

THE BUILDER.

IRON BUILDING and ROOFING WORKS.

BIRMINGHAM, late of Newcastle.
JOHN H. PORTER.
 Manufacturer of the Corrugated and other kinds of Iron Roofing
 for Railway Stations, carriage sheds, Drain Buildings, gas-works,
 warehouses, factories, &c. &c.
 PATENTERS
 of the Corrugated Iron Roofs, Girders, and Fire-proof Floors
 LONDON—Office, 24, Cornhill.

THE PATENT GALVANIZED IRON.

TUPPER and CARR.
 Owners of Charles's Patents, and Inventions in
THE GALVANIZED IRON COMPANY.
 Supply patent Galvanizing Works, plates or corrugated, for roofing,
 as well as the Pipes, Castings, Wire of all ranges, Distilling,
 Hoppers, &c. Wholesale retail, and for export.
 An allowance to the trade.
MORNA REGENT'S CANAL, WHARF, LINENHOUSE, and
BIRMINGHAM.
 LONDON OFFICE, A MANHOUS BOUSE PLACE.

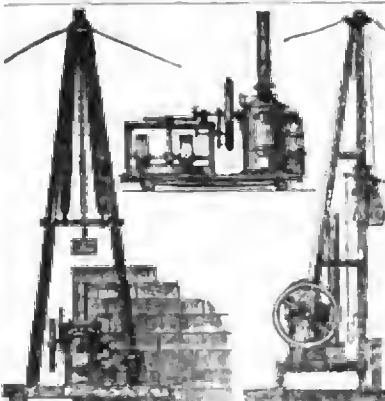
THE PATENT (IMPROVED) GALVANIZED IRON.

JOHN WYMOND and others, in the execution of merchants,
 builders, contractors, and others to the improvements they have
 made in working **GRANT'S PATENT**, by which they are
 enabled not only to preserve the toughness and ductility of the
 iron, but to supply galvanized sheet iron and wire of every descrip-
 tion superior in all respects to that produced by any other process.
 Laminated plates for iron roofs, corrugated sheets, boxes, wire for
 telegraphs, and tubes for cables, wire ropes, rivets, &c.
 Australia and elsewhere to the same extent as supplied with
**A and C PATENT GALVANIZED IRON GOLD WASH-
 ING MACHINE.**
 The Circulars containing estimates for roofs, shed complete,
 of all sizes, and every other information, forwarded on applica-
 tion.

OFFICES—12, CIRCUS, MINORIES.
 WORKS—OLD BRIDGE WARD, opposite the principal
 entrance to the docks.

MACHINERY FOR SAWING, PLANING, and

ROLLING WOODWORK.
 Messrs. **CLARKE, CHAMBERLAIN, and CO.** direct attention to the stability and
 economy of their inventions and improvements in the manufacture
 of saws. An inspection of their stock on hand is requested.



A SAVING OF TIME and MATERIALS, with

facility of building
**NATHAN GOUGH'S PATENT PORTABLE STEAM-
 ENGINES** of two, three, four, and six-horse power; for grinding
 mortar, raising building materials, driving plan, circular saws,
 pumps, &c. of Albert Street, Manchester.

TESTIMONIAL

From the Trustees of the Birkenhead Dock.
 "Engineer's Office, Lock-yard, Birkenhead, 21st July, 1851.
 "Nathan Gough, Esq.
 "I have much pleasure in informing you that the three-
 horse engine which you have placed in the Dock for pumping
 water to its purpose admirably served the work much better than
 any other one could accomplish. From its portability and light-
 ness it is peculiarly adapted for such a purpose."
 "I am, Sir, your obedient servant,
 "JAS. HERNETHY."

STEAM PUMPING ENGINES.

PATENT PORTABLE STEAM ENGINE, from four to ten
 horse power, always ready
 to let me hire, by the week or
 month, for pumping, mining,
 pile-driving, raising materi-
 als, &c. &c.
 "Wanted to take for pump-
 ing any quantity of water."
JAMES HUTTON & SONS,
 Engineers and Contractors,
 John's Place, Holland-street,
 Bury-street, London.

CHURCH and TURRET BELLS.

EXHIBITION PRIZE
 MEDAL granted by
J. WARNER and SONS,
BELL FOUNDERS and
ENGINEERS.
 They are prepared to construct for
 the supply of
CHURCH BELLS
 of any weight or size, and of
 the quality of superior tone, and
 perfectly true, cracked bells recast,
 &c. &c.



MUSICAL HAND BELLS.

Clash, from their Centre, and
 every other description of bells
 kept in stock.
 All bells taken in exchange.

BLAKE and PARKIN, MEADOW WORKS.

SHEFFIELD, MANUFACTURERS OF CIRCULAR and
**MILL SAWS, IMPROVED CAST-
 IRON PILES**, for the use of en-
 gines and machinery, **PATENT**
PUMPING MACHINE KNIVES and
PISTONS, manufactured for steam
 and fire engines, and for cutting paper,
 iron, stone, leather, &c. made in any
 size, or of any material, to the utmost
 perfection. Warranted to work with
 the least friction, and to last any
 length of time.
INVENTORS OF CORLEA'S
SAVED CAST-IRON, for iron
 pipes, &c. &c. **GREEN'S**
**RAILWAY BRIDGES, BRIDGES, SHEAR, and CAST-
 IRON,** &c.

FARM and GARDEN PUMPS.

WARRANTED PATENT CAST-IRON PUMPS,
 for the use of FARM, OUTHOUSES, MARKET TANNERS,
 and ALL WELLS.
 Patent Pump with 10 feet of lead
 pipe attached, and built and put
 ready for fixing..... £ 10 0
 Larger sizes as required.

To obtain more particulars of the Gold
 Medal Pump, and of the most im-
 proved, durable, and cheapest pump hitherto
 introduced.
 May be obtained of any Ironmonger or
 Plumber in town or country, or of the
 Patentees and Manufacturers,
JOHN WARNER and SONS,
3, CHESEXET, JEWIN-STREET,
LONDON.

Every description of Machinery for raising
 Water, Fire Engines, &c.
 The usual allowance to the Trade.



FOWLER'S IMPROVED FARM and

OUTGATE PUMP.
 To be had of any Ironmonger or
 Plumber in town or country, or of the
 Patentees and Manufacturers.

PUMPS OF SUPERIOR CONSTRUCTION
 bored perfectly true by improved
 machinery, in various sizes and orna-
 mental patterns for squares and market-
 places, roads, common streets, fairs,
 manure, ship, large, brickmakers con-
 tainers, gold diggers, brewers, chemical
 works, and in strength and capacity
 copper and brass, for hot and cold liquors,
 &c. &c. Long barrel and hydraulic lift-
 pumps, with handles on planks; and
 engines of various powers, for wells of
 any depth.

PUMPS ON HIRE.—The largest stock
 in England of single and double pumps,
 from 4 in. to 12 in. diameter, ready for
 hire, or for sale, on power, ready for use on
 reasonable terms, at
JOHN FOWLER'S Hydraulic Engineer
 Hot water, Steam and the Apparatus Works, New Factory,
 Whitechapel, Street, FINE-ROCK.



IMPROVED REVOLVING IRON

SHUTTLES are reduced in price and are constructed in such
 a manner as to render them very useful in many cases, and
 being also **WHITE'S PATENT DOOR-FRAMES**, weather-
 tight, fire-tight, and will last by constant use, Light's Patent
 Condensers, Rank's Patent, &c. &c. **WALTER**, on Broad-street, London-
 square, London.

LOSH, WILSON, and BELL.

Manufacturers of **Kear Iron, Railway Iron, Pipes and Engines**
Work, Cast-iron Goods, and
STEWART'S PATENT CAST-IRON GULL and WATER PIPES
 Office, No. 7, Old-lane, London.

ASPHALTE—GRVASE FOOTING, Trinidad

A. Asphalt Works, London, have established 1851. Every
 description of Footing laid with the above double material on
 the best manner, Asphalt for Railway Arches, one foot
 thickness of Trinidad Asphalt.

PAVING, 2s. 9d. per SQUARE YARD.

Best quality, Foot-paths, Hall-ways, Corn Mow, Paving
 of Warehouses, and every description of Pavement laid down at
 the above low price, and the work guaranteed. Apply to **JOHN**
FILKINGTON'S POLONGAUGH MITCHELL PATENT
OFFICE, ROYALTY CHAMBERS, 11, FISH-STREET,
WILSON'S Country Agents and Railway Contractors and
Contractors supplied with the best materials for covering bridges and
arches.

TO ARCHITECTS.—Frequent complaints have

been made by ARCHITECTS and others, of the failure
 of certain works supposed to have been done by this Company
 but which in fact were executed with various materials, a list of
 all works executed with the genuine **SEYSSSEL ASPHALTE**
 is kept at the Office, that it may be at all times ascertained
 whether any work in which a failure has taken place was also
 made by the genuine **SEYSSSEL ASPHALTE**, Secretary
SEYSSSEL ASPHALTE WORKS, Mannheim, Baden.
ESTABLISHED 1830.
 N.B. The exclusive supply of Asphalt from the Mines of Fyff
 near Lyons being accorded to the Company, the Directors par-
 ticularly recommend ARCHITECTS, Builders, and others who the pur-
 pose of securing the use of the genuine article to insert in their speci-
 fications "SEYSSSEL ASPHALTE, CLARIDGE'S PATENT,"
 and not merely "Asphalte" or "Bitumen," as in many cases
 where these terms have been used, spurious and other worthless
 and inferior compositions have been introduced.
 1852.

ORSI and ARMANI'S

PATENT METALLIC LAVA,

BROWN, WHITE, AND ORNAMENTAL,
 and

SEYSSSEL ASPHALTE.

Messrs O and A, beg to inform ARCHITECTS, BUILDERS, &c. that in addition to their BROWN LAVA
 for floors, ceilings, &c. and their WHITE and ORNAMENTAL LAVA, for interiors of churches, halls, mosques,
 vestibules (and in consequence of CLARIDGE'S PATENT for SEYSSSEL ASPHALTE having expired), they are
 now ready to contract for work to any extent in GENUINE SEYSSSEL ASPHALTE, imported by them from the
 original mines of Seysel, and by their list of Prices, Architects, Builders, and Contractors will see a GREAT
 REDUCTION from those of any other material.
A GUARANTEE IS GIVEN for work executed by O. and A. for THREE YEARS, free of any expense.
 For particulars, samples, and list of prices, at the Office, 4, Guildhall-chambers, Beaufort-street, City,
 July, 1852.

N.B. It is particularly recommended to Architects, Builders, &c. by the "Asphalte Company," for the purpose
 of securing the use of the genuine article, to insert in their specifications, "Seysel Asphalt, CLARIDGE'S
 PATENT."

Messrs. ORSI and ARMANI beg to call the particular attention of Architects, Engineers, Builders, &c. that the
CLARIDGE PATENT HAVING EXPIRED, they, by inserting it in their specifications, will appear to contract a
 monopoly in favour of a single company; therefore, Messrs ORSI and ARMANI warmly advise, and would sincerely
 thank, Architects, Engineers, &c. &c. if in future they would insert in their specifications ONLY "SEYSSSEL
 ASPHALTE," WITHOUT SPECIAL MENTION OF ANY NAME OF COMPANY, PATENT, or INDIVIDUALS,
 thereby leaving Builders, Contractors, &c. at liberty to use (by their approval and consent) the best genuine
 "Seysel Asphalt,"—that one will assure to them the most efficient work GUARANTEED, and that will excite a
 good and sound workmanship with the cheapness of the price.

CHEAP and DURABLE ROOFING.

By Act of Statute's



Royal Letters Patent

F. McNEILL and CO., of LAMB'S-BUILDINGS, BUNHILL-ROW, LONDON, Manufacturers

and Sole Patentees of
THE PATENT ASPHALTED FELT, FOR ROOFING HOUSES, VERANDAHES, SHEDS, &c.,
 Patented by
HERBERTUS BOYD of Oldbury,
THE ROYAL PATENT, 18th of August,
ROYAL NOTARIAL CHAMBER, BUNHILL-ROW,

and by the most eminent members of the Royal Agricultural Society of England, Scotland, and Ireland; of whose great national
 show it has been exhibited, and OBTAINED THE PRIZE for being the best and cheapest article for Roofing; also used for under
 stone at the Royal Agricultural Society's House, by Messrs O and A, and a non-conductor of heat and sound. The Felt can be cut to any length, by all roofer
 It is impervious to rain, snow, and frost, and a non-conductor of heat and sound. The Felt can be cut to any length, by all roofer
 The price is only ONE PENNY PER SQUARE FOOT. Samples, with full directions as to the use and the manner of
 applying it, with TESTIMONIALS, some of them seven years' experience from Architects, Builders, Roofers, and Contractors,
 who have extensively used it, sent free to any part of the world, or country, by post, for covering Houses, &c. in any man-
 ner, by which a saving of about 50 per cent. in fuel is effected. THE TRADE are respectfully requested to send their orders
 DIRECT to the FACTORY, as the current mode of being supplied with the genuine article, and in order to be sent to their
 roofs. They are likewise advised to send their orders to the FACTORY, as the current mode of being supplied with the genuine
 article is made at J. McNEILL and Co's Manufacturing, LAMB'S-BUILDINGS, BUNHILL-ROW. Goods ordered with the Felt
 to be used in the Factory, also the new Vice-Chancellor's Courts, the passages and offices leading to Westminster Hall, and other
 buildings at the New House of Parliament.—A Liberal Discount allowed to the Trade.

IRON ROOF WORKS.

By Royal Letters Patent.



By Royal Letters Patent.

JOHN WALKER, SON OF THE PATENTEES, 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 Felt supplied with Corrugated Iron, Plain or Galvanized, or
 Iron Corrugated. Refer to the list of Prices.
FIRE-PROOF FLOORING.
 The constant attention of ARCHITECTS, ENGINEERS, &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 Office,
 63, GRACECHURCH-STREET, LONDON.

GLOOMY and DARK ROOMS

ILLUMINED BY THE LIGHT OF DAY,

WINDOWS SECURED AGAINST FIRE and BURGLARY,

PATENT COMBINATION REFLECTORS;

R. HESKETH, PATENTEES.

A Description, and drawings, may be had on
BOYD and CHAPMAN (late J. Boyd and Son), SOLE MANUFACTURERS,
 78, WELBECK-STREET, LONDON.