Patent Law Amendment Act, 1852.

Office of the Commissioners of Patents for Inventions.

NOTICE is hereby given, that-

3020. William Thomas Henley, of 46, St. Johnstreet-road, London, Telegraph Engineer, has given notice at the Office of the Commissioners of his intention to proceed with his application for letters patent for the invention of "improvements in ropes and cables for telegraphic or other purposes, and in machinery used in the manufacture of such and other ropes and cables."

As set forth in his petition, recorded in the said office on the 5th day of December, 1857.

- 3036. And Charles Nightingale, of Wardourstreet, Soho, in the county of Middlesex, Bedding Manufacturer, has given the like notice in respect of the invention of "improvements, in machinery for feeding hair and fibres intended to be spun or twisted."
- 3038. And William Jones Ward, of Chorlton-on-Medlock, Manchester, in the county of Lancaster, Chemist, has given the like notice in respect of the invention of "improvements in dyeing and printing textile fabrics and materials, and in apparatus connected therewith."

As set forth in their respective petitions, both recorded in the said office on the 8th day of December, 1857.

3047. And John Haddon, of the firm of Haddon and Hitchen, Screw Manufacturers, Glover-street Works, Birmingham, in the county of Warwick, has given the like notice in respect of the invention of "certain improvements in the manufacture of wood screws, a portion of which is also applicable in the manufacturing of certain descriptions of nails."

As set forth in his petition, recorded in the said office on the 9th day of December, 1857.

3052. And Isaac Arrowsmith Best, of Saint Paul's-square, Birmingham, in the county of Warwick, Surgical Mechanist, has given the like notice in respect of the invention of "a new or improved mode of manufacturing printing types."

As set forth in his petition, recorded in the said office on the 10th day of December, 1857.

- 3055. And Joseph Tanton, of Frederick-street, Caledonian-road, in the county of Middlesex, Veterinary Surgeon, has given the like notice in respect of the invention of "improvements in shepherd's crook's."
- 3057. And John Stather, of Hull, in the county of York, Printer, has given the like notice in respect of the invention of "improvements in producing surfaces in imitation of wood for printing from."
- 3058. And William Denne, of the County Lunatic Asylum, Bedford, Surgeon, has given the like notice in respect of the invention of "improvements in apparatus used for lifting patients off beds, and other surfaces used for reclining upon."
- 3060. And Julius Roberts of St. Leonard's Iron Works, Poplar, in the county of Middlesex, Captain in the Royal Marine Artillery, and Miles Beale, of Surrey-street, Strand, in the city of Westminster, Navy Agent, have given the like notice in respect of the invention of "improved machinery for obtaining and apply-

ing motive power applicable chiefly to the working of ships' pumps and other mechanism on ship board."

As set forth in their respective petitions, all recorded in the said office on the 11th day of December, 1857.

- 3062. And Frederick Walton, of Haughton Dale Mills, near the city of Manchester, Card Manufacturer, has given the like notice in respect of the invention of "improvements in the manufacture of rollers used in machinery for preparing and spinning fibrous materials, and for other purposes where elastic pressure is required, also in the machinery employed in the manufacture of the said rollers."
- 3068. And Henry Duncan Preston Cunningham, of Bury, in the county of Hants, Esquire, has given the like notice in respect of the invention of-"improvements in reefing and furling sails." As set forth in their respective petitions, both recorded in the said office on the 12th day of December, 1857.
- 3070. And Horatio Bunting, of Colchester, in the county of Essex, Seed Grower, has given the like notice in respect of the invention of "improved apparatus for obtaining and applying motive power."

As set forth in his petition, recorded in the said office on the 14th day of December, 1857.

- 3076. And William Smith, of No. 10, Salisbury-street, Adelphi, Civil Engineer, has given the like notice in respect of the invention of "improvements in chromotypographical printing presses."—A communication from A. E. Rochette, of Vannes, but now of No. 36, Rue de l'Echiquier, Paris.
- 3079. And James Chadwick, of Castleton Print Works, near Rochdale, in the county of Lancaster, Manager, has given the like notice in respect of the invention of "improvements in rollers or cylinders for printing or staining the surfaces of woven fabrics, yarns, paper, and other materials."
- 3084. And Thomas Howard, of the King and Queen Iron Works, Rotherhite, Surrey, Engineer, has given the like notice in respect of the invention of "improvements in machinery or apparatus for rolling iron bars used in the construction of suspension bridges and otherwise."
- 3085. And George Allen Everitt, of Birmingham, in the county of Warwick, Manufacturer, has given the like notice in respect of the invention of "improvements in the manufacture of tubes or cylinders of copper or alloys of copper."

As set forth in their respective petitions, all recorded in the said office on the 15th day of December, 1857.

3091. And Edwin Hills, of Warsash, in the parish of Titchfield, in the county of Southampton, Merchant, has given the like notice in respect of the invention of "improvements in the manufacture of white lead, and in the working up of the waste materials."

As set forth in his petition, recorded in the said office on the 16th day of December, 1857.

3095. And Montague John Turner and Marcus William Turner, of Woodcote, in the county of Surrey, Esquires, have given the like notice in respect of the invention of "the improvement of conduit pipes and tubes for sewers, drains, conduits, gas and other purposes."