

Poor Cilley, both of Manchester, in the State of New Hampshire, and United States of America. On their several petitions, recorded in the Office of the Commissioners on the 2nd day of March, 1861.

543. To Ephraim Sabel, of Moorgate-street, in the city of London, Merchant, for the invention of "improved apparatus to be used in the manufacture of paper, applicable also to controlling the motion of travelling webs and fabrics."—A communication to him from abroad by F. Thiry, of Huy, in the Kingdom of Belgium, Engineer.

545. To John James, of Princes-street, Leicester-square, in the county of Middlesex, for the invention of "an improved instrument for sharpening slate-pencils, black-lead-pencils, lead-pencils, crayons, and such like articles."

547. To Samuel Anderson Emery, of Arundel-street, in the county of Middlesex, Comedian, for the invention of "improvements in portable apparatus for transporting locomotive engines and trains from one line of rails to another."

548. To Robert Murphy, of Crumlin-road, Belfast, in the county of Antrim, Machine Fitter, for the invention of "improvements in looms for weaving."

549. To Hermann Hirsch, of Berlin, in the Kingdom of Prussia, and of Bridge-road, Lambeth, in the county of Surrey, Civil Engineer, for the invention of "improvements in insulating, and covering the conducting wires used for telegraphic purposes."

550. To George Wilson, Junior, of Sheffield, Steel Manufacturer, for the invention of "an improved construction of railway buffer."

551. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "an improved construction of hook for hook and eye fastenings."—A communication to him from abroad by Alvin Childs Mason, Henry Hubbard Mason, and David McAllister Smith, of Springfield, Windsor county, in the State of Vermont, United States of America.

552. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements in machinery for making bullets."—A communication to him from abroad by Richard Gornall, and William John Hooper, of Baltimore, in the state of Maryland, and United States of America.

553. And to William Kay, of Bolton le-Moors, in the county of Lancaster, Cashier, and Isaac Kay, of Lever-bridge, near Bolton-le-Moors aforesaid, Doubler, for the invention of "improvements in machinery for doubling and double twisting yarn."

On their several petitions, recorded in the Office of the Commissioners on the 4th day of March, 1861.

555. To Thomas Scott, of Newcastle, County Down, Ireland, for the invention of "improvements in the construction of roadways and tramways."

556. To Edwin Whittaker, Spinner and Manufacturer, and Jeremiah Clare, Carder, both of Hurst, in the county of Lancaster, for the invention of "improvements in machinery, or apparatus for preparing cotton or other fibrous materials to be spun."

557. To William Hair Haseler, Jeweller, of 42, Vyse-street, Birmingham, Warwickshire, for the invention of "improvements in joints or hinges for jewellery and other articles having

or admitting of metal joints or hinges, also for improvements in the manner or means of suspending such articles by or with such joints or hinges."

558. John Money Carter, of Somerset House, Monmouth, in the county of Monmouth, Adjutant of the Royal Monmouthshire Militia, for the invention of "improvements in boots or other coverings for the feet."

559. To George Henry Birkbeck, of the firm of Tongue and Birkbeck, of 34, Southampton-buildings, Chancery-lane, in the county of Middlesex, Patent Agents and Engineers, for the invention of "improvements in pistons for pumps, steam engines, or other purposes."—A communication to him from abroad by Narcisse Ponche, Manufacturer, Joseph Scellier, Locksmith, and Marie Pierre André Brasseur, Merchant, all of Paris, in the Empire of France.

560. To Robert Brearley the younger, of Batley, in the county of York, Manufacturer, for the invention of "improvements in treating woollen and union cloths for surface finish."

561. To Emile Alcan, of Coleman-street-buildings, in the city of London, Gentleman, for the invention of "a method of simultaneously marking and piercing or perforating plates of metal, cardboard, paper, and other material employed in looms for weaving figured fabrics."—A communication to him from abroad by Michel Alcan, of Paris.

562. To Charles Hanson, of Haymarket, in the city of Westminster, Gun Maker, for the invention of "an improved method of igniting or firing gunpowder, gun cotton, and other like explosive compounds in large and small fire arms and ordnance, applicable also to the firing of explosive compounds generally."

563. To Alfred Vincent Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Mechanical Draughtsman, for the invention of "improved machinery for forging horse shoe nails, spikes, and other like articles."—A communication to him from abroad by Benjamin A. Mason, of Newport, in the State of Rhode Island, and United States of America.

365. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "an improved fastening for buttons, studs, breast pins, brooches, and other articles."—A communication to him from abroad by W. Kuplenschmidt, of the city of New York.

566. To Andrew Gibson Corbett, of Glasgow, in the county of Lanark, North Britain, Merchant, for the invention of "improvements in constructing and draining floors, suitable for stables and other places."

567. And to John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, and of 166, Buchanan-street, in the city of Glasgow, North Britain, Gentleman, for the invention of "improvements in apparatus for administering medicated and voltaic baths."—A communication to him from abroad by Edmond Hiffelsheim, Gustave Hagen, and Paul Baudet, all of Paris, in the Empire of France.

On their several petitions, recorded in the Office of the Commissioners on the 5th day of March, 1861.

568. To George Benjamin Vaughan Arbuckle, of Charlton, Kent, Captain in H. M. Army, and Thomas Scott, of Bedford-street, in the county of Middlesex, Land Agent, for the invention of "an improvement in the locks of fire-arms."