

3431. 12th December. FRANZ SERAFICUS KÖHLER, of Smichow, near Prague, in the Kingdom of Bohemia and Empire of Austria, Director, and LUDWIG KEYLING, of Berlin, in the Kingdom of Prussia, Manufacturer.—An invention for improvements in the manufacture of shot or spheres or globules of iron, steel, or other metal, and in apparatus therefor.
3432. 12th December. ELIHU THOMSON, of Lynn, Massachusetts, United States of America, Electrical Engineer.—An invention for an improved electric meter or motor.
3433. 12th December. ELIHU THOMSON, of Lynn, Massachusetts, United States of America, Electrical Engineer.—An invention for improvements in alternating-current dynamo-machines.
3434. 11th December. SAMUEL SMART and WILLIAM SMART, of Sydenham, in the Provincial District of Canterbury, New Zealand, Contractors.—An invention for a sand- and asphalt-distributing machine.
3435. 14th December. JOHN HARMS, of Norsewood, in the Provincial District of Hawke's Bay, New Zealand, Carpenter.—An invention for threshing grains, grasses, and seeds by means of a travelling drum worked by horse-power.
3436. 12th December. JOHN STEWART STINNEAR, of Christchurch, New Zealand, Plumber and Gasfitter.—An invention for a fire and burglary alarm, to be called "Stinnear's Fire and Burglary Alarm."
3437. 14th December. WILLIAM BARRACLOUGH, Engineer, ERNEST CHARLES DAVIES and CHARLES AUGUSTUS WYLIE, Financial Agents, all of Sydney, in the Colony of New South Wales.—An invention for an improved automatic apparatus for displaying intermittently pictorial or printed effects, the same to be used chiefly for advertising purposes.
3438. 14th December. CHARLES DIXON ARIA, trading as Smethurst and Company, of 175, Piccadilly, London, in the County of Middlesex, England, Lamp-manufacturers.—An invention for improvements in or applicable to moderator and carcel lamps to render them capable of burning mineral oils.
3439. 14th December. WILLIAM HOWLEY WELLS, of Evershot, in the County of Dorset, England, Estate Agent.—An invention for improvements in apparatus for raising cream from milk, and for skimming.
3440. 14th December. DUNCAN JAMES MCGAURAN, of Hawthorn, near Melbourne, in the Colony of Victoria, Electrician.—An invention for improvements relating to multiplex telegraphy.
3441. 14th December. MEPHAN FERGUSON, of Carlton Foundry, Leicester Street, Carlton, in the Colony of Victoria, Engineer.—An invention for an improved method of coupling pipes.
3442. 14th December. EDWARD WATERS, of No. 75, Chancery Lane, Melbourne, in the Colony of Victoria, Patent Agent.—An invention for improvements in the knotting-apparatus employed in harvesting-machines, and in straw-trussers for binding the crop or produce into sheaves, trusses, or bundles. (Richard Hornsby and Sons, Limited.)
3443. 14th December. GEORGE TROTTER EVANS, of Verona, Cleveland Street, Redfern, near Sydney, in the Colony of New South Wales, Railway Superintendent.—An invention for improvements in axle-boxes and axle-lubricators for railway rolling-stock.
3444. 10th December. CHAPMAN EWEN, of Tamahere, Waikato, in the Provincial District of Auckland, New Zealand.—An invention to be called "Ewen's Self-locking Wire-strainer."
3445. 10th December. ALFRED HOSKING, of Auckland, New Zealand, Schoolmaster.—An invention for illustrating the seasons of the year, day, and night, the phases of the moon, and eclipses, to be called "Hosking's Patent Adjustable Season-demonstrator."
3446. 12th December. WILLIAM SCARLETT DE LISLE ROBERTS, of Marrickville, in the Colony of New South Wales, and JAMES SMITH MOLLISON, of Sydney, in the said colony, Civil Engineers.—An invention for an improved atmospheric thermo-electric generator.
3447. 14th December. WILLIAM ANDREWS, of Christchurch, New Zealand, Agricultural Engineer.—An invention for improvements in appliances for bagging chaff or bran, styled "Andrews's Bag-support."
3448. 14th December. FREDERICK WILLIAM STILL, of the City of Auckland, New Zealand, Gentleman.—An invention for an improved opener for jam- and preserve-tins generally, to be called "Still's Patent Tin-opener."
3449. 17th December. JAMES KELMAN, of Alexandra South, in the Provincial District of Otago, New Zealand.—An invention to be called "Kelman's Patent Stirrup."
3450. 21st December. GEORGE LOUIS SCHNEIDER, of No. 1, Chapel Street, Fitzroy, Melbourne, in the Colony of Victoria, Hairdresser; ALBERT MANVERS, of No. 8, Eastern Arcade, Melbourne aforesaid, Musician; and ARCHIMEDES LITHERLAND CUNARD, of Morang Road, Hawthorn, near Melbourne aforesaid, Theatrical Manager.—An invention for improvements in apparatus for exhibiting illuminated advertisements.
3451. 21st December. HENRY CLAUDE WALKER, of Falmouth Road, Great Dover Street, Surrey, England, a member of the firm of R. Waygood and Company, of the same place, Engineers.—An invention for improvements in the construction of hydraulic lifts or elevators.
3452. 21st December. ANDREW LAMBERTON, of Sunnyside Engine-works, Coatbridge, in the County of Lanark, Scotland, Engineer.—An invention for improvements in machinery or apparatus for grinding or pulverising substances.
3453. (L.R.) 21st December. ARTHUR FAWIER, of 15, Rue de Richelieu, Paris, in the Republic of France, Chemist.—An invention for improvements in cartridges, and in detonators for exploding the same.
3454. 21st December. ALFRED LEMAN, of Richmond Road, off Ponsonby Road, in the City of Auckland, New Zealand.—An invention to be called "Leman's Patent Pulveriser for the Treatment of Tailings."
3455. 21st December. THOMAS WALTER YARRALL, of Cambria Street, Nelson, New Zealand, Tinsmith.—An invention to be called "The Novelty Spraying-pump, with Agitator."