Engineer, for an invention of "an improved mode of, and apparatus for, combining inflammable gas with air."—Dated 16th March, 1871.

701. Phinehas Barnes, junior, of Troy, New York, United States of America, now of No. 8, Southampton-buildings, London, for an invention of "improvements in couplings for hose and other pipes."—Dated 16th March, 1871.

706. Henry Kesterton, of the Star Works, Heneage-street, Birmingham, in the county of Warwick, for an invention of "improvements in apparatus for working the brakes of railway

trains."-Dated 16th March, 1871.

707. Henry Kesterton, of the Star Works, Heneage-street, Birmingham, in the county of Warwick, for an invention of "improvements in casting hollow ingots, and in apparatus to be employed therein."—Dated 16th March, 1871.

708. Everden Wimshurst, of Weighton-road, South Penge Park, Anerley, in the county of Surrey, Engineer, for an invention of "improvements in screw propellers."—Dated 16th

March, 1871.

711. Samuel Edward Sarney, of No. 10, Spencerplace, Brixton, in the county of Surrey, and Thomas Sexton Sarney, of No. 48, Catherinestreet, Sheffield, in the county of York, for an invention of "improvements in bedsteads, sofas, and similar articles of furniture."—Dated 16th March, 1871.

712. George Lowry, of Bury-street Foundry and Cross-street Works, Salford, county of Lancaster, Engineer, for an invention of "improvements in the construction of hackling machines."

-Dated 17th March, 1871.

713. William Thompson, of No. 5, Cheshnutwalk, Stratford-upon-Avon, in the county of Warwick, Architect and Surveyor, for an invention of "improvements in machinery and tools for cutting marble, stone, slate, and other minerals."—Dated 17th March, 1871.

715. Bashley Britten, of Red Hill, in the county of Surrey, Gentleman, for an invention of "improvements in artillery and projectiles to be used therewith."—Dated 17th March, 1871.

- 717. William Purvis Wilson, of Addiscombe, in the county of Surrey, for an invention of "improvements in apparatus used in the manufacture of gas, which improvements are also applicable to other purposes."—Dated 17th March, 1871.
- 720. Charles Wigg, of Liverpool, in the county of Lancaster, Alkali Manufacturer, for an invention of "improvements in the manufacture of alkali, and in apparatus employed therein."

 —Dated 17th March, 1871.
 - 721. Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Chaussée d'Antin, Paris, in France, and 6, Piccadilly, in the county of Middlesex, Patent Agent, for an invention of "improvements in machines for carding wool, cotton, silk, and other fibrous materials."—Is a communication to him from Celestin Martin, a person resident, at Verviers, in the Kingdom of Belgium, Manufacturer.—Dated 17th March, 1871.
 - 725. William Tasker, junr., of Waterloo Iron Works, near Andover, in the county of Hants, Engineer, for an invention of "improvements in machines for elevating or ricking straw and other agricultural produce, such machines being commonly known as straw elevators or rickers."

 —Dated 17th March, 1871.
 - 726. John Butler, of the town and county of the town of Nottingham, for an invention of "improved means and apparatus for indicating the

action of force pumps connected with steam boilers, for feeding the same."—Dated 17th March, 1871.

727. William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, Loudon, for an invention of "improved driving mechanism for sewing machines." —The said invention has been communicated to him from abroad by Abraham Winsor Harris, of Providence, Rhode Island, United States of America.—Dated 17th March, 1871.

729. John Richardson Wigham, of Albany House, Monkstown, in the county of Dublin, Ireland, for an invention of "improvements in the mode of and apparatus for illuminating lighthouses and beacons, and other localities where signal lights are employed."—Dated 18th March, 1871.

730. Thomas James Denne and August Hentschel, both of Phœnix Works, Cambridgeroad, Mile End, Middlesex, for an invention of "improvements in the preparation of surfaces for prints, printing, and other purposes."—Dated 18th March, 1871.

731. John Benjamin Stoner, of No. 12, Buckingham-street, Strand, in the county of Middlesex, for an invention of "a new or improved floating light-house and telegraph and life-boat station."—Dated 18th March, 1871.

732. Josiah Adams, of Birmingham, in the county of Warwick, Brass Founder, for an invention of "improvements in machines for crimping, goffering, or fluting."—Dated 18th March, 1871.

733. Joseph Holding, of the Patent Heald Superseding Company Limited, of Manchester, in the county of Lancaster, for an invention of "improvements in self-acting 'temples' and 'healds' employed in looms for weaving."—Dated 18th March, 1871.

734. William Purvis, of High-street, Marylebone, in the county of Middlesex, for an invention of "an improved medicinal biscuit."— Dated 18th March, 1871.

736. Peter Agerup, of Mark-lane, in the city of London, Merchant, for an invention of "improvements in the construction of steam vessels."—Communicated to him from abroad by J. P. Matthison, Christian Castenskiold, and C. E. Brasen, all of Copenhagen, in the Kingdom of Denmark.—Dated 18th March, 1871.

741. John Henry Johnson, of 47, Lincoln's-innfields, in the county of Middlesex, Gentleman, for an invention of "improvements in machinery or apparatus for breaking stone, and other hard substances."—Communicated to him from abroad by Hugh Juno Browne, of Melbourne, in the Colony of Victoria, Merchant, and Arthur Hope, of Prahran, in the same colony, Engineer.—Dated 18th March, 1871.

743. James Frederick Haigh, of Halifax, in the county of York, Picker Maker, for an invention of "improvements in pickers used in looms for weaving."—Dated 20th March, 1871.

744. William Snowdon, of Rochdale, in the county of Lancaster, for an invention of "improved cutter blocks for holding cutters or chisels used in wood cutting and all moulding machines."
—Dated 20th March, 1871.

747. Alexander Melville Clark, of No. 53, Chancery-lane, in the county of Middlesex, Patent Agent, for an invention of "an improvement in nail cutting machines."—Communicated to him from abroad by Oscar Mussinan, of New York City, United States of America. — Dated 20th March, 1871.