

2538. To Thomas John Marshall, of Bishopsgate-street Without, in the city of London, Engineer, for the invention of "improvements in the manufacture of paper, and in machinery or apparatus for effecting the same."

On his petition, recorded in the Office of the Commissioners on the 18th day of October, 1860.

2552. To John Thompson, Edward Gerrard Fitton, and Frederick Alexander Firton, Foremen in the employ of Messrs. Parr, Curtis, and Madeley, Machine Makers, in the city of Manchester, for the invention of "improvements in machinery used in boring, turning, and cutting metals and other substances, part of which is applicable for driving other machinery."

2554. To James Marsden, of No. 75, Turnmill-str. et, Clerkenwell, in the county of Middlesex, for the invention of "an improved method of bleaching and whitening fibres and fabrics of various kinds."

2558. And to Joseph Burch, of Crag, near Macclesfield, in the county of Chester, Engineer, for the invention of "improvements in the construction of boilers for generating steam and other heating purposes."

On their several petitions, recorded in the Office of the Commissioners on the 19th day of October, 1860.

2566. To Ebenezer William Hughes, of No. 22, Parliament-street, in the county of Middlesex, Civil Engineer, for the invention of "improvements in the construction of tents particularly adapted to military purposes, part of which invention is equally applicable to temporary buildings generally."

On his petition, recorded in the Office of the Commissioners on the 20th day of October, 1860.

2568. To John Smith, of the city of Manchester, Machinist, and John Holt, of Farnworth, near Bolton-le-Moors, in the county of Lancaster, Spinner, for the invention of "improvements in machinery for preparing and spinning cotton, and other fibrous materials."

2570. And to Charles Gourley Russell, of Manchester, in the county of Lancaster, General Printer, for the invention of "an improved method of, and apparatus for, facilitating the operation of certain kinds of printing from engraved plates, cylinders, lithographic stones, letter-press blocks, and other like surfaces."

On both their petitions, recorded in the Office of the Commissioners on the 22nd day of October, 1860.

2580. To Edwin Lewis, Refiner and Metal Dealer, of Birmingham, in the county of Warwick, for the invention of "an improved apparatus for washing, cleaning, or separating particles of metal from other refuse matter."

On his petition, recorded in the Office of the Commissioners on the 23rd day of October, 1860.

2608. To Frederick Settle Barff, of the city and county of Dublin, for the invention of "improvements in the production of artificial stone, which improvements are also applicable to the preservation of stone, bricks, tiles, and other analogous substances or materials."

2610. To William Sharpe, of Swadlincote, in the county of Derby, Earthenware Manufacturer, for the invention of "improvements in latches and locks."

2612. To Thomas Cobley, of Meerholz, in the Electorate of Hesse, Germany, Mine Owner,

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for the invention of "improvements in the manufacture of white lead (meaning carbonates of lead)."

2616. To Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in uniting water, gas, and other pipes and tubes."—A communication to him from abroad by Athalis Delaporte, of Paris."

2618. And to William Syrett, of Bury St. Edmunds, in the county of Suffolk, Engineer, for the invention of "improvements in steam engines."

On their several petitions, recorded in the Office of the Commissioners on the 26th day of October, 1860.

2620. To Charles Hathaway, of Philadelphia, in the State of Pennsylvania, one of the United States of America, but now of Liverpool, in the county of Lancaster, Engineer and Contractor, for the invention of "improvements in the construction of street railways, and in the wheels to run thereon."

2622. To Henry Lawson, of Holcomb Brook, near Bury, in the county of Lancaster, Mechanic, for the invention of "improvements in machinery for putting cop tubes on to the spindles of mules for spinning, and in apparatus for supplying the cop tubes to the said machinery."

2626. To Thomas Smedley of Holywell, in the county of Flint, Agent for the invention of "improvements in the manufacture of metal rollers and cylinders used for calico printing, and other purposes."

2628. To William Hunt, of Tipton, in the county of Stafford, Manufacturing Chemist, for the invention of "improvements in obtaining sulphur, or certain sulphur compounds from certain other sulphur compounds, and in obtaining carbonic acid."

2630. To Edmund Keogh Dwyer, of Pimlico, in the county of Middlesex, Gentleman, for the invention of "improvements in machinery for doubling, creasing, and folding cloth."

2634. And to William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improved apparatus for milking cows.—A communication to him from abroad, by L. O. Colvin, of Cincinnati, in the county of Cortlandt, State of New York and United States of America."

On their several petitions, recorded in the Office of the Commissioners on the 27th day of October, 1860.

2636. To Robert Blacklidge, of Bolton-le-Moors, in the county of Lancaster, Calico Printer, for the invention of "improvements in the preparation of materials for sizing, dressing, or finishing warps, yarns, textile fabrics, or paper."

2638. To Thomas Wilson, of Birmingham, in the county of Warwick, Engineer, for the invention of "improvements in moveable spanners or screw wrenches."

2642. And to Edward Harrison, of Oldham, in the county of Lancaster, Schoolmaster, William Bradbury, of the same place, Mechanic, James Buckley of the same place, Weaver, and Dan Garside, of the same place, Engineer, for the invention of "a certain compound, or certain compounds, to be used as a substitute for gunpowder."

On their several petitions, recorded in the Office of the Commissioners on the 29th day of October, 1860.