PORTABLE STEAM-ENGINE on WHEELS.—TO CONTRACTORS AND OTHERS.—TO BE SOLD or LET, a Strong, Simple, and powerful PORTABLE STEAM-ENGINE on WHEELS, suitable for dredging, sawing, threshing, or any other purpose. Apply to JENNINGS and HALL, Engineers, 66, Blackfriars-road, of whom the above may be seen at work.

STEAM SAWING MACHINERY FOR SALE.—The STEAM-ENGINES and MACHINERY for a STEAM SAW MILL, consisting of the engine, circular saw, saw-frame, with hollows, &c., saw-table, rollers, &c., with all the plans, and other drawings with saws, circular saws, tables with saws, planing, drawing, rings, bands, &c. any part of the machine can be purchased separately.—Apply to WILSON and HALL, Engineers, 66, Blackfriars-road, where the above may be seen.

CHEAP GAS FITTING and BELL-HANGING.—Public and Private Buildings fitted up with PATENT WELDED IRON TUBES for GAS, including all connections, cocks, &c. 3d. 4d. and 6d. per foot run. Bells hung in the best correct manner, with Patent Lever Compound, at 4s. per pull.
BARRATT, Gas Fitter and Bell-hanger, 7, Bishop-street, Old Kent-road.

WIRE NETTING and WINDOW BLIND MANUFACTORY. To her Majesty's Honourable Board of Ordnance, and the Honourable East India Company.—Wire Netting, 14 per square foot; galvanized ditto, requiring no paint, 3d.; Wire Blinds in mahogany frames, and hung, complete, 1s. 1d. per foot; Zinc ditto, 1s. 9d. per foot; Gratings, 9d. per foot; Mahogany, Tracery, and Window Blinds of all kinds. Old blinds repaired, repainted, and painted upon. Wire work for flower trellises, garden arches, seats, pheasantries, aviaries, and fowl-houses of every description of pattern; Fire guards, screens, stands, and every article in iron and wire, as the CITY of LONDON FIRE-WORK, IRON FENCE, and WEAVING MANUFACTORY, 76, Bishopsgate-street, and 6 and 8, Gresham-street, London. Every description of wire work or ornament, old Hatchment embossed, lacquered and gilt. Wire rabbit for rabbit-hutches, aviaries, chicken-houses and for the East and West Indies.

PATENT VULCANIZED INDIA-RUBBER TUBING, for Gas Fittings, Chemists, Druggists, Fire Engines, Manufacturers, &c.—JAMES LYE HANCOCK, the Manufacturer (and Licensee), Gerrard-street, Gerrard-road, London, begs to invite the attention of Architects, Builders, Engineers, and the trade generally, to the Vulcanized India-Rubber Tubing, which is now manufactured from 1-inch bore and upwards, in lengths from 25 to 100 feet, and of any length, suitable to the purpose for which it is applied. VULCANIZED HOSE for FIRE ENGINES, LIQUID MANURE, and for conveying HOT WATER to BATHS in DWELLING-HOUSES and BREWERIES, manufactured to resist great pressure of any length and size to order.
Testimonials may be had on application to the Manufacturer.
N.B. VULCANIZED WASHERS and SHEET RUBBER for Steam and Hot-Water Pipes, and Packings for Pistons and Gland-Rods of Steam Engines, cut any size to order.

DIXON'S INVISIBLE VENTILATOR.—This Ventilator is much neater and more simple than any hitherto invented. Can be conducted any shape or size, and may be cleaned as easily as any part of the window. If accidentally broken, can be repaired by any country plaster, at the cost only of a piece of glass.—Models may be seen, and every information had, by applying to JAMES PHILLIPS and Co., 116, Bishopsgate-street Within, London.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements.

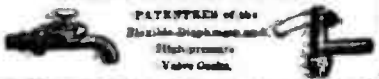
Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECTED TO THE TRADE DISCOUNT.

	Plain.	Discount.	Polished.	Discount.
Plain Iron Valve	6 0		8 0	
Enamel and Lacquered	7 0		10 0	
Japanned, white with Gold lines	11 0		20 0	
Dado with Trellis-work	17 0		30 0	
Brass Front, lacqd. or japanned	23 6		16 6	
Dado with Trellis work	19 0		27 0	

Ventilators of any description made to order.
Manufactured by HART and SONS, 53, 54, 55, Wych-street, Strand, London.—Post-office orders payable at Strand.

THOS. LAMBERT and SON,

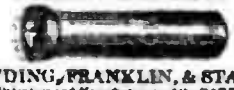


PATENTEES of the
Flexible Diaphragm and High-pressure Valve Cocks.

Equilibrium Ball Valves, and Self-acting Water-closets; manufacturers of Hydraulic Gas, and Stone Pitings, Tin, Lead, and Composition Pipes.
BRIDGE-STREET, NEW CUT, LAMBETH, LONDON.

IMPORTANT SANITARY IMPROVEMENT.—The cheapest and most efficient preventive of Stench and Noxious Vapours arising from Sewers, Drains, Cesspools, &c., is
BUNNETT'S PATENT SELF-ACTING AND SELF-CLEANSING EFFLUVIA TRAPS.
Thousands have now been used in all parts of the Kingdom with uniform success. See testimonials, &c., which may be had at the Office, 24, Lombard-street.
Perfect action and durability are guaranteed.
BUNNETT AND CO., ENGINEERS AND PATENTEES OF REVOLVING IRON AND WOOD SHUTTERS, METAL SASHES, DOUBLY TRAPPED SELF-ACTING WATER-CLOSETS, &c. &c.
Office, 24, Lombard-street; Works, Deptford, Kent.

IMPROVED DRAINAGE.
BY ROYAL LETTERS PATENT.



STANDING, FRANKLIN, & STANDING, Sole Patentees and Manufacturers of the PATENT GLAZED STONE WARE SEWAGE PIPE. Offices, 23, Cornhill, entrance in Gracechurch-alley; Factory, Brandon's Wharf, Camberwell-road, Lambeth.
By employing their patent machinery, S. F. and S. are enabled to produce a pipe for sewage and other purposes in every way far superior to those made by any other process, but more especially in those qualities so absolutely essential to a perfect, and cleanly mode of drainage. From the great and uniform amount of pressure, and peculiar construction of the machinery enclosing the air to escape, used in manufacturing, their pipes are entirely free from air bubbles, giving their greater strength, durability, and entirely preventing the contents percolating through; they are then smoothed on the inside, insuring a perfect passage for the sewage, and preventing any deposit.
Specimens may be seen at the offices, 23, Cornhill, where prices &c., may be obtained, and licences granted for the use of the patent machine.

EXHIBITION BUILDING.—Why are JENNINGS'S CLOSETS selected for the superior Refreshment Courts?
Because these fitted at the offices of Messrs. Fox, Henderson, and Co., gave entire satisfaction, consequently Mr. Fox selected them for the superior Refreshment Courts, and took the Patent.
The whole of them are supplied from one Main Pipe without the usual stop, cocks, valves, &c. Yet the Basin is flushed when the Handle is pulled, and the usual quantity retained when the Handle is lowered.
G. Jennings will be happy to explain how he has managed this long desideratum of Plumbers.

JENNINGS' PATENT SHUTTER SHOES may be seen in every part of London, and can be had at JENNINGS' INDIA RUBBER TUBE, COCK, and CLOSET MANUFACTORY, 39, Great Charlotte-street, Blackfriars-road; or from any ironmonger.

DRAIN PIPE WORKS.—T. SMITH, ORIGINAL LAMBETH POTTERY, 72, FRITH-STREET, LAMBETH.
Builders, Contractors, and others, are invited to order for them, either as regards the quality, &c., of the SALT-GLAZED and GLAZED-LINED DRAIN PIPES.—A list of prices and terms may be had upon application, or forwarded per post.

HOUSE DRAINAGE and SEWERAGE.

The most economical and efficient system of drainage is formed with DOULTON'S STONEWARE PIPES. Testimonials as to their superiority have been received from the Borough Engineers of Liverpool, Glasgow, and other cities.
Arrangements can be made for delivering them free of charge to many of the ports and railway stations throughout the kingdom.
Liverpool Pottery, St. Helens. J. DOULTON, Jun.

TO ARCHITECTS, BUILDERS, &c.
ATTENTION is SOLICITED to THE

DIRECT ACTION BALL TAPS,

invented and patented by H. THOMPSON, C.E.
In these Taps the ball-lever is made to move away with, when the cock is shut, the water does boiling, and thus cause it to cut the cone, and rendered thereby unusable.
The Direct Action Ball Taps cannot drip up or down, thereby either flooding or leaving premises with no water; a fault which all other improvement patents in no measure cure.
They will fill a reservoir in less time than any other tap of similar dimensions, on account of the water-way remaining fully open until the water in the cistern is within one inch of the required level, when they shut off without the possibility of leakage.
The perpendicular principle, with compensating valve inside, renders this action unerring and perfect under any pressure whatever.
Specimens can be seen in action at the office; and all necessary information, with drawings, forwarded by application to HARCOURT THOMPSON and CO., Engineers, 21, Parliament-street, Westminster.

GREAT REDUCTION in PRICES.
GLAZED STONE WARE DRAIN PIPES.

DAVID MOUNTAGUE (late Turner and Mountague), Lambeth Pottery, near Westbourne, Hoare, now offer to the public Glazed Stone Ware Drain Pipes of the best quality at the following reduced prices:—

Straight Tubes with Socket Joints, in 3-feet lengths.					
9 in.	9 in.	4 in.	6 in.	9 in.	12 in.	15 in.	18 in.
9d.	8d.	6d.	6d.	1s.	1s. 4d.	2s. 2d.	3s. 4d. per foot.

Chest pans as cash: Traps in; Bends Junctions, Pitcers, Angles, Bottles, Chemicals, &c. &c. at reduced prices in proportion. A discount on the above prices dependent on quantity and mode of payment. Orders received at and executed from his Wharf, Falcon Wharf, St. Blackside, Blackfriars; Heavy-bridge Wharf, Stratford, Essex; and at his Cement Works, Orchard-house, Stockwell.

DOULTON and WATTS, LAMBETH POTTERY, HIGH-ST. LAMBETH, LONDON.

No. 3 is similar to No. 2, but with the discharge-hole in a horizontal direction.
No. 4 in three pieces.

CHEAP WATER-CLOSET PANS,
with Syphon Traps,
IN GLAZED STONE WARE.
PRICE 7s. 6d. EACH.

The improved WATER-CLOSET PANS are of the most simple yet perfect construction; they are CLEANLY and IMPERISHABLE, requiring no metal fittings, and the price at which they are offered is so low, as to admit of its extensive adoption.

HENRY DOULTON AND CO.'S DRAIN PIPES IN GLAZED STONE WARE.

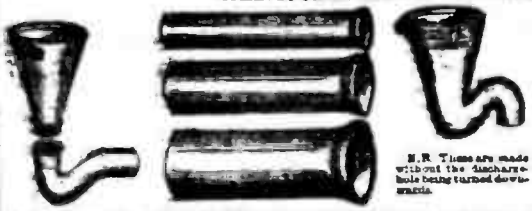
OFFICES—HIGH-STREET, LAMBETH, LONDON, and Granville-street Wharf, Broad-street, Birmingham.
MANUFACTORIES—High-street, Lambeth, London; and Birmingham Pottery, Shorley-fields, Staffordshire.

May also be had as follows:—

BIRMINGHAM	Granville-street Wharf	CHELTENHAM	Mr. J. Bisnard.
GLOUCESTER	Mr. Jesse Gammon	LEICESTER	Messrs. J. and W. Jackson.
NORTHAMPTON	Messrs. Adnitt and Gregoury	WOLVERHAMPTON	Mr. M. Stanton
WORCESTER	Messrs. Rowland and Son.	TAUNTON	Mr. Geo. Pollard.

TESTIMONIALS as to the superiority of these Pipes have been received by H. D. and Co. from Messrs. MOY and PHILLIPS, Surveyors to the New Metropolitan Commissioners of Sewers; and J. PIGOTT SMITH, Esq., Town Surveyor of Birmingham; R. R. HOGGAR, Esq., Surveyor of Oxford, &c. &c.
STRAIGHT TUBES WITH SOCKET JOINTS from 1 inch to 24 inches in diameter. BENDS, JUNCTIONS, TRAPS, &c. OF EVERY DESCRIPTION. Drawings, with prices, &c., will be forwarded free on application as above.

JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES, BENDS, JUNCTIONS, TRAPS, &c., 26, HIGH STREET, LAMBETH, LONDON. Established 1751.
Water Closet Pans, with Syphon Traps, 7s. 6d. each.
STRAIGHT TUBES, with Socket Joints, in 3 feet lengths.



The great advantages accruing from the use of these articles are now so generally understood, as to render any enumeration of them almost superfluous. Their cheapness, efficiency, and durability, are universally admitted; while it is rapidly increasing demand for them proves their estimated superiority over every other fluid bathers before the public for similar purposes.
Inspection is invited to an assorted stock of Drain Tubes of every form and size, adapted to the various conditions for which they may be required; as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glaze for purposes any other manufacturer of Stone Ware.

N.B. These are made without the discharge-hole being turned downwards.

May be had also at Messrs. GLADDISH'S LIME WHARFS, Pedlar's Acre, Westminster-bridge; City-road Wharf, City Basin; Dock-head, Bermondsey; Deaver's Wharf, foot of Battersea-bridge, Chelsea; Front Wharf, King's-road, Camden-New Town.
Importings and List of Prices will be forwarded on application.

VITRIFIED AND GLAZED STONEWARE.

AND OTHER DRAIN AND WATER PIPES, in 2 or 3 feet lengths.
Made CIRCULAR, from 1 to 24 inches diameter.
And also ELLIPTICAL, from 4 by 24 to 18 by 12.
These Pipes are superior to any yet offered, being Vitrified throughout, the body of the Pipe being of the same material as the exterior, and consequently does away with an arch and glaze, which is liable to peel off and therefore [illegible]
JAMES BAWLAND, Esq., C.E., Borough Engineer, Liverpool.
References by permission. JOHN FRANCIS, Esq., C.E., Borough Engineer, Wolverhampton.
Licences granted, for making Pipes with Socket attached by one process and by use of extra pressure of Patent Action of Steam, under this patent.
Specimens to be seen at the Polytechnic Institution, London.

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