

4776. 31st December. JESSIE DEWAR, wife of Peter Dewar, of Christchurch, New Zealand, Book Agent.—An invention for an improved corset or hygienic waist.
4777. 31st December. JOSEPH LATHLEAN, of Moonta Mines, South Australia, Miner.—An invention for an apparatus for indicating the order of arrival of the competitors in a race, to be called "The Runners' Silent Judge."*
4778. 31st December. MORITZ WOLFF JUDELL, of Adelaide, South Australia.—An invention for improvements in the construction of vehicles and chambers for the conveyance or storage of perishable articles of good.*

H. — LIST OF APPLICATIONS FOR LETTERS PATENT, ACCEPTED FROM 1ST JANUARY, 1891, TO 13TH MARCH, 1891, WITH WHICH COMPLETE SPECIFICATIONS HAVE BEEN LODGED.

4779. 2nd January. EDWARD WILLIS VAN SENDEN, Wool-broker, ROBERT ARCHIBALD WHITE, Civil and Mechanical Engineer, ANDREW TENNANT, Sheep-farmer, and WILLIAM PILE, Sheep-farmer, all of Adelaide, South Australia.—An invention for an improved contrivance for automatically unloading trucks or wagons.
4780. 5th January. EDWARD TABER COVELL, of 163, Cottage Street, New Bedford, Massachusetts, United States of America, Gentleman.—An invention for improvement in fastenings for horse-shoes.
4781. 5th January. THE MARSHALL IMPROVED WINDOW-FURNITURE COMPANY, having its principal place of business in San Francisco, California, one of the United States of America.—An invention for improvements in sash-balances.
4782. 5th January. THE POLLOK PATENTS GOLD EXTRACTING COMPANY (LIMITED), of 27, St. Vincent Place, Glasgow, North Britain.—An invention for improvements in the method of precipitating gold or silver in the process of its extraction.
4783. 5th January. THOMAS THATCHER, of Wanganui, New Zealand, Settler.—An invention for an improved method of constructing fascine works for river and harbour training-walls and protection-works.
4784. 5th January. ROBERT CHAPMAN, of Kaiapoi, Canterbury, New Zealand, Borough Engineer.—An invention for a new or improved breakwater for diverting or giving direction to the flow of water in streams, rivers, lakes, or other waters for the protection of the land, or improving the means of navigation in tidal or other waters.
4785. 6th January. ROBERT STANDLEY, of Ranelagh Street, Adelaide, South Australia, Machinist.—An invention for improvements in the construction of stump-jumping ploughs and other agricultural implements.
4786. 6th January. CHARLES EASTMAN TRIPLER, of 40, East 77th Street, New York, United States of America, Gentleman.—An invention for improvements in the method of and apparatus for amalgamating and separating precious metals from powdered ore or earth.
4787. 6th January. THOMAS ALVA EDISON, of Llewellyn Park, in Essex, New Jersey, United States of America, Inventor.—An invention for improvement in methods and apparatus for applying the power of electric-motors, especially applicable to electric railways.
4788. 6th January. CHARLES ROBERT CLARKE TICHBORNE, Ph.D., F.I.C., of 15, North Great Georges Street, Dublin, Ireland; ALFRED EDWARD DARLEY, of Ardes Street Brewery, Dublin aforesaid, Brewer; MARMADUKE FRANCIS PURCELL, of 71, Harcourt Street, Dublin aforesaid, Barrister at Law, F.C.S., Assoc. Inst. C.E.I.; and SAMUEL GEOGHEGAN, of St. James' Gate Brewery, Dublin aforesaid, Civil Engineer.—An invention for a method of and appliances for the collection and utilisation of the carbonic-acid gas and other products given off during the process of all fermentations.
4789. 6th January. SAMUEL HOWARD STOTT, of the Lindens, Fulwood, Preston, Lancaster, England, Agent.—An invention for improvements in apparatus for diffusing upon plants fertilizing, insect-destroying, or other compounds in liquid form.
4792. 9th January. ERNEST CHARLES LEA, of Silverdale, Kingston-on-Thames, in the County of Surrey, England, Engineer.—An invention for improvements in sewing-machines.
4793. 9th January. WILLIAM HENRY COWARD, of Newark House, Railway Place, Bath, in the County of Somerset, England, Engineer.—An invention for improvements in mills for crushing or pulverising ores and other substances.
4794. 9th January. MEPHAN FERGUSON, of the Carlton Foundry, Leicester Street, Carlton, Victoria, Engineer.—An invention for an improved composition for coating pipes for the conveyance of steam, gas, water, sewage, and other fluids.
4795. 9th January. EVERARD HESKETH and ALEXANDER MARCET, both of 23, St. Swithin's Lane, London, England, Engineers.—An invention for improvements in or connected with the freezing or chilling of meat and other perishable articles.
4797. 6th January. JOHN SMYTH, of Mount Eden, Auckland, New Zealand, Sawmiller.—An invention for "Smyth's Portable Hurdle," for fencing purposes.
4799. 7th January. SUSAN ARABELLA MACKIE, wife of Samuel Joseph Mackie, of 17, Howley Place, Maida Hill West, Middlesex, England, and RANDOLPH CHARLES WANT, of 32, Victoria Street, Westminster, England, Solicitor.—An invention for improvements in and connected with boiling apparatus.
4800. 7th January. CARL LÜHRIG, of Dresden, Saxony, German Empire, Engineer, and JOHN CHARLES CUNINGHAME, of 127, St. Vincent Street, Glasgow, Scotland, Iron- and Coal-master.—An invention for improvements in apparatus for dressing ores.
4801. 7th January. CARL LÜHRIG, of Dresden, Saxony, German Empire, Engineer, and JOHN CHARLES CUNINGHAME, of 127, St. Vincent Street, Glasgow, Scotland, Iron- and Coal-master.—An invention for improvements in apparatus for washing, separating, and concentrating ores of different specific gravities.