663. To John Leighton, of No. 40, Brewer-street, Golden-square, in the county of Middlesex, for the invention of "a luminous fire-place and self

supplying smoke consumer."

664. To Peter Armand Le Comte de Fontaine Moreau, of 4, South-street, Finsbury, London, and 39, Rue de l'Echiquier, Paris, in the Empire of France, Patent Agent, for the invention of "improvements in looms for weaving."-A communication.

665. To James Wadsworth, of Hazelgrove, near Stockport, in the county of Chester, Machine Maker, for the invention of "improvements in the ventilation of mines, or in the means of removing noxious gases therefrom, and in machinery or apparatus to be used for that purpose.

666. To John Watson Burton, of Eye, in the county of Suffolk, and George Pye, of Ipswich, in the same county, Flax Manufacturers, for the invention of "improvements in treating flax, hemp, and other fibrous matters requiring

like treatment."

667. To William Charles Theodore Schaeffer, of Bradford, in the county of York, for the invention of "an improvement in treating soap-suds

and wash-waters."

668. To John Davie Morries Stirling, Esquire of Blackgrange, Clackmananshire, N.B., for the invention of "improvements in mounting heavy ordnance for naval purposes."-A communication from Monsieur Delvigne, of Paris.

669. To John Trueman, 34, Castle-street, Belfast, Ireland, Baker and Confectioner, for the invention of "improvements in ovens for

baking.

670. And to William Drummond, of Smith-street, King's-road, Chelsea, in the county of Middlesex, Surveyor, for the invention of "improvements in spring hinges for swing doors.'

On their several petitions, recorded in the Office of the Commissioners on the 20th day of March,

671. To James Murphy, of Newport, in the county of Monmouth, Civil Engineer, for the invention of "improvements in means apparatus for stopping or retarding vehicles used on rail or other roads, which improvements are also applicable to the brake wheels in connection with stationary engines.

672. To George Henry Brookes, of Dalkeith, in the county of Edinburgh, for the invention of "improvements in stoves, grates, or fire-places."

673. To William Brierley and James Platts Brierley, of Cleckheaton, in the county of York, Machine Makers, for the invention of "improvements in looms for weaving."

- 674. To Walter Glover, of Salford, near Man-chester, in the county of Lancaster, Dyer and Finisher, for the invention of "improvements in the construction and arrangement of machinery or apparatus for damping and beetling woven fabrics."
- 675. To Henry Pratt, Engineer, of Worcester, for the invention of "certain improvements in the construction of union mills and in the application of the motive power apparatus, and machinery connected with the manufacture of flour and bread, parts of which are also applicable for other useful purposes.'
- 676. To James Septimus Cockings, Civil Engineer, of 26, Ann street, Birmingham, in the county of Warwick, for the invention of "an improved envelope, and which said envelope he proposes designating as the despatch or return envelope."

677. To John Henry Johnson, 47, Lincoln's-innfields, in the county of Middlesex, and of Glasgow, North Britain, Gentleman for the invention of "improvements in weaving by electric power, and in the machinery or apparatus employed therein."-A communication from Monsieur Louis Bolmida Bauker, President of the Electro Weaving Company, at Turin, in the kingdom of Sardinia.

678. To John Jones and Alexander Cunningham Shirreff, both of the city of Glasgow, in the county of Lanark, North Britain, Engineers, for the invention of "improvements in the construction and application of rotatory motive

power engines and pumps."

679. To John Henry Johnson, of 47, Lincoln'sinn-fields, in the county of Middlesex, and of Glasgow, North Britain, Gentleman, for the invention of "improvements in electro-magnetic printing telegraphs."-A communication from Charles Claude Etienne Minie, Commandant of the School of Fire-arms at Vincennes, in the Empire of France, and Louis François Clement Breguet, of Paris, in the Empire of France. 680. To Henry Brierly, of Chorley, in the county

of Lancaster, Machinist, for the invention of "improvements in self-acting mules for spin-

ning and doubling."
681. To John Hinks and George Wells, of Birmingham, in the county of Warwick, Manufacturers and Copartners, for the invention of "improvements in metallic pens and penholders."

682. To Gustav Georg Anton Ludwig Michael Schelhorn, of Birmingham, in the county of Warwick, Merchant and Manufacturer, for the invention of "a new or improved penholder."

683. To Charles Carey, of 32, Union-grove, Wandsworth-road, in the county of Surrey, for the invention of "improvements in shower baths."

685. To Charles Carey, of 32, Union-grove, Wandsworth-road, in the county of Surrey, for the invention of "improvements in the vessels and filters used for making infusions of coffee and other substances."

686. To John Juckes, of Dame-street, Islington, for the invention of "improvements in furnace

687. To Charles Carey, of 32, Union-grove, Wandsworth-road, in the county of Surrey, for the invention of "improvements in presses for copying letters and other documents, and for other uses."

688. And to Edmund Barber, of Tring, Hertfordshire, for the invention of "improvements in

mangles."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of March,

- 690. To Thomas Heaton, of Blackburn, in the county of Lancaster, Engineer, for the invention of "improvements in self-acting doors and gate-ways."
- 691. To James Bryant the younger, of Plymouth, in the county of Devon, Sugar Refiner, for the invention of "improvements in machinery or apparatus for the re-burning of animal charcoal."
- 692. To James Robertson, of Ardrossan, in the county of Ayr, North Britain, Engineer, for the invention of 'improvements in transmitting motive power."
- 694. To Peter Brown, of Liverpool, in the county of Lancaster, Corn Merchant, and George Brown, of the same place, Corn Merchant, for