616. And Thomas Thornton, Edwin Thornton, and Robert Thornton, of Elland, in the county of York, Manufacturers, have given the like notice in respect of the invention of "improvements in machinery or apparatus for preparing wool or other fibrous substances for spinning.

617. And John Clinton, of 35, Percy-street, Tottenham-court-road, in the county of Middlesex, Professor of Music, has given the like notice in respect of the invention of "improvements in

the construction of flutes.

623. And Samuel Hall Foster and Thomas Bunney, of Leicester, Manufacturers, and James Anderson, of the same place, Overlooker, have given the like notice in respect of the invention of "improvements in means or apparatus for the manufacture of looped

624. And John Miller, of Upwey, near Dor-chester, in the county of Dorset, Gentleman, has given the like notice in respect of the invention of "improvements in horticultural buildings and other glazed structures, part of which improvements is also applicable to venti-

lating other buildings."
626. And Thomas Westwood Osborne, Lamp Maker, of Aston New Town, in the county of

Warwick, has given the like notice in respect of the invention of "certain improvements in

632. And William Henry Buckland, of Bargeyard, in the city of London, Gentleman, has given the like notice in respect of the invention of "improvements in the mode of, and in the apparatus for, producing gas for illuminating and heating purposes, parts of which improvements are also applicable for increasing the illuminating and heating power of ordinary lighting gas."

As set forth in their respective petitions, all recorded in the said office on the 5th day of

March, 1863.

635. And Alexander Woodlands Makinson, of Westminster, in the county of Middlesex, Civil Engineer, has given the like notice in respect of the invention of "improvements in locomotive

and stationary engines."

642. And Thomas George Webb, of Manchester, in the county of Lancaster, Glass Manufacturer, has given the like notice in respect of the invention of "improvements in the manufacture of articles of pressed glass."

As set forth in their respective petitions, both recorded in the said office, on the 6th day of

March, 1863.

648. And Henri Adrien Bonneville, Patent Agent, of the British and Foreign Patent Offices, 34, Ru du Mont Thabor, Paris, in the Empire of France, has given the like notice in respect of the invention of "a new aromatic vinegar for removing stains from cloth and other materials."-A communication from Philippe Prudon and Edouard Cari Mantrand, Chemists, residing at Issy, near Paris, in the Empire of France.

649. And James Isherwood, of Sharples, near Bolton, in the county of Lancaster, Yarn Bleacher, has given the like notice in respect of the invention of "improvements in working. presses for making up yarn in bundles."

652. And William Inglis, of Edinburgh, North Britain, and of Montreal, Canada, Engineer, has given the like notice in respect of the invention of "improvements in steam boilers and engines."

As set forth in their respective petitions, all

recorded in the said office on the 9th day of March, 1863.

662. And Richard Archibald Brooman, of 166, Fleet-street, in the city of London, Patent Agent, has given the like notice in respect of the invention of "improvements in voltaic belts and bandages."—A communication to him from abroad by Florent Babin, of Paris, France.

672. And Joseph Renshaw, of the city of Manchester, Machinist, has given the like notice in respect of the invention of "improvements in machinery for dressing, raising, and brushing silk and cotton velvets, velveteens, cords, plushes,

and other piled fabrics."

673. And William Rosseter, of Accrington, in the county of Lancaster, Mechanic, has given the like notice in respect of the invention of "improvements in back beam warping machines.

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

March, 1863.

676. And Louis Desens, of Paris, Boulevart, Bonne Nouvelle, No. 35 (French Empire), Gentleman, has given the like notice in respect of the invention of "an improved bath or bathing machine, adapted for deep water."

677. And William Clark, of No. 53, Chancerylane, in the county of Middlesex, Engineer and Patent Agent, has given the like notice in respect of the invention of "improvements in breech-loading fire-arms."-A communication to him from abroad by Charles Auguste Cancalon, of No. 29, Boulevart, St. Martin, Paris, Registrar.

As set forth in their respective petitions, recorded in the said office on the 12th day of March,

681. And John Harris, of Pontypool, in the county of Monmouth, Iron Plate Roller, and Joseph Butler, of Pontypool aforesaid, Iron Manufacturer, and John Henry Fraser, of Llanvrechva, Upper, in the county of Monmouth aforesaid, Mauufacturer, have given the like notice in respect of the invention of "improvements in machinery for rolling armour-plates, bridge-plates, boat-plates, and other plates and bars of iron.'

687. And John Henry Johnson, of No. 47, Lincoln's-inn Fields, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in fastenings, suitable for portions of harness and other purposes."-A communication to him from abroad by Victor Gueldry, of Paris, in the Empire of

France.

As set forth in their respective petitions, both recorded in the said office on the 13th day of March, 1863.

694. And Joseph Tangye, of the firm of Tangye Brothers, and Price, of Birmingham, in the county of Warwick, Manufacturers, has given the like notice in respect of the invention of "improvements in portable hydraulic punching machines.

As set forth in his petition, recorded in the said office on the 14th day of March, 1863.

703. And Thomas William Willett, of No. 31, Charing-cross, in the county of Middlesex, Captain, has given the like notice in respect of the invention of "improvements in means for reefing and furling square sails of ships and vessels from the decks thereof."

As set forth in his petition, recorded in the said

office on the 16th day of March, 1863.