector in the meat-inspection service at Kansas City Aug. 16, 1895, after civil-service examination, and on Jan. 1, 1896, was transferred to the quarantine service for field work; was promoted to inspector April 1, 1898; in 1899 was granted a furlough by the Bureau in order that he might accept the position of State veterinarian of California, which office he now holds, being located at Sacramento.

TAIT BUTLER, Inspector, was born at Stirling, Ontario, Canada, July 24, 1862; was educated in the public schools of Ontario, St. Mary's Collegiate Institute, St. Mary's, Canada, and Ontario Veterinary College, graduating from the latter in 1885 at the head of his class, winning gold medal for best general examination, and receiving degree of V. S.; in 1886 won United States Veterinary Medical Association and American Veterinary Review prizes; from 1885 to 1891 engaged in veterinary practice, and in 1889 was president of Iowa State Veterinary Medical Association; from 1891 to 1896 held positions of professor of veterinary science and human anatomy and physiology in Mississippi Agricultural College, and veterinarian to Mississippi agricultural experiment station; from 1896 to 1899 was a veterinary practitioner and editor of the Southern Farm Gazette; was appointed in the Bureau from Starkville, Miss., through civil-service examination, June 20, 1899, as assistant inspector at Indianapolis; was transferred to Cudahy, Wis., in charge, Oct. 1, 1900, and promoted to inspector Nov. 1, 1900; resigned Dec. 10, 1900, to accept chair of veterinary science in Kansas State Agricultural College; in 1900 was elected president of American Veterinary Medical Association.

JOHN G. SLEE, Assistant Inspector, was born at Poughkeepsie, N. Y., Dec. 16, 1857; is a graduate of American Veterinary College with degree of D. V. S.; received appointment in the Bureau at Boston, from New York City, April 15, 1897, through civil-service examination; was granted leave of absence during Spanish War and served as veterinarian to 2nd U. S. Vol. Cav.; was reinstated at National Stock Yards, Ill., Aug. 15, 1899; on Aug. 7, 1900, was given furlough to enter service of quartermaster's department, U. S. Army, and was ordered to China; is now veterinarian to board of health at Manila, Philippine Islands.

LOUIS A. KLEIN, Assistant Inspector, was born at Philadelphia, Pa., May 10, 1871; graduated from veterinary department of the University of Pennsylvania in 1897 with degree of V. M. D.; engaged in general practice at Lewistown, Pa., and held position of resident veterinarian at Biltmore Farms, Biltmore, N. C.; was appointed in the Bureau at Chicago April 1, 1898, through civil-service examination; transferred to export cattle inspection force at New York Dec. 1, 1898; to quarantine service Dec. 23, 1898, and stationed at Fort Worth, Texas, Feb. 23, 1899; transferred to Philadelphia Nov. 20, 1899; resigned Sept. 12, 1900, to accept position with veterinary department of Iowa Agricultural College as instructor in practice of medicine, physiology, sanitary science and meat inspection.

JOHN H. McNEALL, Assistant Inspector, was born at Bowen, Ill.; received education in Elliott's College, Burlington, Iowa; College of Physicians and Sur-

geons, Keokuk, Iowa, and veterinary department of the University of Pennsylvania, and holds degree of V. M. D. from the latter; previous to entering the Bureau held position as resident surgeon in University of Pennsylvania veterinary hospital; was appointed at Buffalo April 10, 1899, through civil-service examination; transferred to Boston Jan. 15, 1900, and back to Buffalo May 15, 1900; on July 2, 1900, was detailed for sheep inspection, and served at Ogden, Utah, and Shoshone, Idaho; resigned Sept. 12, 1900, to accept position in veterinary department of Iowa Agricultural College as instructor in anatomy, surgery and obstetrics.

CLINTON H. BUGBEE, Assistant Inspector, was born at Hancock, Hillsboro Co., N. H., Feb. 27, 1846; is a graduate of the high school at Chelsea, Mass., class of 1895, and Ontario Veterinary College with degree of D. V. S., 1897, obtaining first prize in entozoa and honors in other branches; had three years' veterinary practice with his father at Keene, N. H., and was designated as agent of Massachusetts cattle commission to make tuberculin tests in Cheshire Co.; received appointment at National Stock Yards, Ill., June 15, 1900, through civil-service examination, and was transferred to South Omaha Aug. 1, 1900; resigned Nov. 25, 1900, to enter military service.

SAMUEL GLASSON, JR., Assistant Inspector, was born in New York City March 10, 1873; took highest medal and honors at grammar school; studied four years at the College of the City of New York; graduated from American Veterinary College in 1893 with degree of V. S., and in 1899-1900 took a special course at the University of the City of New York; was appointed veterinarian in U. S. Cavalry at West Point in 1894; afterwards engaged in private practice; was appointed in the Bureau at Chicago, from New York City, June 15, 1900, through civil-service examination; resigned July 27, 1900, to accept appointment in the U. S. Army as veterinarian of the first class; is now chief veterinarian with 9th U. S. Cavalry, at present at headquarters of the department of Southern Luzon, at Nueva Caceres, Philippine Islands.



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