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GREAT WESTERN . . .

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PROSPECTUS

OF THE

GREAT WESTERN

IRON MINING AND
MANUFACTURING

COMPANY.

Incorporated under the Laws of Utah, at Parowan City,
September 9th, 1873.

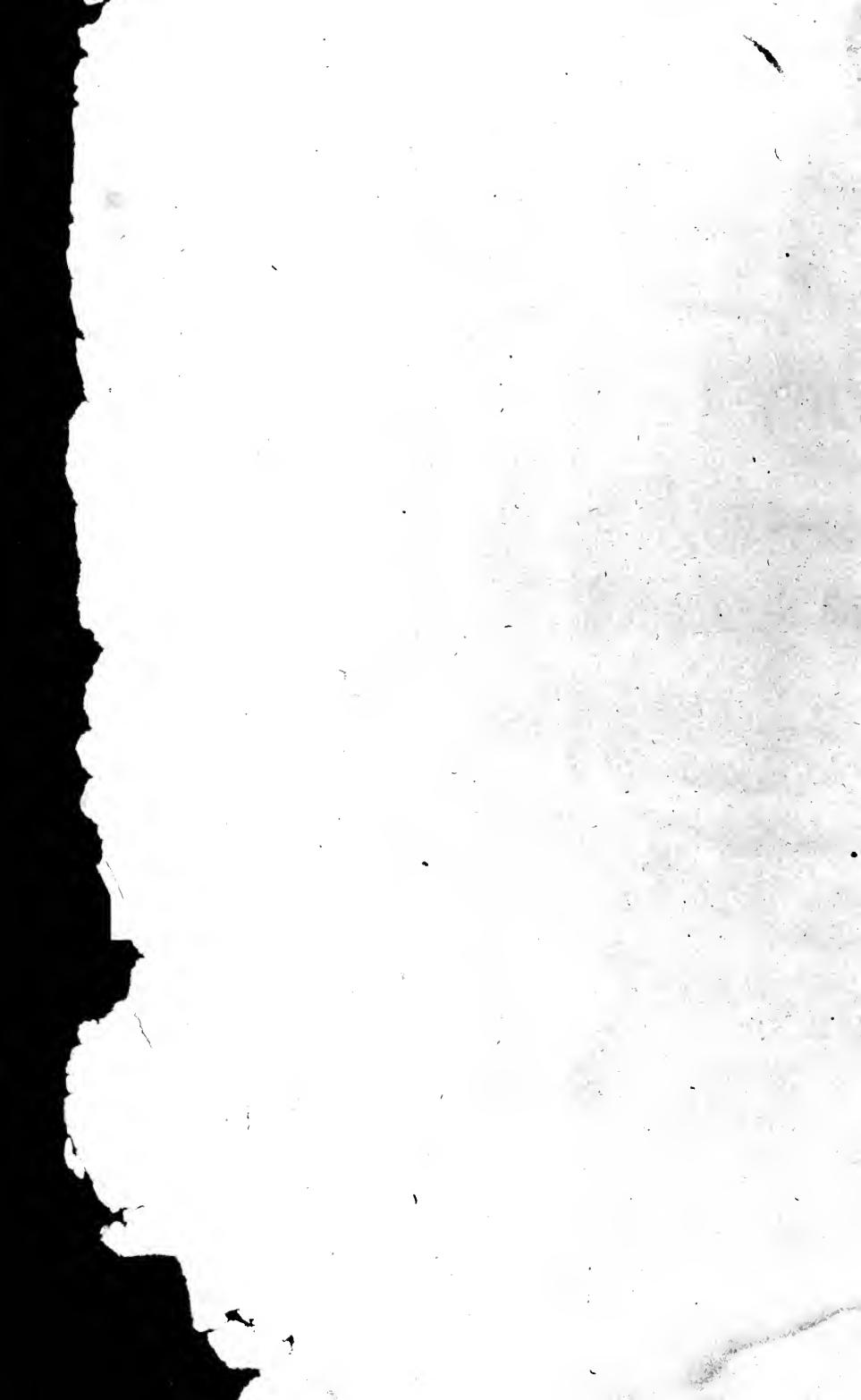
CAPITAL STOCK, - - - \$2,000,000.

UNASSESSABLE.

SALT LAKE CITY, UTAH.

PRINTED AT THE OFFICE OF THE SALT LAKE HERALD.

1874.



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IRON MINING AND MANUFACTURING
COMPANY.

Incorporated Sept. 9, 1873.

CAPITAL STOCK \$2,000,000.

OFFICERS :

Wm. B. Pace, President.

A. J. Stewart, Vice Pres.

Homer Duncan, Treasurer.

Jas. H. Hart, Secretary.

Ebenezer Hanks, Gen. Sup't.

BOARD OF DIRECTORS :

Wm. B. Pace,

A. J. Stewart,

Homer Duncan,

Ebenezer Hanks,

W. N. Dusenberry,

Chapman Duncan,

Umpstead Rencher.

OFFICES OF COMPANY:

Iron City, Utah.

AND
Provo City, Utah.

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PROSPECTUS

OF THE

GREAT WESTERN IRON MINING AND MANUFACTURING CO.

The above named Company was incorporated under the laws of Utah, at Parowan City, Utah Territory, on the 9th day of September, 1873.

The object of the incorporation being the purchase and development of certain Iron, Coal, Copper, Zinc, Silver, and other mines, in Iron county, Territory of Utah, and for the purpose of extracting, reducing, manufacturing, shipping or disposing of the same.

The property included in the purchase made by the Company, is located in, and adjacent to, Iron City, Pinto Iron Mining District, and consists, in part, of large tracts of Coal and Iron lands, Silver and Zinc locations, a Blast Furnace, Air Furnace, Foundry, Machine Shops, Pattern Shops, Offices, Boarding, Dwelling, Store and Warehouses, the land on which they are situated, the exclusive water right, together with sufficient property on which to erect Rolling Mills, additional Furnaces, and buildings necessary for carrying out the purposes of the incorporation.

The Iron lands contain immense deposits of magnetic, specular and hematite Iron ore, and include the famous Iron and Blowout Mountains, the former rising 700 feet, the latter 400 feet, above the level of the valley, and on which the ledges and deposits of rich magnetic and specular ores crop out in places several hundred feet high.

CERTIFICATE OF ASSAY.

"PACIFIC ASSAY OFFICE, SALT LAKE CITY, Jan. 28, 1874.

"GREAT WESTERN IRON MINING AND MANUFACTURING COMPANY,

"*Dear Sirs:* We have assayed the sample of Iron ore (average sample marked Blowout and Chesapeake) which you left with us for its contents of metallic Iron, and found it to contain as follows: 81 48-100 per cent. metallic Iron.

Yours Truly,

"SELBY & GUNTER, ASSAYERS."

AUERBACH COLL. December 1947

Several hundred tons of Pig Iron and Castings have been successfully manufactured from these mines, for the Pioche and Bullion markets, thus proving beyond the possibility of a doubt, the feasibility of fluxing and reducing the ores.

The works of the Company are located on Little Pinto Creek, adjacent to Iron City, around which their Iron and Coal lands radiate at a distance of from one to seven miles, all of which are now easily accessible by good wagon roads, and may be readily connected by rail on an easy grade.

Fire Rock, Fire Clay, Moulding Sand, Limestone, and every pre-requisite necessary for the construction of or running the Furnaces, are found in abundance in close proximity to the works.

Within three miles of their works the Company have sunk an 80 foot shaft, cutting a vein of hard Coal seven and a half feet thick, and have started a tunnel from the base of the mountain with the intention of tapping the same vein at a distance of two hundred feet. This tunnel, on reaching one hundred and twenty-five feet, has cut a vein of Anthracite Coal four and a half feet thick, which is regarded by experts as equal to the best Pennsylvania Anthracite Coal.

Upon another location, seven miles from the works, two shafts, 75 and 85 feet, respectively, have been sunk, developing a first-class article of Coal. Through lack of machinery at the time, these shafts were temporarily abandoned, and a tunnel started from the base of the hill to tap the same veins. This tunnel has now penetrated 500 feet, cutting three veins of Coal of an aggregate thickness of 24 feet. This Coal makes an A 1 article of Coke, and is a valuable acquisition to the property of the Company, being sufficient to supply their demands for Coke for years. The tunnel is well "timbered-up," a car track laid, and every arrangement made for active operations during the coming season.

In view of the immense demand for railroad iron on the Pacific coast, and the importance of a speedy connection between the Iron Mountain & Utah Valley Railroad and the Utah Southern Railroad, thereby placing the Great Western Iron Manufacturing Company in direct communication with the U. P. and C. P. Railroads, the Company have been induced to enter at once upon the manufacture of railroad iron. To this end they have secured the services of a competent and thorough Rolling Mill Superintendent, who is now East getting up plans and drawings for a Rolling Mill, with a capacity of 50 tons of finished rails per day. Additional Blast and Puddling Furnaces are in course of construction, and will be ready for operation as soon as the requisite machinery arrives.

In addition to the Iron and Coal interests aforesaid, the Company has purchased and holds the General Putnam, Mammoth and Desert Extension

SILVER LEDGES,

Situated within five and a half miles of Iron City.

The General Putnam is a true fissure vein, with well defined walls. The location contains 3,000 feet, and assays made by Professor Allen, give

\$171.00 per ton. On this location a shaft has been sunk 50 feet, and a tunnel commenced at the base of the hill in Silver Cañon, that will strike the General Putnam at a depth of about 300 feet.

The Mammoth and Desert Extension locations contain 2,800 and 2,000 feet, respectively. Shafts have been sunk on each to the depth of 40 feet, developing good milling ore.

ZINC.

Adjacent to Iron City the Company also has a location of Zinc, which is a well-defined ledge, 14 feet by 3,000 feet. Assays made by Prof. T. L. R. Schuner give 50 per cent. Zinc.

CERTIFICATE.

“TERRITORY OF UTAH,
“COUNTY OF IRON. } ss.

“TO THE GREAT WESTERN IRON MINING AND MANUFACTURING COMPANY:

“Being so directed by the Probate Judge of Iron county, J. Jesse N. Smith, Clerk of the Probate Court of said county, do hereby certify that the articles of agreement of the Great Western Iron Mining and Manufacturing Company have been filed and recorded in my office, together with the oath of office, and bonds of the incorporators and officers, as required by the Statutes of Utah; and said Company is hereby authorized to exercise all the functions, and any or all the privileges, of a corporation.

“IN TESTIMONY WHEREOF, I have hereunto set my hand, and affixed the seal of the Probate Court of Iron county, at Parowan City, this 9th day of September, A. D. 1873.

“JESSE N. SMITH, PROBATE CLERK.

“TERRITORY OF UTAH,
“COUNTY OF IRON. } ss.

“I approve of the issuance of the foregoing certificate.

“SILAS S. SMITH,
“PROBATE JUDGE FOR IRON COUNTY.”

The following extract is from the pen of Mr. E. D. Wassell, of Pittsburgh:

“SALT LAKE CITY, Nov. 10, 1873.

“EDITOR DESERET NEWS: In compliance with a request made to me by different parties, I would ask the privilege to give a brief statement, in your columns, of the vast mineral resources of Southern Utah. First, allow me to say that I was surprised, beyond what I am able to express, at the great mineral wealth of Iron County, abounding as it does with Iron ores and Coal. The Iron ores, so far as I am able to judge, surpass anything of the kind I have ever seen, both in regard to quantity and quality, and will make as large, if not a larger yield, in Iron, than any other Iron ore now known. There are different classes of Iron ore in Iron County, quite sufficient to guarantee success in the smelting operations of a Blast Furnace. There is the rich magnetic, the red hematite, and other classes of ores which I do not care

to designate from mere observation. Suffice it to say that the lowest grade I have seen will not yield less than 45 or 50 per cent. of Iron, while others of a higher grade will yield from 70 to 75 per cent.

"Upon the quality and price of Iron ore the success of an Iron manufactory mainly depends, so that all Iron ores should receive due consideration and examination, both as to quality and quantity, before capital is invested for manipulation, so that when capital is secured it may be regarded as a safe investment in a stable business. These steps, so far as I can learn, have been taken, and the proper assays made, with satisfactory results, so that there need be no fear in the minds of any who have already invested their means, or those who may yet invest, in the stock of the Great Western Iron Mining and Manufacturing Company of Utah. I am satisfied from what I have seen, and what I know of the results of the different assays that have been made of the Iron ores of Iron County, in connection with proper care, judgment and economy in the construction of the proper works for the manipulation of the Iron ores, that in less than five years from the present time, the increased value of these Iron mines will amount to 500 per cent."

The following extract is from the report of the Baldwin Exploring Expedition, published in the *Salt Lake Herald*, under date of December 5th, 1873:

"IRON COUNTY.

"Utah's great wealth lies not in its hundreds of valuable gold and silver ledges, but in its Iron and Coal fields. The seemingly fabulous stories of the immense Iron deposits in Southern Utah, but told part of the truth. The Baldwin Expedition, on reaching the Iron fields, crossed the Wah Wah and Piñon ranges of mountains, which they found covered with the finest Pine and Cedar timber, sufficient for the requirements of the country in that vicinity for years to come. The surface of those mountains indicates no mineral; but Nature has made up for the absence of the precious metals by giving to that section what is more useful to mankind—timber and good grazing. Pinto Iron Mining District, in which is the famous Iron mountain, is one vast extent of rich magnetic and hematite Iron ores. The ledges crop out of the earth in places hundreds of feet high, and appear on the surface for eight hundred and a thousand feet, inviting capitalists to double and treble their fortunes with scarcely a possible risk of losing a cent. But a few miles distant are immense beds of coal with which to melt out this huge body of material wealth. Outside of the locations and developments made by the expedition, nothing of consequence has been done in this Iron region, save by the Great Western Iron Manufacturing Company. That organization own a small Furnace about four miles from Iron mountain. The Company have manufactured several hundred tons of castings for the Pioche market, and are now repairing their Furnace, preparatory to making the castings required in the construction of a large Furnace to be erected by them next season."

BY - LAWS

OF THE

GREAT WESTERN IRON MINING AND MANUFACTURING CO.

ARTICLE I.

CORPORATE POWERS.

The corporate powers of this Company shall be vested in a Board of seven Directors, who shall elect from their number a President and Vice-President.

The other officers of the Company shall be a Secretary, a Treasurer, and a General Superintendent, who shall be appointed by the Board of Directors.

ARTICLE II.

ELECTION OF DIRECTORS.

On the first Tuesday in September of each year, a general meeting of the Stockholders shall be held in Iron City, Iron County, Utah, for the purpose of electing seven Directors, whose term of office shall be for one year, or until their successors are elected and qualified.

ARTICLE III.

DUTIES OF DIRECTORS.

The Directors shall fill all vacancies that may occur in the Board, pending the next regular election; and shall have power to appoint and remove, at discretion, all other officers, agents, and employèes of the Company, prescribe their duties, fix their compensation, and require from them security for their faithful services, when they shall deem it necessary.

The Directors shall cause to be kept a complete record of all their business proceedings, and of all the business done at all regular meetings of the Stockholders, and a full and complete report of the assets and liabilities of the Company.

The Board of Directors shall hold regular meetings on the first Monday in September and March of each year. The majority of said Board shall constitute a quorum for the transaction of business; and in the absence of the President and Vice-President, the Board may elect a chairman, who shall be

President *pro tem*. Special meetings of the Board may be held at the call of the President or Vice-President, or of any two members of the Board. The business of such special meeting shall be stated in notices therefor.

The Directors shall have power to declare dividends out of any surplus profits, annually, and oftener if they should deem it expedient; to incur such indebtedness as they may deem necessary, and to authorize the execution, by the President, of any note or obligation of such indebtedness. They shall have the general supervision of all the acts of the officers and employèes of the Company, and shall require the Secretary and Treasurer to keep accurate books and accounts.

ARTICLE IV.

DUTIES OF THE PRESIDENT.

It shall be the duty of the President to preside over all meetings of the Board, or of the Stockholders; enforce an observance of the by-laws of the Company. He shall sign, as President, all certificates of stock, and contracts, and other instruments of writing. He shall draw all checks and warrants upon the Treasurer, and shall attend to the executive business, under the general direction of the Board, and be *ex-officio* a member of all Committees. He shall have the casting vote at all meetings of the Board. He shall call special meetings of the Board of Directors, or Stockholders, at his discretion, when he deems it necessary for the interest of the Company to do so; and generally discharge such other duties as may be required of him by the by-laws of the Company.

In the absence of the President the Vice-President shall perform the duties of President.

ARTICLE V.

DUTIES OF THE TREASURER.

It shall be the duty of the Treasurer to receipt for and keep safely all moneys, notes, bonds and obligations belonging to the Company, and disburse, under direction of the Board of Directors, on warrants signed by the President and Secretary. He shall submit to the Board of Directors, on or before the 10th day of August, annually, and oftener if required, a complete statement of his accounts, with proper vouchers, and shall discharge such other duties as may be prescribed by the Board of Directors.

ARTICLE VI.

DUTIES OF THE SECRETARY.

It shall be the duty of the Secretary to keep a record of all the meetings of the Board of Directors, and of the Stockholders. He shall keep the book of blank certificates of stock, shall fill up and countersign all the certificates issued, and make the corresponding entries on the margin of the stock book, on such issuance. He shall keep a stock ledger, in due form, showing the number of shares issued to and transferred by any Stockholder, and the date of such issuance and transfer. He shall have charge of the corporate seal, and affix the same to all instruments requiring a seal. He shall keep,

in the manner prescribed by the Board of Directors, a complete summary of all the accounts of the Company, and shall discharge such other duties pertaining to his office as shall be prescribed by the Board of Directors.

ARTICLE VII.

DUTIES OF GENERAL SUPERINTENDENT.

The General Superintendent shall reside at Iron City, Iron County. He shall receipt for and have charge of all the property belonging to the Company, and control and direct all labor and business of the Company, under direction of the Board of Directors. He shall make monthly returns to the Secretary of all persons employed by the Company, with the amount of their wages, and a statement of all expenditures, accompanying the same, with the necessary vouchers. He shall also render a similar statement of Iron, Coal and other ores extracted and forwarded, with manufactured material disposed of and on hand, and report the general condition of the entire work belonging to the Company.

When funds are required he shall make requisition upon the Board of Directors therefor, stating the object for which said funds are needed. If approved, the moneys shall be transmitted to him in such manner as said Board shall direct. Or he may provide funds by the sale of Iron, Coal, or other property, as may be authorized by the Board of Directors.

ARTICLE VIII.

It shall be the duty of all officers and agents of the Company to pay to the Treasurer, without delay, all moneys received by them belonging to the Company, to file vouchers with the Secretary monthly of all their official transactions during the month, which vouchers, countersigned by the President, shall authorize the Secretary to enter the same on the Company's books.

ARTICLE IX.

FISCAL YEAR.

The fiscal year shall commence on the first day of August and end on the thirty-first day of July in each year. The General Superintendent and all agents and officers of the Company, shall furnish the Secretary full and complete accounts of all their business transactions within ten days thereafter, accompanied with vouchers, which shall be filed in the Secretary's office.

ARTICLE X.

TRANSFER OF STOCK.

Shares in the Company may be transferred at any time by the holders thereof, or by their legal representatives. The transfer shall be made by endorsement on the certificate of stock and surrender of the same; provided, that such transfer shall not be valid, except between the parties thereto, until the same shall have been noted in proper form on the stock ledger of the Company. The surrendered certificate shall be canceled by the Secretary before a new one is issued in lieu thereof, the Secretary filing the certificate so cancelled as a voucher.

ARTICLE XI.

The capital stock of this Company may be increased by a two-thirds vote of the entire stock, at any meeting of the stockholders called for that purpose. Thirty days' notice thereof shall be given by advertising in one or more newspapers having general circulation in Utah Territory. Representation by proxy, duly certified, shall be deemed admissible.

ARTICLE XII.

At all corporate meetings each Stockholder shall be entitled to as many votes as he holds shares of capital stock.

ARTICLE XIII.

The books and papers in the office of the Secretary and Treasurer shall be at all times, during business hours, subject to the inspection of the Board of Directors, and of any Stockholder.

ARTICLE XIV.

The individual property of the Stockholders of this corporation shall not be held liable for corporate obligations.

ARTICLE XV.

These by-laws may be altered or amended by a majority vote of the entire stock, at any meeting of the Stockholders.

APPENDIX.

The following Assays by J. Blodget Britton, of Philadelphia, arrived after the Prospectus was in press; hence are added as an Appendix for the information of the public.

THE IRON-MASTERS' LABORATORY,
No. 339 Walnut Street, Philadelphia.

Analysis completed February 27, 1874.
For the Blast Furnace Erection Co.,
Of Iron Ore marked "Blowout Mountain."
Sample sent was one piece and weighed 2lbs. 1½oz.

Examined for the following substances only:

Pure Metallic Iron,	64.52.
Sulphur,	practically none.
Phosphorus,	00.19.

J. BLODGET BRITTON.

Analysis completed February 27, 1874.
For the Blast Furnace Erection Co.,
Of Iron Ore marked "Pot Metal Mountain."
Sample sent was one piece and weighed 13oz.

Examined for the following substances only:

Pure Metallic Iron,	68.89.
Sulphur,	practically none.
Phosphorus,	00.09.

J. BLODGET BRITTON.

Analysis completed February 27, 1874.
For the Blast Furnace Erection Co.,
Of Iron Ore marked "Duncan Ledge."
Sample sent was one piece and weighed 4lbs. ½oz.

Examined for the following substances only:

Pure Metallic Iron,	66.96.
Sulphur,	practically none.
Phosphorus,	00.12.

J. BLODGET BRITTON.

Analysis completed March 3, 1874.

For the Great Western Iron Mining and Manufacturing Co.,
Of Iron Ore marked "Chesapeak Mountain."

Sample sent was one piece and weighed 2lbs. 2½oz.

Examined for the following substances only :

Pure Metallic Iron,	67.48.
Sulphur,	practically none
Phosphorus,	00.09.

J. BLODGET BRITTON.

Analysis completed March 3, 1874.

For the Great Western Iron Mining and Manufacturing Co.,
Of Iron Ore marked "Brown Hematite," but a Magnetic Ore.

Sample sent was one piece and weighed 9¼oz.

Examined for the following substances only.

Pure Metallic Iron,	52.18.
Sulphur,	practically none.
Phosphorus,	00.12.

J. BLODGET BRITTON.

Analysis completed February 28, 1874.

For the Blast Furnace Erection Co.,
Of Utah Limestone.

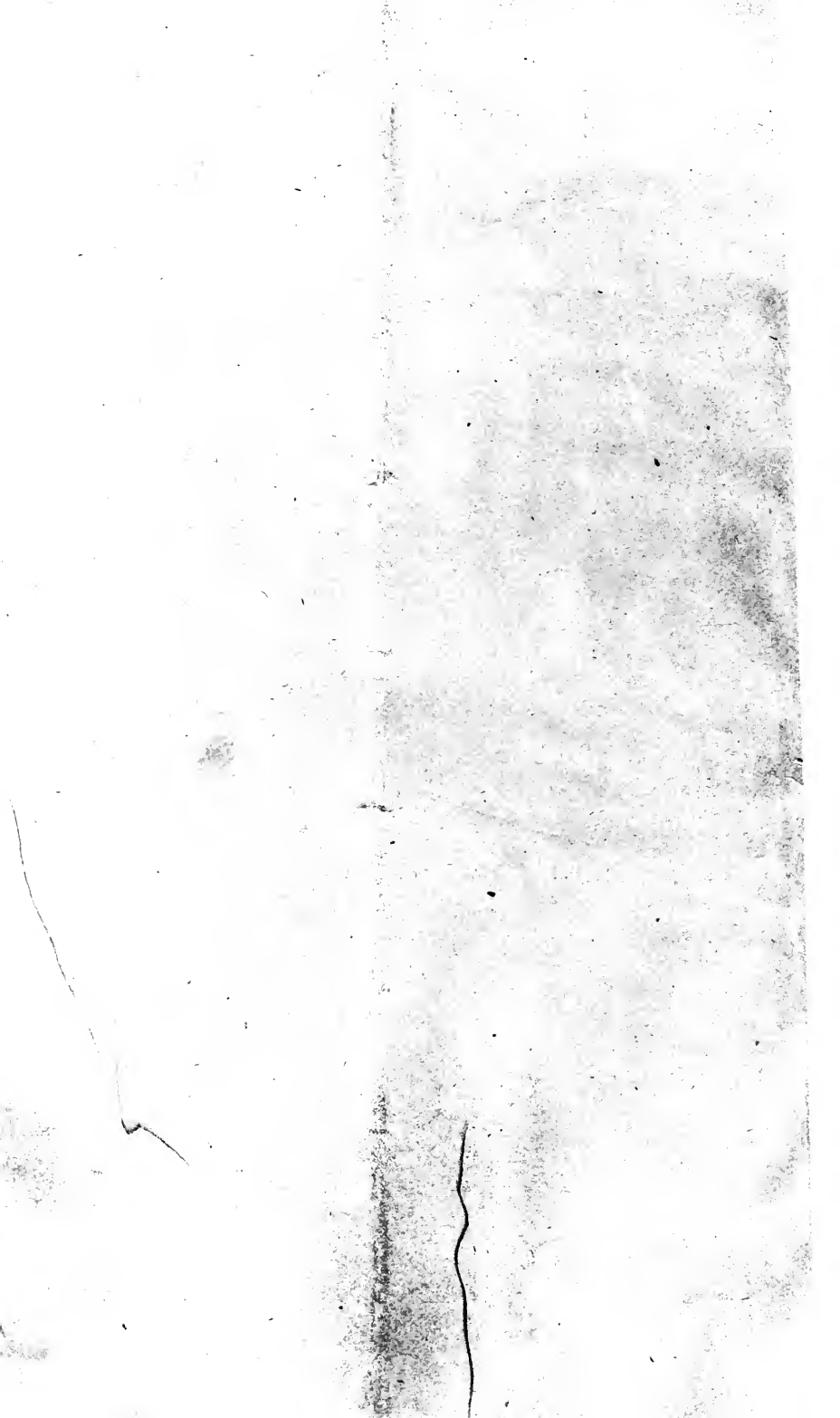
Sample sent was one piece and weighed 1 lb. 11½oz.

Examined for the following substances only :

Carbonate of Lime,	80.35.
Insoluble Silicious Matter.	10.92.

J. BLODGET BRITTON.





Pat. 2,320
GAYLAMOUNT
PAMPHLET BINDER



Manufactured by
GAYLORD BROS. Inc.
Syracuse, N. Y.
Stockton, Calif.

