621. To Edward Thomas Hughes, of the firm of Hughes and Son, 123, Chancery-lane, London, Patent Agents, for the invention of "a hydrodynamical re-acting rotary steam engine."—A communication to him from abroad, by William Henry Christian Voss, Civil Engineer, of Stuttgart, in the Kingdom of Wurtemberg.

623. To Charles André Chapuis, of 29, Boulevart St. Martin, Paris, in the Empire of France, Chemist, for the invention of "a new or improved process in manufacturing and ornamenting ceramic products chemically."

624. To Arthur Paget, of Loughborough, in the county of Leicester, Manufacturer, for the invention of "improvements in knitting machinery"

625. To John Imray, of 65, Bridge-road, Lambeth, in the county of Surrey, Engineer, and James Copeland, of 12, Marlborough-place, Kennington, in the same county, Engineer, for the invention of "improvements in steam and other hammers, and anvils."

626. And to William Beardmore, of Deptford, in the county of Kent, Engineer, and William Rigby, of Glasgow, Engineer, for the invention of "improvements in steam engines."

On their several petitions, recorded in the Office of the Commissioners on the 7th day of March, 1863.

628. To William Goddard, Engineer, of Park Hall, in the parish of Caverswall, in the county of Stafford, for the invention of an "improvement in railway chairs."

629. To Thomas Veal, of Willenhall, in the county of Stafford, Manufacturer, for the invention of "improvements in curry combs."

631. To George Henry Birkbeck, Engineer and Patent Agent, of No, 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, for the invention of "improvements in floating docks."—A communication to him from abroad, by William Wain, of Copenhagen, in the Kingdom of Denmark.

633. To John Bell, of Manchester, in the county of Lancaster, Engineer, and William Cutts, of Salford, in the said county, Engineer, for the invention of "improvements in steam engines."

634. To William Palliser, of Comragh, in the county of Waterford, Captain H.M. 18th Hussars, for the invention of "improvements in breech loading rifles and other guns, and in cartridges to be used with such like firearms, also in shot used with rifled guns."

635. To George Shearman, of Haggerston, in the county of Middlesex, Gas Meter Manufacturer, for the invention of "improvements in water

gas meters."

636. To George Spiller, of No. 15, Upper Southwick-street, in the county of Middlesex, a Lieutenant-Colonel in Her Majesty's Royal Artillery, for the invention of "improvements in knapsacks."

637. And to John Napier, of Glasgow, in the county of Lanark, Scotland, Engineer, for the invention of "improvements in steam engines." On their several petitions recorded in the Office of the Commissioners on the 8th day of March, 1860.

638. To Joshua Lister, of Oldham, in the county of Lancaster. Foreman, and John Lees, of the same place, Tin Plate Worker, for the invention of "improvements in the construction of oil cans."

639. To William Richards, of the firm of Messieurs
Samuel Richards and Sons, of 'The Sand Field
Works,' Canning-street, in the town and county

of the town of Nottingham, Bleachers, Brushers, and Finishers of Hosiery Goods, for the invention of "cleansing, rinsing, or scouring, lace, hosiery, or other articles, whether made of silk, cotton, or other material from extraneous matter."

640. To Catherine Sheldon, of Saint George'splace, Great Hampton-row, Birmingham, in the
county of Warwick, Spur Manufacturer, for the
invention of "certain improvements in ornamenting spurs, and other metal portions of
saddlery and harness furniture, and which said
improvements are also applicable for ornamenting other fancy articles made of wrought or cast
metal."

641. To Charles Frederick Bielefeld, of Gowerstreet, in the county of Middlesex, for the invention of "improvements in the manufacture of wads for guns, and in cases for containing the charge of powder for the same."

642. To Joseph Sawyer, of London, in the county of Middlesex, Engineer, for the invention of "improvements in the construction of furnaces for steam boilers and other purposes."

643. To William Clay, of Liverpool, in the county of Lancaster, Iron and Steel Manufacturer, for the invention of "improvements in the manufacture of gun barrels, cannon, and other ordnance."

644. To William Edward Newton, of the Office for Patents, No. 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved mode of attaching tools to handles."—A communication to him from abroad, by James Ezekiel Emerson, of San Francisco, California, United States of America.

645. And to Thomas Smith, of Manchester, in the county of Lancaster, Silk Finisher and Embosser, for the invention of "improvements in machinery or apparatus for ornamenting woven fabrics."

On their several petitions, recorded in the Office of the Commissioners on the 9th day of March, 1860.

647. To José Luis, of the British and Foreign Office for Patents, No. 1B, Welbeck-street, Cavendish-square, in the county of Middlesex, Patent Agent, for the invention of "an improved means of blasting rocks."—A communication to him from abroad, by Charles Honoré Hypolite Lepetit, of Cherbourg, in the Empire of France.

648. To José Luis, of the British and Foreign Office for Patents, No. 1B, Welbeck-street, Cavendish-square, in the county of Middlesex, Patent Agent, for the invention of "an improved mechanical damask loom."—A communication to him from abroad, by Philippe Joseph Galvaire, of Arras, Pas de Calais, in the Empire of France.

649. To John Strickland Ottley, of No. 10, Eversholt-street, Oakley-square, in the county of Middlesex, for the invention of "an improved indicator for registering the withdrawal of liquids from casks or other vessels."

650. To James Hadden Young, of No. 66, Great College-street, Camden Town, London, county of Middlesex, for the invention of "improvements in setting up (composing) and distributing types."

651. To James Rae, of New Cross, in the county of Kent, Ship builder, for the invention of "improvements in constructing iron ships, part of which improvements is applicable to the rivetting of boiler plates and others."