

**Iron Manufacturers.**

Adams George & Sons Ltd. (sheet, hoop & bag), Mars iron works, Wolverhampton, Kirkstall Forge Co. Leeds. See advert. p. 12

**Iron Masters.**

Kirkstall Forge Co. Leeds. See advert. p. 12

**Iron Merchants & Exporters.**  
Kirkstall Forge Co. Leeds. See advert. p. 12

McLellan (P. & W.), Lim. 129 Trongate, & Clutha works, Glasgow. Registered cable address, "McLellan, Glasgow." See advert. p. 15

**Iron & Steel Manufacturers.**  
John Spencer (Coatbridge) Ltd. (iron bar manufacturers), Phoenix iron works, Coatbridge, N.B.  
Kirkstall Forge Co. Leeds. See advert. p. 12

**Iron & Steel Mers. & Agents.**  
McEwan James & Co. Limited, 57 Lombard street, London E.C.

**Iron Building Manufacturers.**  
Barnard, Bishop & Barnards Limited, Norfolk iron works, Norwich. See advert. p. 17

**Iron Door & Room Manuf.**  
Tann John, "Anchor Reliance," 11 Nowgate street, London E.C.

**Isinglass Manufacturers.**  
Nelson (G.), Dale & Co. Lim. 14 Downgate hill, London E.C. See advert. p. 5

**Jewellers.**

**MAPPIN BROTHERS** (original firm established 1810), 220 Regent st. London w & 66 Cheapside, London E.C. (late of 67 King William st. London bridge). Manufacturers of "Queen's Plate" & "Queen's Cutlery": manufactory, The Queen's works, Sheffield

**Jewellers & Silversmiths.**  
Goldsmiths & Silversmiths Company Ltd. (the Goldsmiths' Alliance Ltd. (A. B. Savory & Sons), late of Cornhill E.C. is transferred to this Company). Show rooms, 112 Regent st w; 48 Warwick st w & 48 Glasshouse st. London w; Tel. add. "Argennon, London." Telephone 3729 Gerrard

**Lawn Tennis Manufacturers.**  
Bryan Frank, 3 Bayer street, Golden Lane, London E.C. See advert. p. 3  
King A. & Co. 28 Great Dover street, London S.E.

**Leather Dressers & Manufs.**  
Deed John S. & Sons; Morocco & Bohamio leather. Gold medal, Paris, 1878; 91 New Oxford street, London W.C.  
Wilson, Walker & Co. Limited, Leeds; manufacturers of fancy leather, kid-calf, brown-calf, chrome-calf, glue &c

**Leather Factors.**  
Barrow Samuel & Brother Limited; offices & warehouses, Weston street, London S.E. See advert. p. 3

**Leather Importers.**  
Barrow Samuel & Brother Limited; offices & warehouses, Weston street, London S.E. See advert. p. 3

**Leather Merchants.**

Barrow Samuel & Brother Limited; offices & warehouses, Weston street, London S.E. See advert. p. 3

**Leather Goods Manufacturers.**  
Garstin A. & Co. Fancy Leather works, Queen sq. Aldersgate st. London E.C.; mfrs. of solid & fancy leather goods

**Lightning Conductor Manfrs.**  
Glover W. T. & Co. Ltd. Trafford Park, Manchester; & 2 Queen Anne's gate, London S.W. See advert. p. 14

**Lint Manufacturers.**  
Newsome C. Beehive mill, Bengal st. Manchester  
Westhorp T. & Co. Falcon works; offices, West India Dock road, London E

**Lithographic Stone Quarry Owner & Exporter.**  
Daeschler Christof, 1 & 3 Leonard st. London E.C.; HEAD OFFICE, 23 KAUFINGERSTR. MUNICH

**Locomotive Tank Engine Makers.**  
HUDSWELL, CLARKE & CO. LIM. Railway foundry, Hunslet, Leeds. Manufacturers of locomotives for collieries, contractors, works, or branch railways to suit any gauge. Sole makers of "Rodgers' pulleys" registered

Hunslet Engine Co. Hunslet engine works, Leeds. See advert. p. 13

**Lubricating Oil Manufacturers.**  
Duggan, Neel & McColm Ltd. Langbourne wharf, West Ferry road, Millwall, London E

**Lubricating Pad Manufactur.**  
Cookson Joseph, Wellington mills, Manchester. Agent, Thos. Dolphin, box 287, Sydney. See advert. p. 14

**Machine Knife Manufacturers.**  
Tyack W. Sons & Turner, Little London works, Sheffield. See advert. p. 11

**Machinery—Hair Brushing.**  
Hovenden R. & Sons, 30 to 33 Berners street w & 89 to 95 City road, London E.C. See advert. p. 4

**Machinery Merchants.**  
McEwan & Co. Lim. 27 Lombard street, London E.C.

**Magic Lantern & Cinematograph Maker.**  
Hughes William Charles, Brewster house, 82 Mortimer road, Kingsland, London N; the marvellous Pamphengos oil lantern gives 12 feet pictures, £6 6s. reduced to £4 4s.; the Doewra Maiden & grand triple bi-unial lanterns, slides, novelties & effects. Hughes Moto Photoscope for animated pictures, from £9 9s.; no shutter therefore no flickering; perfection bicon living picture camera, films &c. grandly illustrated catalogues, 180 choice engravings, 1s. 6d. post free; cheapest & best house, grandest display of apparatus &c. in the world

**Magnesia Manufacturers.**  
Dimneford & Co. 180 New Bond street, London. See advert. p. 6

**Marble Merchants & Importers.**  
Vallongo Slate & Marble Quarries Co. Limited, 165 Queen Victoria street, London E.C. See advert. p. 7

**Merchants—General.**  
Hovenden R. & Sons, 29 to 33 Berners street w & 89 to 95 City road, London E.C. See advert. p. 4  
McEwan & Co. Limited, 27 Lombard street, London E.C.  
Thompson B. & S. H. 152 Great Charles street, Birmingham

**Metal Merchants.**  
MacLellan P. & W. Limited, 129 Trongate & Clutha works, Glasgow. Registered cable address, "MacLellan, Glasgow." See advert. p. 15

**Metallurgical Chemists.**  
Johnson, Matthey & Co. Limited, Hatton garden, London E.C. See advert. p. 4

**Mineral Water Bottle Manufs.**  
Barnett & Foster, Eagle Wharf road, Hoxton, London N. See advert. p. 2

**Mineral Water Machinery Manufacturers.**  
Barnett & Foster, Eagle Wharf road, London N. See advert. p. 2  
Hayward-Tyler & Co. 90 & 92 Whitecross street, London E.C.

**Mineral & Soda Water Machinery Manufacturers.**  
Rylands Glass & Engineering Co. Ltd. (successors to Dan Rylands Limited), Barnsley, England. Sole makers of McEwan's patent "Rapid Ramon" filler & gold medal soda water machinery

**Mining Instrument Makers.**  
Stanley W. F. & Co. Ltd. Great Turnstile, Holborn, London E.C. See advert. p. 5

**Mining Machinery Manufs.**  
Davey, Paxman & Co. Ltd. Colchester; & 78 Queen Victoria st. London E.C. Tel. address, "Paxman, Colchester"  
Hayward-Tyler & Co. 90 & 92 Whitecross street, London E.C.

**ROBEY & CO. LIMITED,** Globe works, Lincoln; London office, 79 Queen Victoria street E.C. Manufacturers of portable, horizontal & vertical steam engines. Mining machinery of all descriptions. Gas engines, sugar mills, centrifugal, duplex & donkey pumps &c. Catalogues on application.

**GOLD MEDAL, PARIS EXHIBITION, 1900.**  
Agencies: Forwood, Down & Co. Adelaide; J. & W. Bateman, Fremantle

**Mining Tool Manufacturers.**  
Tyack W., Sons & Turner, Little London works, Sheffield. See advert. p. 11

**Mosaic Pavement Manufs.**  
Minton, Hollins & Co. Patent Tile works, Stoke-on-Trent. See advert. p. 7

**Music Stool Screw Manufact.**  
Fitter Joseph, Britannia works, Cheap-side, Birmingham. See advert. p. 9

**Needle Makers.**  
Hemming Richard & Son, Forge mills, Redditch, Worcestershire

Holyoake George, Needle mills, Redditch  
Milward Henry & Sons Limited, Washford mills, Redditch

**THOMAS S. & SONS,** British needle & fish hook mills, Redditch

**Oakum Manufacturers.**  
ANGLO-AMERICAN ROPE & OAKUM CO. Liverpool. Established 1868. Awarded 15 medals & diplomas for machine spun & unspun oakum. Supplied for the ships of H.M.'s Navy, foreign navies, & the LEADING shipbuilders of THE WORLD

**Oakum (Machine Picked) Manufacturers.**  
Westhorp T. & Co. Falcon works; offices, West India Dock road, London E

**Office Stool & Chair Action Manufacturer.**  
Fitter Joseph, Britannia works, Cheap-side. See advert. p. 9

**Oil Boilers & Refiners.**  
Alder H. B. & Co. Ltd. Church row, Limehouse, London E. "Dog" & "Jockey" brands  
Burrell & Co. 117 & 118 Leadenhall street, London E.C. & Burrell's wharf, Millwall, London E

Dick W. B. & Co. Ltd. oil imprtrs. mers. refiners, boilers, white zinc & grease mfrs. 60 St. Mary Axe, London E.C.; wharf, Rotherhithe; & also at Clyde oil works, Glasgow; Morsey oil wks. L'pool; Newcastle-on-Tyne & Cardiff; also sole manfrs. of Dick's "Imperial" patent anti-fouling & anti-corrosive paints for ships' bottoms—TA "Dica" Ltd. London

Duggan, Neel & McColm Ltd. Langbourne wharf, West Ferry road, Millwall, London E

**ROSE SIR W. A. & CO. 66** Upper Thames street, London E.C. & Rose's wharf, Millwall, London E

Wilkinson, Heywood & Clark Ltd. Storer's wharf, Millwall, London E

**Oil Factors & Merchants.**  
**ROSE SIR W. A. & CO. 66** Upper Thames street, London E.C. & Rose's wharf, Millwall, London E

**Oil Mill Machinery Manufs.**  
Rose, Downs & Thompson Limited, Old Foundry, Hull. See advert. p. 9

**Ointment Manufacturers.**  
Calvert F. C. & Co. Bradford, Manchester. See advert. p. 15

**Opera Glass Manufacturer.**  
GOERZ C. P. optical works, 4 & 5 Holborn circus, London E.C. See "Opticians"

**Optical & Photographic Instrument Manufacturers.**  
Dallmeyer J. H. Ltd. 25 Newman street, London W. See advert. p. 5  
Goerz C. P. 4 & 5 Holborn circus, London E.C. Maker of the celebrated "Goerz" Lenses, "Goerz-Anschütz" Cameras & "Goerz-Frieder" Binoculars. Catalogues free on application

Ross Limited, 111 New Bond street, London W; Gold medals & highest awards at all great exhibitions for first-class microscopes, telescopes & photographic lenses & apparatus, race glasses &c. Catalogues on application

**Opticians.**

Dallmeyer J. H. Ltd. 25 Newman street, London W. See advert. p. 5  
GOERZ C. P. Optical works, 4 & 5 Holborn circus, London E.C. Manufacturer of the celebrated "Goerz" Lenses, "Goerz-Anschütz" Cameras & "Goerz-Frieder" Binoculars. Catalogues free on application

Negretti & Zambra, 38 Holborn viaduct E.C.; branches, 45 Cornhill E.C. & 122 Regent street, London W

Stanley W. F. & Co. Ltd. Great Turnstile, Holborn, London W.C. See advert. p. 5

**Ore Dressing Machinery Mfrs.**  
The Humboldt Engineering Works Co. Kalk, near Cologne (Germany)

**Ornamental Ironworkers.**  
Barnard, Bishop & Barnards Limited, Norwich iron works, Norwich. See advert. p. 17

**Oven Builders.**  
Baker Joseph & Sons, Willesden Junction, London N.W. & 58 City road, London E.C. See advert. p. 5

**Paint Manufacturers.**  
Alder H. B. & Co. Ltd. Church row, Limehouse, London E. "Dog" & "Jockey" brands  
Burrell & Co. 117 & 118 Leadenhall street, London E.C. & Burrell's wharf, Millwall, London E

Crosbie Adolph Lim. Wolverhampton, contractors to five governments & over 150 municipalities

Duggan, Neel & McColm Ltd. Langbourne wharf, West Ferry road, Millwall, London E

Peacock & Baehlan Ltd. Southampton. See advert. p. 15

**ROSE SIR W. A. & CO. 66** Upper Thames street, London E.C. & Rose's wharf, Millwall, London E

Wilkinson, Heywood & Clark, Ltd. Storer's wharf, Millwall, London E

**Painting Brush Manufacturers.**  
Pritchett J. & Son, 30 & 31 Great Dover street, London S.E.

**Paper Manufacturers.**  
McEwan & Co. Limited (exporters), 27 Lombard street, London E.C.

**Patent Agents:**  
BOULT, WADE & KILBURN (chartered), 111 Hatton garden, London E.C.

**Patent Medicine Vendors.**  
Hovenden R. & Sons, 30 to 33 Berners street w & 89 to 95 City road, London E.C. See advert. p. 4

**Patentee.**  
Fitter Joseph, Britannia works, Cheap-side, Birmingham. See advert. p. 9

**Pearl Merchants.**  
Hahn E. & Co. 33 Hatton garden, London E.C. See advert. p. 7

**Pen Manufacturers.**  
Brandauer C. & Co. 401 to 414 New John street west, Birmingham

**Pen Holder Manufacturers.**  
Brandauer C. & Co. 401 to 414 New John street west, Birmingham

**Pencil Manufacturers.**

Coombs H. A. manufacturer of carded goods, pocket pencils, rubbers, red elastic bands, American pure grey elastic bands; novelties &c.; illustrated lists free; & London agent for D. Leonard & Co. steel pen makers, Birmingham; 12 Rose st. London E.C. Faber Johann; (black lead & colored pencils), 12 Lovell's court, Paternoster row, London E.C.

**Percussion Cap Manufacturers.**  
Rhenish-Westphalian Explosives Co. Ltd. Cologne o. Rhine; works at Troisdorf, Nürnberg & Rönshill, Germany. See advertisement, p. 17

**Perfumers—Wholesale & Manufacturing.**  
Hovenden R. & Sons, 29 to 33 Berners street w & 89 to 95 City road, London E.C. See advert. p. 4  
Parson, Son & Co. Limited, 5 & 6 Bull ring, Birmingham

**Photographic Apparatus Manufacturers.**  
Dallmeyer J. H. Ltd. 25 Newman st. London W. See advert. p. 5  
GOERZ C. P. optical works, 4 & 5 Holborn circus, London E.C. See "Opticians"

Houghton George & Son, 88 & 89 High Holborn, London W.C.

**Photographic Instrument Makers.**  
Stanley W. F. & Co. Lim. Great Turnstile Holborn, London W.C. See advt. p. 5

**Photographic Lens Manufs.**  
Dallmeyer J. H. Limited, 25 Newman street, London W. See advert. p. 5  
GOERZ C. P. optical works, 4 & 5 Holborn circus, London E.C. See "Opticians"

**Photographic Material Dirs.**  
Dallmeyer J. H. Limited, 25 Newman street, London W. See advert. p. 5

**Photographic Material Manufacturers.**  
Houghton George & Son, 88 & 89 High Holborn, London W.C.

**Photographic Mount Manfrs.**  
Houghton George & Son, 88 & 89 High Holborn, London W.C.

**Pianoforte Manufacturer.**  
Dassel August, Engelter 4, Berlin (Germany). Pianos for tropical climates

**Pianoforte Hammer & Damper Felt Manufacturers.**  
Whitehead R. R. & Bros. Limited, 10 Endell st. London W.C. See advt. p. 7

**Platinum Refiners & Manfrs.**  
Johnson, Matthey & Co. Ltd. Hatton garden, London E.C. See advt. p. 4

**Polish Manufacturers.**  
Biggs W. T. & Sons, Trundley's road, Deptford, London S.E.

**Poultry & Kennel Appliances.**  
Barnard, Bishop & Barnards Limited, Norfolk iron works, Norwich. See advert. p. 17