

- of sewer pipes, drain pipes, and modes of treating sewage."
4248. To Francis Shippobottom, of Bolton, in the county of Lancaster, Manager, and Thomas Battersby, of the same place, Carver, for the invention of "improvements in or applicable to skewers and creel frames used in machinery for preparing and spinning cotton and other fibrous materials."
4250. To James Aslin, of Birmingham, in the county of Warwick, Jeweller, and Richard Warner, of the same place, Commercial Traveller, for the invention of "an improved brooch fastener."
4252. To Robert Hedley, of Blackwall, in the county of Middlesex, Engineer and Steam Launch Builder, for the invention of "improved apparatus, with hydraulic duplex action, for raising and lowering boats to and from ships, chiefly intended for raising and lowering steam launches."
4254. To Edmund Walker, of No. 11, Leadenhall-street, in the city of London, for the invention of "improved method of arranging or fitting tubes in boilers and for protecting the tube ends from the direct action of heat."—A communication to him from abroad by H. Pauksch, of Landsberg, in the Kingdom of Prussia.
4256. To George Eyre, of Codnor, in the county of Derby, for the invention of "improvements in apparatus for warming and ventilating."
4257. To Josiah Latimer Clark and John Standfield, both of 5, Westminster-chambers, Victoria-street, Westminster, for the invention of "improvements in apparatus for towing vessels along rivers and canals."
4260. To Absalom Evans, of Wolverhampton, in the county of Stafford, Foreman of Tin Plate Workers, for the invention of "improvements in and applicable to trunks and like receptacles for containing wearing apparel and other requirements, which improvements are also applicable to deed boxes, cash boxes, and other like articles."
4262. To Edward Perrett, of 23, Abingdon-street, Westminster, Civil Engineer, for the invention of "improvements in filters, and in the method of cleaning the same."
4264. And to Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improvements in washing machines."—A communication to him from abroad by Jules Decoudun, of Paris, France.
- On their several petitions, recorded in the Office of the Commissioners on the 10th day of December, 1874.
4266. To William Raven, of the town of Leicester, for the invention of "improvements in machinery and apparatus applicable to circular machines for making ribbed looped fabrics."
4267. To Joseph Lambert De Montoisson, of Thurloe-square, London, for the invention of "improvements in tanning skins and hides."
4268. To William Stevenson, of Edinburgh, in the county of Midlothian, North Britain, Builder, for the invention of "improvements in lubricating the axles of window pullies."
4269. To John O'Connell Cave, of Weston-super-Mare, in the county of Somerset, for the invention of "improved apparatus for obtaining motive power."
4270. To John Hill and John Edwards Hey, both of Halifax, in the county of York, Ventilating Engineers, for the invention of "improvements in ventilators."
4271. To Hunter Henry Murdoch, of No. 7, Staple-inn, in the county of Middlesex, Patent Agent, for the invention of "improvements in screw taps."—A communication to him from abroad by Bernard Lietar, Mechanic, and Joseph Hippolyte Dupuis, Merchant, both of Brussels, in the Kingdom of Belgium.
4272. To John Charles Shaw, of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in the construction of tramways."
4273. To John Midgley, of Halifax, in the county of York, Woollen Spinner, for the invention of "improvements in carding engines."
4274. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "an improved apparatus for washing linen and other textile fabrics."—A communication to him from abroad by Jules Decoudun, of Paris, France.
4275. To Alexander Melville Clark, of 53, Chancery-lane, in the county of Middlesex, Patent Agent, for the invention of "improved apparatus for grappling and raising submerged objects."—A communication to him from abroad by Jean Baptiste Toselli, of Paris, France.
4276. And to Wilson Hartnell, of Rodborough, Stroud, in the county of Gloucester, for the invention of "improvements in tooling bolts and nuts."
- On their several petitions, recorded in the Office of the Commissioners on the 11th day of December, 1874.
4278. To Druitt Halpin, Engineer, Manager Victoria Graving Dock, London, for the invention of "improvements in floating docks."
4279. To Eli Stott, Machinist, William Cookson, Stafford, Foreman of Mechanics, and Timothy Taylor, Mill Manager, all of Ashton-under-Lyne, in the county of Lancaster, for the invention of "certain improvements in apparatus for lubricating the spindles employed in machinery for spinning, doubling, or twisting fibrous materials."
4280. To William Lee, of Manchester, in the county of Lancaster, for the invention of "improvements in the construction of universal chucks used in lathes and other similar machines."
4281. To William Wasteneys Smith, of Newcastle-on-Tyne, in the county of same town, Civil and Consulting Engineer, for the invention of "improvements in anchors."
4282. To John Henry Johnson, of 47, Lincoln's-inn-fields, in the county of Middlesex, Gentleman, for the invention of "improvements in the manufacture of hats and other coverings for the head."—A communication to him from abroad by Francois Antoine Joannon, of Paris, in the Republic of France, Merchant.
4284. To George Greig, of India-buildings, in the city of Edinburgh, for the invention of "improvements in wagons and in apparatus for distributing manure."
4285. To Frederick George Morton, of Lynton-street, Bermondsey, in the county of Surrey, Engineer, for the invention of "improvements in the method of, and apparatus for, separating coatings of tin solder or zinc or combinations thereof from iron."
4286. To George Grainger Tandy, of Penge, in the county of Surrey, Gentleman, and Frederick Henry Smith, of Peckham Rye, in the county of Surrey, Gentleman, for the invention of "improvements in lamps."