

1060. And Archibald Samuels Campbell, of Hampstead, in the county of Middlesex, Gentleman, has given the like notice in respect of the invention of "improvements in the refrigeration of liquids."

As set forth in their respective petitions, all recorded in the said office on the 12th day of April, 1862.

1061. And James Park, of Bury, in the county of Lancaster, Engineer, has given the like notice in respect of the invention of "certain improvements in or applicable to steam engines."

1062. And Edward Peyton, of Birmingham, in the county of Warwick, Manufacturer, and William Fothergill Batho, of the same place, Manager, have given the like notice in respect of the invention of "improvements in angle iron applicable to metallic bedsteads, roofs, bridges, and other similar purposes."

1063. And John Frederick Spencer, of Newcastle-on-Tyne, Consulting Engineer, has given the like notice in respect of the invention of "improvements in steam engines."

1069. And Joseph Kaye Hampshire, of the parish of Whittington, in the county of Derby, Civil Engineer, has given the like notice in respect of the invention of "a safety cage with disconnecting catch to prevent accidents in the working of coal or other mines, arising from the overwinding or breaking of the ropes, or other parts used for hoisting purposes."

1075. 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 pumps."—A communication to him from abroad by Jean Marie Henri Paul Metivier, of 34, Rue Keller, Paris, France.

1076. 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 "an improved hobby horse."—A communication to him from abroad by Amedée Constant Ponceau, of Rue des Vieux Augustins, Paris, France.

As set forth in their respective petitions, all recorded in the said office on the 14th day of April, 1862.

1077. And Charles James Coxhead, of No. 10, Emeis-terrace, Kentish Town, in the county of Middlesex, late of Castle-street, Shrewsbury, in the county of Salop, has given the like notice in respect of the invention of "improvements in pianoforte actions."

1081. And François Alexandre Le Mat, of New Orleans, in the United States of America, Colonel Aide-de-Camp, and Charles Frederic Girard, of Washington, in the United States of America, Doctor of Medicine, have given the like notice in respect of the invention of "improvements in the construction of revolving and repeating fire arms, part of which invention is also applicable to other arms."

1082. And Richard Roche, of Southsea, in the county of Hants, Lieutenant Royal Navy, has given the like notice in respect of the invention of "an improvement in gun carriages."

1086. And John Platt, of Oldham, in the county of Lancaster, Mechanical Engineer, and William Cheetham, of Moscow, in the Empire of Russia, but now residing at Oldham aforesaid, Manager, have given the like notice in respect of the invention of "improvements in looms for weaving."

1087. And John Platt, of Oldham, in the county of Lancaster, and William Richardson, of the

same place, Mechanical Engineers, have given the like notice in respect of the invention of "improvements in machinery or apparatus for cleaning wool and other hairs of animals from burrs and other foreign matters."

1088. And Richard Atkinson Peacock, of Saint Helier, in the Island of Jersey, Civil Engineer, has given the like notice in respect of the invention of "improvements in constructing and working lock gates for docks, harbours, canals, and navigable, rivers."

1091. And Ferdinand Carl Philippson, of Münzstrasse, Berlin, in the Kingdom of Prussia, has given the like notice in respect of the invention of "improvements in steam hammers."—A communication to him from abroad by Louis Schwartzkopff, a person residing at Chaussée-trasse, Berlin aforesaid.

As set forth in their respective petitions, all recorded in the said office on the 15th day of April, 1862.

1098. And Walter Ferguson Lock, of Haylands, near Ryde, in the Isle of Wight, Esquire, has given the like notice in respect of the invention of "an elongated projectile to be shot from smooth bored ordnance, and which shall retain, during its flight, the longer axis in the direction of its line of flight, similarly to elongated projectiles propelled from rifled ordnance."

1104. And Frederic Pelham Warren, of East Court, Cosham, in the county of Hants, Commander in the Royal Navy, has given the like notice in respect of the invention of "improvements in apparatus for steering sea going vessels."

1105. And Matthew Cartwright, of St. John's-row, Hoxton, in the county of Middlesex, Dentist, has given the like notice in respect of the invention of "improvements in the manufacture of models and of plates or pieces for artificial teeth, and in combining or amalgamating indiarubber and gutta percha with metals for the manufacture of artificial plates or pieces, and for other purposes."

1110. And 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, has given the like notice in respect of the invention of "improvements in machinery or apparatus for cutting the teeth of wheels, racks, or segments."—A communication to him from abroad by Ludwig Philipp Schultz, Carl Schultz, and Adolph Schultz, all of Mayence, in the Kingdom of Prussia, Engineers.

As set forth in their respective petitions, all recorded in the said office on the 16th day of April, 1862.

1122. And James Murphy, Senior, of Glasgow, in the county of Lanark, North Britain, Pattern Designer, has given the like notice in respect of the invention of "improvements in looms."

1128. 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 taps and valves."—A communication to him from abroad by Jean Antoine Clement, Antoine Crozy, and André Morateur, all of 23, Boulevard de Strasbourg, Paris, France.

1129. 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 buffing apparatuses and in draw springs."—A communication to him from abroad by Richard Dover Chatterton, of Coburg, Canada West.