VENTILATION—PURE AIR.

Sherringham's Ventilator, for the admission of pure air through an EXTERNAL WALL.

With single pulley, from 8s. each; with leading pulley, from 9s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the chill and draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the room is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, late Hannis-turners, 139, Blackfriars-road, and 117, Union-street, Borough; and all respectable ironmongers, builders, &c.

NOIRSAM'S VENTILATING GRATES

and STOVES.—A long sought-for desideratum attained. Street Door by Post, numbers of testimonials, Office of Air in Chimneys and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire place.

The Proprietors solicit the attention of the public and scientific men to the patent apparatus—the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices, from Two Guineas upwards. S. KIDD, Agent.

TO INVALIDS.

GAS STOVES for BED-ROOMS.—The

superior advantages of these stoves are, that any desired temperature can be obtained, day and night, without the least attention, and perfectly free from dust or dirt; the products of combustion can also be taken out of the room and ventilation effected, leaving only a genial warm atmosphere.

CHARLES RICKETTS, Manufacturer, 3, Arayle-street, Strand, opposite Charing-cross Hospital.

PRIZE MEDAL for STOVES. — The

ARNOTT'S STOVES, exhibited by F. EDWARDS, were the only close stoves to which a Prize Medal was awarded. The attention of architects and others is particularly invited to the Arnott Stove as being by far the cheapest and most efficient method of warming that can be adopted. The Stove is made in upwards of forty different patterns and sizes, suitable for churches, public buildings, halls, and private apartments, &c. Prices from 3l. 3s. to 30l., and upwards. A prospectus, with full particulars sent on application. Dr. Arnott's new plan of warming by hot water by means of his Hot Water Stove has most fully succeeded in the various instances in which it has been adopted, and is recommended to the Public as being truly efficient and serviceable. F. Edwards is prepared to give Estimates for the various plans of heating by hot water, hot air, or by Arnott's Stove, and he can answer for the success of any plan suggested by him by reference to the numerous buildings where he has already put them in operation.

F. EDWARDS, General Stove and Range Manufacturer, 48, Poland-street, Oxford-street, London.

STOVES, RANGES, GAS FITTINGS, &c.

BENETFINK and COMPANY defy competition in the above articles, if durability, combined with elegance of design, is deemed to be the test of cheapness.

B. and Co. especially call the attention of Architects and Builders to their house, as they are admitted to have the largest and best selected stock of STOVES, RANGES, and GAS FITTINGS in the kingdom. Their stock contains Regulator's Patent Register Stoves, patent hemispherical ditto, patent solar ditto, and patent pyramidic ditto; the unrivalled Derby Kitchen Range, and every description of cooking apparatus. As a proof of their ability to furnish the manner in the cottage they submit the following scale of prices:—

Fine cast black Register Stove, 2 feet wide, from 15s. to 18l.
Highly finished Drawing-room Stoves, from 6l. to 20 guineas.
Cottage Ranges, with boiler and self-acting oven, from 3l.
Improved Kitchen Ranges, with boiler, self-acting oven, and bright fittings, from 3l.
Very strong Kitchen Ranges, with self-acting oven, best wrought-iron steam boiler, bright fittings, and bright spit racks, from 15s. to 18 guineas.
Bright, water slide, gas Chandeliers, from 20s.
3 light ditto ditto, from 1l. to 18 guineas.
NOTE THE ADDRESS—BENETFINK and COMPANY, 99 and 99, CHEAPSIDE, LONDON.

TO BUILDERS CARPENTERS AND OTHERS

BENJAMIN WALMSLEY, IRON-

MONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER, 139 and 137, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholders, bell-hangers, smiths, wheelwrights, &c., at Wholesale prices:—

Best Cast Sheet Flooring Brads, 11s. 6d. per cwt.

Best Cut Clasp	1½	1¾	2	2½	3 in.
and Nose	1 in. 6d.	1s.	1s.	1s.	1s. per cwt.

Cast Lath, 9s. 6d. per cwt.; Sash Weights, 3s. per cwt.
Sash Pulleys, 6s. per gross.
Cast Butts, per dozen, 3-in.—6-in., 10d.; 7-in., 1s. 3d.; 8-in., 1s. 6d.

Iron Rain-water pipe	3 in. 8d.	3½ in. 10d.	4 in. to 1d. per yard.
Half Round Gutter	3 in. 7½d.	4 in. 9½d.	5 in. "
O G Gutter	4 in. 11d.	5 in. 1s.	6 in. 6d. "

Air Bricks, 3s. 6d. per dozen. Hooping for Band, 8s. 6d. per cwt.
Dr. Arnott's Ventilators, 4s. 6d. each.
9-ft. Self-Acting Cottage Ranges, with Oven and Boiler, 16s. each
9-ft. ditto, with Wrought Bars and Bright Fittings, 20s. each.
Register Stoves, with Double Backs, 3d. per inch.
Elliptic Stoves, with Double Backs, 4½d. per inch.
Bright Register Stoves, with Two Sets of Bars, from 1l. each.
An excellent variety of Black and Bright Register Stoves kept ready for use at all prices, to which the attention of architects and builders is respectfully invited.
A large assortment of Rim, Mortice, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive Stock of neat and elegant Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.
Finger Plates, Levers, and Bell pulls en suite.
Bar, Hoop, Sheet and Rod Iron, and Spring Steel.
The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade consuming ironmongery can here be served their regular wholesale prices.
WALMSLEY'S, 139 and 137, LONDON-ROAD, SOUTH-WARK, six doors from the Obelisk.

BRITANNIA NAIL WAREHOUSE, 44,

FARRINGDON-STREET.—A. O. PRICE supplies Builders, &c. at the following low prices:—

Fine Britannia Cut	4½d.	6d.	7d.	8d.	10d.	12d. per cwt
Clasp and Nose	1 in.	1¼	1½	1¾	2	3 inch.

Sheet Flooring Brads, 3 inch, 9s. inch, 9 inch—11s. 6d. per cwt.
Fine Cut Lath, 12s. 6d.; Cast ditto, 9s. 6d. per cwt.

Self-acting Oven and Boiler Ranges	20s.	22s.	24s.
Half ditto, with Wrought Bar, and Bright Fittings	14s.	16s.	18s.

Strong Double Back Elliptics, 3½d. per inch; Ditto Registers, 5d. per inch.

Rain Water Pipe	3d.	3½d.	4s. per yard
Half-round Guttering	3d.	O G ditto	4½d. 5d. per yard.

Air Bricks, 3s. 3d. per dozen. Sash Weights, 3s. per cwt.
Rim Locks, 4 inch, 7 bolt, patent spindles, 17s. 6d. per dozen.
Mortice Locks, 4 and 6 inch, improved with patent spindles, 12s. per dozen.

Patent Sash Line	3s. 6d.	5s. 6d.	10s. 6d.	per gross.
Cast Butt Hinges	No. 3 1d.	4 1½	5 2	per dozen.
Frame Pulleys	6d.	7½.	per gross.	
	1½ inch.			

An extensive assortment of "Chubb's" and "Buffalo" Lock Furniture. Terms, Net Cash.

GREAT EXHIBITION. — DRAWING-

ROOM GRATES and FENDERS to which the GREAT or COUNCIL MEDAL was AWARDED

J. L. BENHAM and SONS beg to intimate that those beautiful Stoves and Fenders which were so generally admired for their artistic design and elaborate workmanship, are now in store at their ESTABLISHMENT, 74, WIGMORE-STREET, and respectfully invite ARCHITECTS and Others engaged in Building to inspect them there.

WARM AIR STOVES for CHURCHES, HALLS &c. &c., adapted to consumption, ornamental in design, and thoroughly effective, of various sizes and prices.

J. L. BENHAM and SONS' MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE.

PRIZE MEDAL for COOKING

APPARATUS awarded to J. L. BENHAM and SONS.

The IMPROVED FAMILY RANGE will roast, boil, bake, fry, &c. &c., for a large family, with an average consumption of only 30 lbs. of coal per day. It has no open fire, is perfectly simple, and of moderate cost.

Specimens of these excellent and economical Ranges are also of the most improved Heating Stoves, Hot Closet, Hot Plate, Grates, &c. &c., may be fully examined in 40, 41, 42, & 43, WIGMORE-STREET, and at the GREAT EXHIBITION, and KNOW-HOW'S Close Cooking Apparatus is daily in operation.

J. L. BENHAM and SONS, Stove, Range, and Bath Manufacturers, Hot-water and Gas Engineers, &c., 19, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 130, Shoreditch.

Improved Self-acting Cottage Ranges, with Oven and Boiler	2ft. 10s.	2½ 20s.	3ft. 30s.	3½ inch 35s.
Best Self-acting Ranges, with Oven and Back Boiler, Bright Wrought Bars	2ft. 30s.	2½ 35s.	3ft. 40s.	3½ inch 45s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 3½d.
Register Stoves, with Solid Bars, per inch, 6d. Best Solar ditto, with Fine Brick Back, per inch, 10d.
Bright Stoves, with Two Pipes, 30s. to 100s. each.

Cast Rain-water Pipe	3 in. 8d.	3½ 10d.	4 inch. 1s. per yard.

Cast Gutters—4 inch, 8d. per yard.

O. G Gutters	4 in. 11d.	4½ inch. 1s. per yard.	
Best Cut Clasp and Nose	1½ 1s. 6d.	1¾ 1s. 6d.	2 3s. 6d. 3 inch. 10s. 6d. 10s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 12s. 6d. Cast Lath, 9s. 6d.
3 inch 3-Bolt Bed, Ward and Mortice, with best Furniture and Patent Spindles 8s. 6d. Light Elliptic and Register Metal, 12s. per cwt.
Hot Water Pipes, 8s. 6d. per cwt.
Dr Arnott's Ventilators, 5s. each.
An extensive stock of bar, rod, hoop, and sheet Iron.
Clark and Hunt's Improved Glass Paper.

TO BUILDERS CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.

Elliptic Stoves, double backs,
2½d per inch, and upwards.
Register Stoves, 4½d. 5d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—

3 ft., 2l. 14s.;	3 ft. 6 in., 2l. 2s.;	4 ft., 2l. 15s.		
3-feet Cottage Ranges, with ovens and boilers, 12s. each.				
3-feet self-acting ditto, ditto, 16s. each.				

Air Bricks, 3s. 3d. per doz.
1-inch Cut Lath Nails, 1s. 6d. per cwt.

Best Patent Cut Clasp.

1½	1¾	2	2½	3 Inch and larger.
1s. 6d.	1s. 6d.	1s. 6d.	1s. 6d.	1s. 6d. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glue, 2s. Ditto, Scotch, 2s. per cwt.

Best Patent Sash Line

1	2	3	4	5
4s.	4s. 6d.	5s. 6d.	7s.	10s. 6d. per gross.

List of Prices had on application at this Warehouse, or by letter prepaid.

A PRIZE MEDAL for SUPERIOR

LOCKS was awarded to J. H. BOOBBYER at the Great Exhibition of 1851.

J. H. BOOBBYER and Co. (late Storrs and Boobbyer), Iron-mongery, Brass Foundry, Bell and Tool Warehouse, 14, Shaftesbury-street, Cave-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

Fine Cut Clasp and Nose.

1¼ in. 6d.	1½ 6d.	1¾ in. 6d.	2 in. 6d.	2½ in. 6d.	3 in. per cwt.
1½	1¾	2	2½	3	3½ inch.

Best Bright Tower Bolts.

4s. 3d.	5s. 7d.	8s. 3d.	9s. 6d.	per dozen.
5	6	7	8	inch.

Best Patent Sash Line.

4s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.
No. 1	2	3	4	5	6

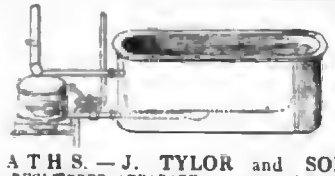
Cast Lath Nails, 10s. per cwt. Air Bricks, 3s. 3d. per dozen.
10s. ARNOTT'S VENTILATORS.

10 by 8 inches			3s. each.
14 by 9			4s. "

An assortment in Brass, Bronzed, Gilt, &c.

An extensive stock of Mortice Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, ebony, buffalo horn, brass, &c., with Finger-plates, Bell-pulls, and Levers en suite.

J. H. and Co. are the inventors of PIFFING'S BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 30s years, for the supply of goods from the best manufactories at the lowest prices.



BATHS.—J. TYLOR and SON'S

REGISTERED APPARATUS, consisting of Copper or Galvanised Iron Bath (Japanned in imitation of woods or marble) in Iron Frame complete, with Copper Circulating Boiler and Cock with Index-plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of bricklayer or carpenter. A warm bath can be ready for use in less than half an hour, at the cost of 2d. for fuel. Price 10 guineas.—Apply to the Ironmongers and Plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

PATENT WROUGHT NAILS.—These

NAILS are submitted to the notice of Builders, Contractors, and Ship builders, as being superior to any others and cheaper. They have the toughness of the best hand-made nails, with the greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used; being perfectly ribbed pounded, they require no boring, and will drive into the hardest wood without splitting it, and their heads being very strong do not dy off. The patent wrought nails may be had of all ironmongers. A stock of them is kept at the warehouses of the agents, HIPPOS and GEORGE, Wholesale Ironmongers, 179, Borough, London.

WARMING and VENTILATING.—

Churches, Conservatories, Hot-houses, &c., heated by means of their WATER apparatus, fitted with most efficient and simple self-regulating through the night, and requiring no brick-work. Also, the THERMATERION, a simple and improved Warming Apparatus, that is especially adapted for building in cottages, &c. Estimates and Plans gratuitously.—Apply to SPILLER and TAYLER, Engineers, Battersea.

WARMING by HOT WATER.—

J. WEEKS and CO., King's-road, Chelsea.—A great variety of plain and ornamental apparatuses, consisting of Pedestals, and Stacks of Pipes for warming Churches, Mansions, Warehouses, Hothouses, Drying rooms, Conservatories, &c. &c.—In addition to an extensive operation on our Premises at Chelsea, and also at 32, STOCKEN'S extensive carriage repository, Halkin-street, Hyde-park-corner.

HOT-WATER APPARATUS.—The

attention of architects, builders, and others is respectfully requested to BENJAMIN EDWARDS'S superior method of heating churches and chapels, hothouses, manufactories, forcing and grape houses, dwelling-houses and warehouses, kilns, tanners' drying stoves, &c., and every analogous purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, and their willingness to vouch for their efficiency.

BENJAMIN EDWARDS, late of 61, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

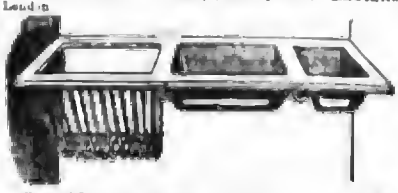
CAST-IRON PIPES, IRON WORK FOR OVENS &c.

RAIN PIPES, &c.—F. A. TIDDEMAN

and Co., St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c. half or three-quarter round O.G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts. Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

PRIZE MEDAL of the Great Exhibition.

CUTTAM and HALLEN, 8, Wimsley-street, Oxford-street, London.



ENAMELLED MANGERS and STABLE FITMENTS. Registered. Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any infection by enamel, are some of the improvements in these fittings.—No pores of food lodge, re-dried in 6 hours.—CUTTAM and HALLEN, 8, Wimsley-street, Oxford-street, London.

COLLINGE'S PATENT HINGES.—Sole

Manufacturers, CHARLES COLLINGE and CO., 64 and 66, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coachhouse, and other gates and doors of large and small dimensions. A gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges, adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Rising and door-to-closing spring hinges, and superior gate fastenings, at manufacturers' prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought iron work, for building and other purposes. Engines, machinery, patent sale-irons, sugar-mills, &c.

FOUNDRY AND IRON WORKS,

66, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam engines; Range and Hot-plate Metal. An improved Boot Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O.G. Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

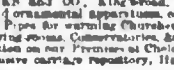
Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Book-safes and Strong Rooms, Tanks and Boilers, and every description of Ironwork to specifications, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS,
100, DRURY-LANE, and CHARLES-STREET.

IRON HURDLES.—Great Reduction.—

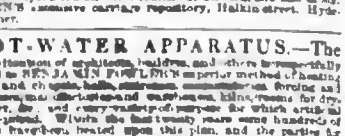
For Sheep, 5 ft. long, 3 ft. above ground, five bars, 2s. 6d. each.
For Cattle, ditto 6 ft. 3 in. ditto 3s. 6d. each.
Strained Wire Fence, 3 ft. 6 in. ditto, six wires, standards, 9 ft. apart ..... to 1d. per yard.
Ditto with Extra Strong Standards ..... to 2d. per yard.
Wove wire netting for excluding hares, rabbits, poultry, &c., of various widths, 1d. per square foot and upwards; wrought and cast-iron palisading, gates, and ornamental garden fences, of every variety, iron and lead hand brushers, with iron frame and hopper, brass bedplate, and regulating screw, 4l. each. Chaff engines, best construction, metallic framing, and fly-wheel, with two knives, to cut sixteen bushels per hour, 4l. each. Oat-bruisers, stands, and other agricultural wheel-carts, &c.

STEPHENSON and PEEL, 61, Gracechurch-street, City; and at the Manufactory, 17, New Park-street, Southwark.



PITT'S PATENT SELF-ADJUSTING

DOOR KNOBS AND LOOSE SPINDLES



HART and SONS beg to invite the attention of architects, builders, and others, to their Door Furniture, mounted for PITT'S PATENT SELF-ADJUSTING DOOR KNOBS. The Knobs are stronger, more durable, and more elegant in form, than those in ordinary use, as the spindles, being loose, do not require the objectionable side screw. They are more readily fixed, are suitable for every description of lock now in use, and, as they adjust themselves to doors of different thicknesses, without alteration, are particularly adapted for the country or for exportation.

In addition to an extensive stock of door furniture in china, crystal, amber, and opal glass, buffalo horn, ivory, ebony, brass, &c., en suite, with finger-plates, bell-pulls, and levers, new patterns of original design are constantly being added, and an order either to sketch or pattern supplied very promptly. A single one, for example, in three days, and a more elaborate one in less than a week.—May be obtained through any ironmonger, or direct from the proprietors and sole manufacturers, HART and SONS, Wholesale Ironmongers, 33, 34, 35, Wych-street, Strand, London.

A list of prices sent on application.