1039. To Alfred Heaven, of Manchester, in the | 1063. To George Britain Palmer, of Hammercounty of Lancaster, Embroiderer, for the invention of "improvements in the manufacture of table covers and covers for other articles of

1041. To James Langton Clarke, of The Common, Ealing, in the county of Middlesex, Clerk in Holy Orders, for the invention of "improvements in means and apparatus for fitting candles to candlesticks."

1043. To Newton Athow, of Plaskynaston, in the county of Denbigh, for the invention of "improvements in the production of colors for dyeing, printing, and staining."

1047. To Henry Harrison Doty, of Bury-street, Saint James's, in the county of Middlesex, Gentleman, for the invention of "improvements applicable to burners for railway and other

lamps."

1049. To John Thomas and Herbert Llewellyn -Morris, both of Penclawdd, in the county of Glamorgan, Tin Plate Manufacturers, for the invention of "improvements in cleaning or finishing metal plates, after they have been coated with tin or other metals or alloys."

1051. And to William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in apparatus for supplying locomotive-tenders with water."—A communication to him from abroad by William Edgar Prall, of Washington, District of Columbia, United States of America.

On their several petitions, recorded in the Office of the Commissioners on the 20th day of March,

1873.

1053. To John Towlson, of Norwich, in the county of Norfolk, Engineer, for the invention of "improvements in machinery or apparatus

for decorticating and cleaning grain."

1054. To John William Gray, of the Office for Patents, 16, Southampton-buildings, in the county of Middlesex, Consulting Engineer, for the invention of "improvements in paving-blocks or flags."—A communication to him from abroad by Charles Felix Sebille, of Paris, in the Republic of France, Civil Engineer.

1055. To Peter Jensen, of 89, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in manures."-A communication to him from abroad by Edmond Julius Erichsen, of Copen-

hagen, in the Kingdom of Denmark.

1057. To William Morgan-Brown, of the firm of Brandon and Morgan-Brown, Engineers and Patent Agents, of 38, Southampton-buildings, London, and 13, Rue Gaillon, Paris, for the invention of "improvements in combination or permutation padlocks, either alone or in adaptation to locks of any usual construction."-A communication to him from abroad by Hugo, Count Von Seilern, of 13, Rue Gaillon, Paris, France.

1058. To John Wain, of Levenshulme, near Manchester, in the county of Lancaster, Machinist, for the invention of "improvements in

mules for spinning and doubling.

1059. To Thomas Henderson Forrest, of Irvine, in the county of Ayr, North Britain, Engineer, for the invention of "improvements in steam

1060. To Horace James Fairchild, of Manchester, in the county of Lancaster, for the invention of "an improved pressure gauge."—A communication to him from abroad by John Wesley Stiles, of the city of New York, in the United States of America,

smith, in the county of Middlesex, for the invention of "improvements in ball valves.

1064. 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 fog signals for railways."-A communication to him from abroad by Eugene François Désiré Ruggieri, of Paris, in the Republic of France.

1065. To David Gilbert, of Birmingham, in the county of Warwick, Manufacturer, for the invention of "improvements in buttons."

1066. To Edgar Williman Jobson, of Derby, in the county of Derby, for the invention of "improvements in apparatus for controlling the supply of water to water-closets, urinals, and such like places, and in effecting the measurement of the water supplied for such and other purposes."

1067. To Isac Louis Pulvermacher, of 168 and 194, Regent-street, in the county of Middlesex, Electrical Engineer, for the invention of "improved means of and appliances for the application of magnetism in connection with electricity

for curative purposes."

1069. And to Francis Healy, of the city of Dublin, Ireland, for the invention of "improvements in the construction of machinery for raising and treating peat, and for the manufacture of the same into fuel."

On their several petitions, recorded in the Office of the Commissioners on the 21st day of March, 1873.

1070. To Henry Martin, of 13, Surrey-square, Old Kent-road, in the county of Surrey, Land Agent, for the invention of "improvements in the manufacture of concrete and other bricks or . blocks applicable to building purposes, and a machine or apparatus for such purpose worked on the lever principle and arranged throughout so as not to be costly in its construction."

1071. To Richard William Attwood, of 85, Gracechurch-street, in the city of London, for the invention of "an improved hydraulic motive

power machine."

1072. To Charles Weightman Harrison, of High Holborn, in the county of Middlesex, Gentleman, for the invention of "improvements in apparatus for charging or impregnating atmospheric air with the vapour of hydrocarbon liquids."

1073. To Peter Jensen, of 89, Chancery-lane, in the county of Middlesex, Engineer and Patent Agent, for the invention of "improvements in the construction and arrangement of coke ovens, and of salt evaporating pans heated therefrom."-A communication to him from abroad by Egmond Julius Erichsen and Jörgen Geörg Maardt, both of Copenhagen, in the Kingdom of Denmark.

1075. To Charles Parkinson, of Accrington, in the county of Lancaster, Manager, for the invention of "improvements in machinery for

beaming or warping yarn."
1076. And to Henry Bessemer, of Denmark Hill, in the county of Surrey, for the invention of "improvements in apparatus to be employed on board ship for controlling, regulating, and indicating the motions of suspended saloons, floors, or platforms, applicable also for the discharge of marine artillery."

On their several petitions, recorded in the Office of the Commissioners on the 22nd day of March,

1873.

1077. To James John Myers, of Orchard-street, in the town and county of the town of Southampton, Engineer and Machinist, for the in-