

1538. To Georges Pinaud, of No. 16 bis, Boulevard Sébastopol, Paris, in the Republic of France, Perfumer, for the invention of "improvements in hair brushes and analogous apparatuses whereby they may be used for the application of washes, dyes, and other matters."

1540. To Charles William Siemens, of No. 12, Queen Anne's-gate, Westminster, in the county of Middlesex, for the invention of "improvements in preparing and combining iron and steel in forms to resist great pressure or shock, and in constructions for which such resisting power is required."

1542. To George Robertson Hislop, of Paisley, in the county of Renfrew, North Britain, Gas Engineer, for the invention of "a new or improved mode of and means and chambers for calcining or revivifying spent lime."

1544. To John Devonshire Ellis, of the Atlas Steel Works, Sheffield, in the county of York, for the invention of "improvements in the manufacture of armour plates and other plates and bars."

1548. To John Unwin, of Sheffield, in the county of York, Manufacturer and Merchant, for the invention of "improvements in the preparation and preservation of an electro-depositing solution of nickel."

1550. To Alexander Allen Ihne, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in holders for holding reels or spools of cotton, silk, and other threads."

1552. To Thomas Archer, Junior, of Dunston, in the county of Durham, Engineer, for the invention of an "improved method of and means employed for raising sunken vessels, or other submerged objects."

1554. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in circular looms."—A communication to him from abroad by John Van Dussen Reed, of the city, county, and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 20th day of April, 1877.

1561. To Ferdinand Desiré Lebeau, of Place Hoche, No. 9, at Versailles, in the Republic of France, for the invention of "improved means or appliances for controlling or checking run-away horses."

1562. To Henry Leak, of Longton, in the county of Stafford, Lathe Maker, for the invention of "improvements in moulds, blocks, or cases to be used in the manufacture of pottery ware."

1564. To Aaron Bradshaw, of Accrington, in the county of Lancaster, for the invention of "improvements in the construction of pressure-gauges."

1568. To Richard Theiler and Meinrad Theiler, both of Canonbury-road, in the county of Middlesex, Telegraph Engineers, for the invention of "improvements in apparatus for ascertaining, indicating, and recording the motions and stoppages of vehicles and vessels, and revolving shafts."

1570. And to Ridley Henderson, of the Albany, Liverpool, in the county of Lancaster, Civil and Mining Engineer, for the invention of "improved appliances for facilitating swimming and for accelerating the speed of the body through water."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of April, 1877,

1597. To Matthew Ker, of No. 43, Mansfield-road, in the parish of Saint Pancras, in the county of Middlesex, for the invention of "improvements in the manufacture of parquetry flooring."

On his petition, recorded in the Office of the Commissioners on the 24th day of April, 1877.

1621. To James Leatherland, of Holbeah Drive, Crowland, in the county of Lincoln, for the invention of "a new apparatus for binding corn into sheaves."

On his petition, recorded in the Office of the Commissioners on the 25th day of April, 1877.

1625. To William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 1, Rue Laffitte, Paris, for the invention of "improvements in machinery for wetting corn or other grain."—A communication to him from abroad by George Rose and Henry Rose, Engineers, of Paris, France.

1627. To Robert Barff Thomson, of Dundee, in the county of Forfar, North Britain, Engineer, for the invention of "improvements in power looms for weaving."

1629. To William Hiscock, of Soho, in the county of Middlesex, for the invention of "improvements in letter balances."

1635. To Henry Stocks, of Leeds, and Ben Stocks, of Huddersfield, both in the county of York, for the invention of "improvements in shuttles for looms."

1637. To John Barrow, of Moberley, in the county of Chester, Joiner and Builder, for the invention of "improvements in apparatus for raising and lowering portable roofs."

1639. And to Henri Adrien Bonneville, of the British and Foreign Patent Offices, 18, Rue de la Chaussée d'Antin, Paris, France, and 6, Piccadilly, in the county of Middlesex, Patent Agent, for the invention of "certain improvements in self-recording thermometers, hygrometers, and other instruments of a similar nature."—A communication from Robert Kirk Boyle, a person resident in the city, county, and State of New York, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 26th day of April, 1877.

1641. To Thomas Samuel Dobson, of the town and county of the town of Nottingham, for the invention of "improvements in sectional cast bars, applicable to the furnaces of locomotive steam engines."

1647. To Walter Bentley Woodbury, of Manor House, South Norwood, in the county of Surrey, for the invention of "improvements in photographic apparatus."

1649. To Frederic Eliot Duckham, of Millwall, in the county of Middlesex, for the invention of "improvements in hydraulic cranes, capstans, engines, and other hydraulic machinery."

1651. To Elizabeth Frances Kelly, of Colville-road, Notting Hill, London, for the invention of "an improved portable folding musical instrument."

1653. And to John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in trusses and abdominal supports."—A communication to him from abroad by John Robinson Alexander, of the city of Montreal, in the District of Montreal, and Province of Quebec, Canada.

On their several petitions, recorded in the Office