

513. To William John Hay, of Southsea, in the county of Hants, Experimental Chemist, for the invention of "an improved glue or composition, suitable for covering the caulking of ships and other like purposes, for uniting wood and other substances, for filling up seams, and for use as a waterproof glue or composition generally."
514. To Robert Laing, of Ince, near Wigan, in the county of Lancaster, Manufacturing Chemist, for the invention of "improvements in the treatment of certain ores containing metals, and in obtaining products therefrom."
515. To Robert Whittam, of Accrington, in the county of Lancaster, Engineer, for the invention of "improved modes of heating the feed water of steam boilers."
516. To Joseph Wilson, of Springfield Saw Mills, Manningham, near Bradford, in the county of York, Builder, for the invention of "improvements in means or apparatus employed in sawing wood."
517. To Thomas Newton, of Long Acre, in the county of Middlesex, Saddler, for the invention of "improvements in the accoutrements of horse soldiers' and other saddles."
518. To Charles Beslay, of Rue Menilmontant, Paris, in the Empire of France, Gentleman, for the invention of "improvements in the manufacture and renovation of woven fabrics."
519. To Robert Thompson, of New Charlton, in the county of Kent, Engineer, for the invention of "improved machinery for cutting or sawing wood, stone, or any material capable of being cut or sawn by a rapid reciprocating motion of the cutting or sawing blades."
520. And to William Rose and Thomas Crowder, of Gun Dock, Wapping, Shipwrights, for the invention of "improvements in apparatus employed for raising and supporting ships and vessels."
- On their several petitions, recorded in the Office of the Commissioners on the 28th day of February, 1861.
521. To William Galloway and John Galloway, both of Manchester, in the county of Lancaster, for the invention of "improvements in moulding wheels and other metal articles."
522. To John William Mott, of Lea-bridge-road, Clapton, in the county of Middlesex, India Rubber Manufacturer, for the invention of "improvements in purses, bags, reticules, pocket books, dressing cases, and other similar portable receptacles."
525. To Edward Thomas Hughes, of the firm of Hughes and Son, Patent Agents, 123, Chancery-lane, London, for the invention of "improvements in time pieces."—A communication to him from abroad by Monsieur Philippe, of Paris, in the Empire of France.
526. To George Smith, Ironfounder, and James Carrick, Hotel Proprietor, both of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in commodes or closets, and in bathing, washing, and other sanatory apparatus."
527. To Roger Howorth, of Blackburn, in the county of Lancaster, Reed Maker, for the invention of "certain improvements in the manufacture of healds for weaving, and in machinery or apparatus connected therewith."
528. To Levi Lemon Sovereign, of 302, Strand, in the county of Middlesex, for the invention of "an improved agricultural implement for cultivating land, and for sowing seed."—The result partly of a communication from abroad made to

him by Guiden Huntington, of Noridgeville, county of Oxford, Canada West, and partly of invention and discovery made by himself.

529. To Michael Henry, of 84, Fleet-street, in the city of London, Patent Agent, for the invention of "improvements in distilling and rectifying, and in apparatus employed therein."—A communication to him from abroad by Monsieur Ley, of 33, Boulevard Saint Martin, Paris, France.
530. And to Eugenius Birch, of 43, Parliament-street, in the city of Westminster, Engineer and Herman Dirs Mertens, of Margate, in the county of Kent, Gentleman, for the invention of "improvements in the permanent way of railways."
- On their several petitions recorded in the Office of the Commissioners on the 1st day of March, 1861.
531. To John Ellis and John Stringer, both of Droylsden, in the county of Lancaster, Engineers, and John Bradock, of the same place, Manager, for the invention of "certain improvements in apparatus for lubricating the piston rods, valve rods, pistons, and valves of steam engines, and other rods or shafts to which a to and fro motion is given."
532. Archibald Kennedy Irvine, of Glasgow, in the county of Lanark, North Britain, for the invention of "improvements in apparatus for stamping or marking letters or similar articles."
533. To Robt. Griffiths, of 69, Mornington-road, in the county of Middlesex, Engineer, for the invention of "improvements in the arrangements and construction of armour or iron clad steam or other ships."
535. To William Hendry, Brickbuilder, residing at No. 220, Thistle-street, Hutchesontown, of Glasgow, in the county of Lanark, for the invention of "improvements in the building of boilers and boiler flues for the consumption of smoke."
535. To Edward Joseph Hughes, of the city of Manchester, in the county of Lancaster, Patent Agent, for the invention of "certain improvements in knitting machines."—A communication to him from abroad by the McNary Knitting Machine Company, of the city and State of New York, U. S. of America.
537. To Charles Stevens, of 31, Charing-cross, in the county of Middlesex, Patent Agent, for the invention of "an ointment for the cure of sores."—A communication to him from abroad by Marc Pène, of 42, Rue Laffitte, Paris, in the Empire of France.
539. To George Grant Sanderson, of Park Gate Iron Works, near Rotherham, in the county of York, for the invention of "improvements in furnaces used in the manufacture of armour plates for ships and other structures."
540. To Jacques Bernard Chaussonot, of 2, Rue Sainte-Appoline, Paris, in the Empire of France, and of 4, South-street, Finsbury, London, Engineer, for the invention of "an improved apparatus for drawing off smoke and gases."
541. To Sebastiano Botturi, commonly called Sebastien Botturi, of Islington, in the county of Middlesex, Engineer, for the invention of "improvements in apparatus for weaving."
542. And to William Edward Newton, of the Office for Patents, 66, Chancery lane, in the county of Middlesex, Civil Engineer, for the invention of "improved machinery for folding paper."—A communication to him from abroad by Daniel Francis Buckley, and Bradbury