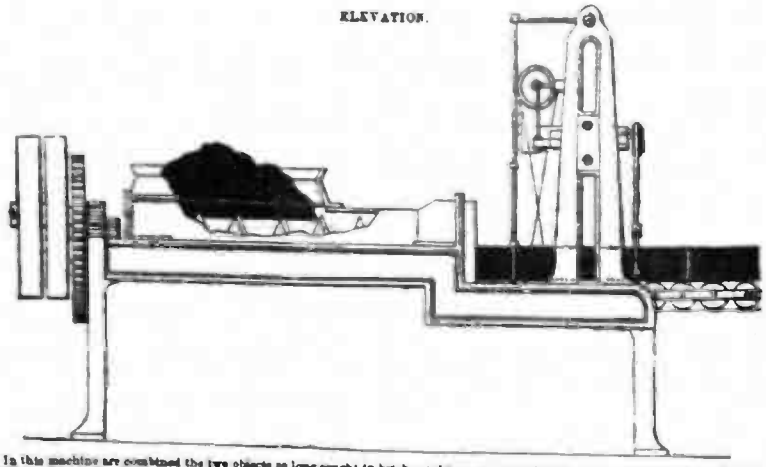
RANDELL AND SAUNDERS'S PATENT MACHINE,

FOR THE

IMPROVED MANUFACTURE OF BRICKS, TILES, & PIPES.

ELEVATION.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks, for sewage purposes, which make a drain of much greater strength than the stoneware or redware pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

When worked with two-horse power, the machine will produce 1,000 bricks, or 1,500 3-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For prices and further particulars apply to RANDELL and SAUNDERS, Bath; or to CHARLES JOHN CARR and COMPANY, Engineers, Belper, Derby.

IRON ROOF WORKS.

By Royal Letters Patent.

JOHN WALKER, SON OF THE PATENTEE, GENERAL CONTRACTOR,

Having extended his means for executing Orders, and Contracts for

CORRUGATED IRON BUILDINGS AND ROOFS,

Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c.

Merchants are invited to ascertain his Prices for Shipping Orders. The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated. References to Firms of the first class.

FIRE-PROOF FLOORING.

The earnest attention of ARCHITECTS, ENGINEERS, &c. &c. is called to a particularly economical mode of erecting Fire-proof Floors capable of sustaining great weight, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained at the Offices.

63, GRACECHURCH-STREET, LONDON.

THE PATENT GALVANIZED IRON.

TUPPER and CARR,

Owners of Crawford's Patents, and Successors to

THE GALVANIZED IRON COMPANY,

Supply patent Galvanized Sheets, plain or corrugated, for roofing, Gas Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—MILLWALL and BIRMINGHAM.

LONDON OFFICE, 8, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Southwark.

JOHN H. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas works, warehouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

LONDON—Office, 34, Cornhill.

THE PATENT

GALVANIZING and CORRUGATING IRON COMPANY.

JOHN SYMONDS and Co., Managers.

The Company having made considerable improvements in the mode of working CRAUFURD'S PATENTS, and being able to galvanize larger work than was formerly practicable, they are in a position to execute orders to any extent, in a manner hitherto unequalled, and respectfully solicit the favours of Builders, contractors, and others.

OF HAND, sheets, plain or corrugated, for iron houses, sheds, railway stations, &c.—dried to order, if required. Wire, piping, guttering, &c., for house use and exportation.

N.B.—Goods to be galvanized, sent for and returned free of charge, within three miles of the Tower; and all light goods received by Nine o'clock will be returned the same day, if required.

OFFICES—12, CIRCUS, MINORIES.

WORKS—GLASS-HOUSE YARD, opposite the London Docks.

*** A discount allowed to the trade.

LEGAL AND OTHER IMPORTANT DOCUMENTS CAN BE EFFECTUALLY PROTECTED FROM DAMP AND VERMIN.

DAMP and GASEOUS EXHALATIONS.

SANITARY MEASURE.

MEMBERS of BOARDS of HEALTH are especially DIRECTED to the most EFFECTIVE MEANS which they can ADOPT to PREVENT the injurious and often FATAL EFFECTS upon the HEALTH of the COMMUNITY, arising from exhalations that are produced from moisture decayed animal matter (as in graveyards), stagnant water, and collections of foul refuse, tending to produce a miasmatic state of atmosphere. In situations so affected, the impervious quality of the ASPHALTE of SEYSSEL renders it the most perfect PAVEMENT or COVERING that can be relied upon for hermetically closing, and thereby preventing the rising of moisture and the escape of noxious vapours. The present extensive application of this material for covering roofs, terraces, and arches, for preventing the percolation of wet, is strong evidence of its efficacy for the above purposes.

T. BARRELL, Secretary.

SEYSSEL ASPHALTE COMPANY,

Stangate, near Westminster-bridge, London.

*** The exclusive supply of ASPHALTE from the MINES of PIERMONT SEYSSEL is conceded to this COMPANY.

REDUCED PRICES.—EDWARD SIMMS (late William Cleaver), of Wilton-road, Pimlico Basin, begs to acquaint Builders and the Trade that he has now on hand, at his Manufactory (the first of its kind ever established), a very large Assortment of Dry and Well-seasoned OAK and DEAL PREPARED FLOORING BOARDS and MATCH BOARDING of all sorts, from ¼ inch to 1½ inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also, Timber, Deals, Oak Planks, Scantlings, Sash Sills, Mouldings prepared by Machinery, Laths, &c.—Apply at E. SIMMS'S (late W. Cleaver's) Flooring Manufactory, Wilton-road, Pimlico Basin.

T. ADAMS, MAHOGANY and TIMBER MERCHANT, Bermondsey New-road, near the Brick-layers' Arms, ten minutes' walk from the London-bridge Station, will forward, upon application, his REDUCED LIST of the PRICES for SEASONED FLOORING MATCHED BOARD, Deals, and Timber, either whole or cut into any thickness and scantling, &c. Also, the drawing of the Patterns of MOULDINGS, on receipt of two postage stamps.—T. A. continues to offer all the advantages as stated in his previous advertisements.

PREPARED FLOORING.—ALFRED ROSLING begs to call the attention of Builders and Consumers generally to his STOCK of BOARDS, prepared in the best possible manner, and fit for present use; their superiority to the floor-boards generally sold being sufficiently evinced by the greatly increased demand. A. ROSLING is in a position to offer every description of Baltic and other deals imported into this country at the lowest possible price consistent with fair trading; and begs to solicit the orders of those who have not as yet favoured him, feeling assured he can offer them advantages which they will appreciate.—Southwark-bridge Wharf, Bankside.

ENGLISH and FOREIGN TIMBER and DEALS, of any length and scantling.

Oak and Ash, from 8s. 6d. to 8s. per foot cube; Sash Sills, 3d. 4 inch Yellow or White Batten, Floor-boards, prepared, 12s. 6d. to 14s. 6d. per square. 1 inch ditto, 12s. to 17s. 6d. per square.

Yellow Deals, from 8s. 9d. to 4s. each Plank, from 12 feet per hundred.

Pantry Timber, from 32s. 6d. per load, and all other descriptions at equally low prices for cash.

Apply to Mr. MAY, 30, Lowndes-hall-street.

MOULDINGS BY MACHINERY.—ARCHBUTT and ATKINSON have just published a new and enlarged list, containing nearly 200 diagrams of Mouldings, with prices attached, lower than any ever yet offered. A copy will be forwarded on receipt of four penny postage stamps.

A. and A. have also on sale FLOORING PREPARED and PLANED to a parallel width and thickness by improved patent machinery, at greatly REDUCED PRICES, as under:—

	Per square s. d.		Per square s. d.
1-inch Yellow	16 0	1-inch White	18 0
¾-inch ditto	14 0	¾-inch ditto	14 0
½-inch ditto	13 0	½-inch ditto	12 0

1½ feet run of 1-inch boards to the square, and 180 feet run of 7-inch battens to ditto.

FOUR-PANELLED DOORS, per foot superficial:—

	Square	Moulded one side	Moulded both sides
1½-inch	6½d.	.... 5d.	.... 5½d.
1¼-inch	5½d.	.... 4d.	.... 4½d.
1-inch	7d.	.... 5d.	.... 6d.

TERMS CASH. Saint Pancras Saving, Planing, and Moulding Mills, Cambridge-street, Old Saint Pancras-road, close to the Goods Terminus of the Great Northern Railway.

MUIR'S PATENT PLANING MACHINE

SAW MILLS, GILLINGHAM-STREET, PIMLICO.

TIMBER of any size, **PLANKS, DEALS** and **BATTENS**, &c., sawn on the most approved principle, Boards, &c., prepared, matched, and grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigable and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods fetched from the docks, and carted home free of charge.

Address to HENRY BOUTHAM,

Saw Mills, Gillingham-street, Pimlico.

N.B. Estimates given for Sawing and Planing.

THE GENERAL WOOD-CUTTING COMPANY, TIMBER WHARF,

SAWING, PLANING, AND MOULDING MILLS,

Belvedere-road, Lambeth, near Waterloo-bridge,

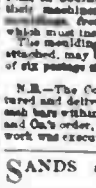
are prepared to supply timber and deals, &c., cut and sawn to any extent, at the current prices of the day. They keep a large stock of WELL-SEASONED FLOORING and MATCH BOARDS, which, being manufactured by the machine, they offer at the lowest remunerating profit. Buyers of timber, &c., from the company will find their extensive saw mills a convenience for the immediate conversion of their purchases to any purpose which may suit them.

The Company beg leave to call the attention of the trade to their NEW MOULDING LIST, the largest ever published, and to state that, in addition to the numerous patterns therein delineated, their machinery enables them to execute every description of moulding from drawings, &c., with an accuracy and despatch which must insure satisfaction.

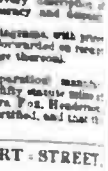
The moulding list, containing nearly 200 diagrams, with prices attached, may be had at the mills, or shall be forwarded on receipt of six postage stamps for the amount of the postage thereon.

N.B.—The Company (without previous preparation) manufactured and delivered to the Great Exhibition fifty cement tubes in each bare within ten days after receiving Messrs. Fox, Henderson and Co.'s order, which them gentlemen have certified, and that the work was executed to their entire satisfaction.

SANDS and EMERY, ROBERT-STREET, BEDFORD ROW.



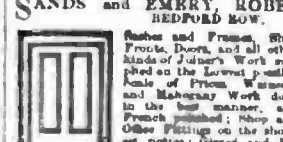
Sashes and Frames, Shop Fronts, Doors, and all other kinds of Joiner's Work supplied on the Lowest possible Scale of Prices. Wainscot and Mahogany Work done in the best manner, and French polished; Shop and Office Fittings on the shortest notice; Glazed and Polished Goods securely Packed for the Country.



By inclosing a postage stamp, a full List of Prices will be returned.

Mr. late THOMAS WARD, SASH and SHOP FRONT MANUFACTURER and JOINER to the TRADE, 199, Upper Whitecross-street, St. Luke's.

Established 1820.

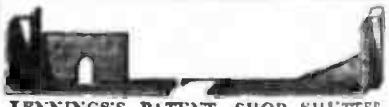


Upwards of 30 years' unsoiled down stock.

Workmanship as Materials of the best description.

Estimates given for every description of work.

By enclosing a postage stamp a full list of Prices will be returned.



JENNINGS'S PATENT SHOP SHUTTER, SHOE and FASTENER costs HALF the PRICE of the usually SHUTTER BAR.

May be had from any Ironmonger, or from the Patentee, GEORGE JENNINGS, 39, Great Charlotte-street, Blackfriars-road.

TARPAULINS FOR COVERING ROOFS during Repairs, SCAFFOLD CORD, and every description of ROPE used by Builders upon the lowest terms. Marquees and temporary Awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 113, Fore-street, City, Manufacturer, by appointment, to her Majesty's Honourable Board of Ordnance.

PRIZE MEDAL, CLASS 32.

HIGH-PRESSURE VALVE COCKS.—LAMBERT'S PATENT.

These Cocks have, during the last five years, been extensively and most successfully used in many Towns under continuous high pressure, varying from 150 to 250 feet; their efficiency and durability is by experience established.

The Equilibrium Ball-valve is simple and certain in its action, and is cheaper than the common Cocks now in use.

Enamelled iron, self-acting, and other closets, upon economical arrangements, suitable for public buildings, cottages, asylums, &c.

THOMAS LAMBERT and SON,

Brass and Iron Founders, Short-street, New-cut, Lambeth.

TO WATER-COMPANIES AND PLUMBERS.

HIGH-PRESSURE COCKS and CLOSETS.

The Health of Towns Commissioners having recommended the adoption of the high pressure principle in all towns, WARNER'S HIGH-PRESSURE COCK is recommended as a Cock free from leakage, and applicable for all purposes and situations. Patent Closets and Basins with supply-valve for attaching direct to main pipes without a cistern, cock, or wire.

LEAD, IRON, and TIN PIPE.

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