

4234. To William Birch, of the city of Manchester, in the county of Lancaster, Machine Maker, for the invention of "improved arrangements and apparatus applicable to machinery for opening, smoothing, spreading, and guiding calico, cloth, and other fabrics for the use of bleachers, dyers, calico printers, and others."
4235. To Nathaniel Lloyd, of the city of Manchester, in the county of Lancaster, for the invention of "improvements in the mode or method of obtaining heat for heating steam boilers and for other purposes, and in the apparatus used therefor."
4236. To John Addy Hopkinson and Joseph Hopkinson, both of Huddersfield, in the county of York, Engineers, for the invention of "improvements in steam boilers and in apparatus to be used therewith."
4237. To Michael Henry, of Fleet-chambers, 68, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in the manufacture of boxes, cases, or receptacles especially applicable for holding edible substances, and in apparatus employed in such manufacture."—A communication to him from abroad by La Société E. Peltier et A. Paillard, of 17, Boulevard Saint Martin, Paris, France.
4238. To William Robert Lake, of the firm of Haseltine, Lake, & Co., Patent Agents, Southampton-buildings, London, for the invention of "improvements in baking ovens."—A communication to him from abroad by Jesse Albert Locke, of the city and State of New York, United States of America.
4239. To James Stead Crosland, of the city of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in arrangements for economising fuel and consuming smoke in steam boiler and other furnaces."
4240. To John Wickliffe Eginton, of Hamilton, in the Province of Ontario, Canada, but now residing at Birmingham, in the county of Warwick, Merchant, for the invention of "improvements in lanterns and other kinds of lamps for burning kerosine and other volatile liquid hydro-carbons."—A communication to him from abroad by John Henry Stone, of Hamilton, in the Province of Ontario, Canada.
4241. To Thaddeus Hyatt, of Gloucester-gardens, Hyde Park, in the county of Middlesex, for the invention of "improvements in the treatment of asbestos, and in its application to various useful purposes in the arts and manufactures."
4242. And to Edward Morewood, late of Rock Cottage, Briton Ferry, in the county of Glamorgan, now of Llanelly, Carmarthenshire, and John Henry Rogers, of Llangennech Park, near Llanelly, in the county of Carmarthen, Tin Plate Manufacturers, for the invention of "improvements in coating metal plates with tin or terne metal."
- On their several petitions, recorded in the Office of the Commissioners on the 24th day of December, 1873.
4243. To Thomas Gardner, of Saint Helens, in the county of Lancaster, Draughtsman, for the invention of "improvements in miners' safety lamps."
4244. To Thomas Singleton, of Over Darwen, in the county of Lancaster, Gentleman, for the invention of "improvements in machinery or apparatus used in the preparation of yarns, and in the manufacture thereof into textile fabrics."
4245. To Edward Kaulbach, of 21, Gower-street, Bedford-square, in the county of Middlesex,

- Gentleman, for the invention of "a new and improved system of permanent-way."
4246. To John Thompson, of the firm of Messrs. Curtis, Sons, and Company, of Manchester, in the county of Lancaster, Machine Maker, and William Henry Rhodes and John Wain, of the same place, Foremen, for the invention of "improvements in machinery for preparing, spinning, and doubling cotton and other fibrous substances."
4248. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "an improved instrument or 'tonologue' to be used in teaching music."—A communication to him from abroad by Ferdinand Bellour and Mathieu Carbonel, both of Marseilles, Bouches du Rhône, France.
- On their several petitions, recorded in the Office of the Commissioners on the 26th day of December, 1873.
4249. To Edward Perrett, of No. 6, Great George-street, Westminster, in the county of Middlesex, Civil Engineer, for the invention of "improvements in floating swimming baths, and in supplying water to the same."
4250. To Alfred Hollingworth, of Quarry Mill, in the city and county of Perth, North Britain, Potato Merchant, for the invention of "improvements in the modes and means of dressing potatoes, and in the apparatus employed therefor."
4251. To Thomas Duncan McFarlane, of Glasgow, in the county of Lanark, North Britain, Machinist, for the invention of "improvements in apparatus for washing and wringing."
4252. To Frederick Horner, William Whitfield Horner, and Joseph Sibley, of the city of Manchester, in the county of Lancaster, Aërated Water Manufacturer, for the invention of "improvements in bottles, and in the mode of stopping or closing the same."
4253. To Henry Pignel, of Amiens, in the Department of the Somme, and Republic of France, Inspector of the Northern Railway of France, for the invention of "an improved signalling apparatus for use on railways."
4254. To Samuel Armitage, of Pendleton, in the county of Lancaster, Manufacturer, and William Taylor, of Oldham, in the same county, Cotton Spinner, for the invention of "improvements in safety lamps, and in apparatus for igniting the same."
4256. To Henry Joseph Alleyn, of the city of Dublin, Justice of the Peace, for the invention of "improvements in or connected with furnaces and other fire places or heating apparatus in feeding and stoking same, so as to consume smoke and noxious gas or air, and in the production, purification, and utilization of hot air and hot blasts, as well as the heating of water and other liquids."
4257. To Benjamin Harrison, of Kingsland, in the county of Middlesex, Engineer, for the invention of "improvements in traversing lifting jacks."
4258. To John Walker, of Glasgow, in the county of Lanark, North Britain, for the invention of "manufacturing biscuits from oats."
4259. And to Pierre Joseph Gillet, Merchant, of No. 6, Vieux Marché aux Grains, in the city of Brussels in the Kingdom of Belgium, for the invention of "improvements in the manufacture of carpets."
- On their several petitions, recorded in the Office of the Commissioners on the 27th day of December, 1873.