

464. (L.R.) 20th July, 1880. HENRY BARRETT, of Hampton, Middlesex, England.—Improvements in bottles and stoppers, and in apparatus for filling or charging the same.
465. (L.P.) 22nd July, 1880. JAMES WATKINS, of Dunedin, Otago, Merchant.—An invention for the manufacture of farinaceous food from New Zealand wheat.
466. (L.P.) 9th August, 1880. PATRICK JOSEPH DUNGAN, of Timaru, General Smith.—An improved mangle to be called "Dungan's Patent Paragon Mangle." (Not proceeded with.)
467. (L.P.) 16th August, 1880. ERNEST SOMERSET BOWDEN, of Wellington, Stationer.—An invention for separating and cleansing the fibre of the New Zealand flax (*Phormium tenax*) (Not proceeded with.)
468. (L.P.) 17th August, 1880. NEWENHAM ACTON GRAYDON, of Dunedin, New Zealand, Civil Engineer.—An improved kiln with improvements in burning bricks, tiles, and pottery
469. (L.P.) 21st August, 1880. RICHARD MORRIS, of Invercargill, New Zealand.—An instantaneous fire-escape. (Not proceeded with.)
470. (L.P.) 30th August, 1880. JAMES PALMER BLACK, of Nelson, Settler.—An escape door-fastener.
471. (L.R.) 28th August, 1880. THOMAS ALVA EDISON, of Menlo Park, New Jersey, United States of America.—Improvements in telephones.
472. (L.R.) 28th August, 1880. FRANCIS RAYMOND WELLES, Telegraph Engineer, WILLIAM HENRY MASTERS, Merchant, and THOMAS THEOPHILUS DRAPER, Merchant, all of Melbourne, Victoria.—Improvements in methods and appliances for telephonic communication, parts of which are applicable to other purposes.
473. (L.P.) 13th September, 1880. CHARLES FRENCH PEMBERTON, of Sefton, Ashley, New Zealand, Civil Engineer.—An invention for utilizing tallow or other materials for making candles.
474. (L.P.) 13th September, 1880. JOHN EVANS BROWN, of Christchurch, Gentleman.—A plough for the purpose of clearing stones and rubbish from out of the grooves and off the table of tramway rails.
475. (L.P.) 24th September, 1880. GEORGE ASHCROFT, of Petone, Hutt.—Machinery for pulverizing quartz, rocks, and earths, for sorting the powder so obtained, and for treating it with mercury, in order to obtain the greatest yield of gold from the sand, rocks, or earths, with the least loss of mercury
476. (L.P.) 6th October, 1880. VINCENT CAREY VENIMORE, of Havelock, Marlborough, Cabinetmaker, and JAMES HADFIELD SMITH, of the same place, Merchant.—A bi-gyratory lathe. (Not proceeded with.)
477. (L.P.) 6th October, 1880. VINCENT CAREY VENIMORE, of Havelock, Marlborough, Cabinet-maker, and JAMES HADFIELD SMITH, of the same place, Merchant.—A spherical castor. (Not proceeded with.)
478. (L.P.) 13th October, 1880. WILLIAM JOHN SILCOCK, of Ashburton.—An invention for filling ruts, and spreading shingle, and keeping roads in repair.
479. (L.R.) 18th October, 1880. JAMES KNOX NEWTON, of No. 5, King Street, Sydney, New South Wales, Engineer.—An improvement in the manufacture of a lubricant and cup, to be called "The Eureka Lubricating Compound Company's Lubricant and Cup."
480. (L.R.) 18th October, 1880. EDWIN ROBINS THOMAS, of Merrickville, New South Wales, and GEORGE COWDERY, of Burwood, New South Wales.—An automatic coupling and uncoupling apparatus for railway- and other rolling-stock.
481. (L.R.) 18th October, 1880. RAYMOND CAHNE, of Toulouse, in the Republic of France.—A new or improved blasting powder.
482. (L.R.) 18th October, 1880. JOSEPH STOKES WILLIAMS, of Riverton, New Jersey, United States of America, now of Glasgow, in the County of Lanark, North Britain, and JOHN EBENEZER WATSON, of Glasgow, Secretary of the Williams Railway Patent Company (Limited).—Improvements in railway crossings and switches, and in apparatus to be used in connection therewith.
483. (L.R.) 18th October, 1880. JOSEPH STOKES WILLIAMS, of Riverton, New Jersey, United States of America, now of Glasgow, in the County of Lanark, North Britain, and JOHN EBENEZER WATSON, of Glasgow, Secretary of the Williams Railway Patent Company (Limited).—Improvements in railway crossings and switches, and in apparatus to be used in connection therewith.
484. (L.R.) 18th October, 1880. THOMAS ALVA EDISON, of Menlo Park, in the State of New Jersey, United States of America, Electrician.—Improvement in electric lamps, and in the method of manufacturing the same.
485. (L.R.) 18th October, 1880. THOMAS ALVA EDISON, of Menlo Park, in the State of New Jersey, United States of America, Electrician.—Improvements in the utilization of electricity for light and heat and power, being an improved system and means for the generation, measurement, and translation of electricity into light, heat, and power.
486. (L.R.) 18th October, 1880. JOHN BERGER SPENCE, of Lombard Street, in the City of London, Merchant.—Improvements in the manufacture from metallic sulphides of compounds suitable either alone or as an ingredient for moulding, and for covering surfaces, and in the separation of mixed metallic sulphides.
487. (L.P.) 19th October, 1880. HENRY VERE BARCLAY, of Wanganui, Civil Engineer.—An invention for mechanically computing surveyors' calculations, and problems in plane trigonometry and navigation.
488. (L.P.) 3rd November, 1880. JOHN ALVES, of Dunedin.—For improvements in furnace-bars and furnaces.
489. (L.R.) 17th November, 1880. GEORGE WESTINGHOUSE, Jun., 20, Southampton Buildings, London.—Improvements in brakes for railway rolling-stock.
490. (L.R.) 17th November, 1880. GEORGE WESTINGHOUSE, Jun., 20, Southampton Buildings, London.—Improvements in apparatus for railway brakes, worked by fluid pressure.
491. (L.R.) 19th November, 1880. ANDREW SMITH HALLIDIE, of the City of Sydney, in the Colony of New South Wales, and of the City and County of San Francisco, in the State of California.—Improvements in propelling, hauling, and operating cars on tracks, and propelling other vehicles and boats, and in the machinery and apparatus connected therewith.