medical purposes, part of which improvements ! are also applicable to other electro-galvanic apparatus."

As set forth in their respective petitions, all recorded in the said office on the 11th day of December, 1855.

2612. And George Henry Bachhoffner, of Upper Montagu-street, in the county of Middlesex, has given the like notice in respect of the invention of "improvements in the construction of fireplaces for the better consumption of smoke and in lighting and maintaining fires."

2613. And Timothy White, of Landport, Portsmouth, Lead, Glass, Oil, and Colour Merchant, has given the like notice in respect of the invention of "improvements in constructing portable houses and other buildings and

structures."

As set forth in their respective petitions, both recorded in the said office on the 12th day of December, 1854.

2615. And Jos Mayer, of Dale Hall Pottery, Longport, in the county of Stafford, Manufacturer, and John David Kind, of Birmingham, in the county of Warwick, Manufacturer, have given the like notice in respect of the invention of "an improvement or improvements in door knobs or handles made of china, earthenware, glass, or other vitreous or semi-vitreous substance, and in attaching the said knobs or handles to their spindles."

2616. And Charles Frederick Stansbury, of the firm of Nourse and Co., of 17 and 18, Cornhill, London, Patent Agents, has given the like notice in respect of the invention of "a machine for cutting keys."-A communication.

2620. And Peter Armand le Comte de Fontaine Moreau, of 4, South-street, Finsbury, London, and 39, Rue de l'Echiquier, Paris, Patent Agent, has given the like notice in respect of the invention of "improvements in photography."-A communication.

As set forth in their respective petitions, all recorded in the said office on the 13th day of

December, 1854.

2632. And Llewellyn William Evans and James McBryde, of Saint Helens, in the county of Lancaster, Manufacturing Chemists, have given the like notice in respect of the invention of "certain improvements in the burning of sulphuret ores for making sulphuric acid, and for smelting.

2637. And Louis Cornides, of No. 4, Trafalgarsquare (Office for Patents), Charing-cross, in the county of Middlesex, has given the like notice in respect of the invention of "certain improved apparatus for coating or covering surfaces of glass or other material with collodion."

As set forth in their respective petitions, both recorded in the said office on the 14th day of December, 1854

2649. And John Sykes, of Huddersfield, in the county of York, Machine Maker, has given the like notice in respect of the invention of "improvements in piecing machines, a part of which improvements are applicable to other

similar purposes."

2652. And Matthew Curling Friend, of 44, Ashburnham-grove, Greenwich, Lieutenant in the Royal Navy, and William Browning, of 111, Minories, in the county of Middlesex, Philosophical Instrument Maker, have given the like notice in respect of the invention of "an asparatus for determining the magnetic aberrations occasioned by local attraction."

2655. And Robert Lucas Chance, of Birmingham, has given the like notice in respect of the invention of "an improvement in the manufacture of glass."

As set forth in their respective petitions, all recorded in the said office on the 16th day of Decem-

ber, 1854.

2661. And William Gilpin, of No. 2, Moorgatestreet, London, and Abraham Bowen, of Stafford-street, Peckham, Engineers, have given the like notice in respect of the invention of "a new method for the effectual consumption or prevention of smoke, and the more perfect combustion of coals and other fuel by means of a mechanical apparatus and furnace bars of a certain construction; a portion of the same may be applied for raising water, and in furnaces where blast is required."

2662. And William Hartley, of Bury, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "improvements in safety valves for steam-boilers and in steam engines."

As set forth in their respective petitions, both recorded in the said office on the 18th day of December, 1854.

2703. And Alfred Suter, of 65, Fenchurch-street, in the city of London, in the county of Middlesex, has given the like notice in respect of the invention of "a wind-guard to cure smoky chimneys or ventilate rooms or buildings."

As set forth in his petition, recorded in the said office on the 22nd day of December, 1854.

113. And James Simkin, of Bolton-le-Moors, in the county of Lancaster, Gun Maker, has given the like notice in respect of the invention of "improvements in rifles and other fire-arms."

As set forth in his petition, recorded in the said office on the 16th day of January, 1855.

121. And Ambroise Quertinier, of Charleroi, in the Kingdom of Belgium, Merchant, has given the like notice in respect of the invention of "an improvement in glass furnaces."

As set forth in his petition, recorded in the said office on the 17th day of January, 1855.

174. And William Dray, of Swan-lane, in the city of London, Agricultural Implement Maker, has given the like notice in respect of the invention of "an improved machine for cutting

As set forth in his petition, recorded in the said office on the 23rd day of January, 1855.

222. and John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, and of Glasgow, North Britain, Gentleman, has given the like notice in respect of the invention of "improvements in looms for weaving."—A communication from Gustave Bornèque, of Bavillers, in the Empire of France, Manufacturer.

As set forth in his petition, recorded in the said office on the 29th day of January, 1855 258. And Edmund Clegg, of Shore Mill, near

Littleborough, in the county of Lancaster, and James Leach, of the same place, Manufacturers, have given the like notice in respect of the invention of "improvements in temples for looms.'

As set forth in their petition, recorded in the said office on the 2rd day of February, 1855

327. And Richard Shirley Harris, of Leicester, Gentleman, has given the like notice in respect of the invention of "improvements in the manufacture of looped fabrics."

As set forth in his petition, recorded in the said office on the 12th day of February, 1855.