H.—12.

4404. 31st May. William Dunsmore Bohm, of 51, The Avenue, Acton, Middlesex, England, Metallurgical Chemist and Engineer.—An invention for improvements in and apparatus for the separation of gold and silver from ores or materials containing them.

4405. 31st May. William Dunsmore Bohm, of 51, The Avenue, Acton, Middlesex, England, Metallurgical Chemist and Engineer.—Improvements in the separation of gold and silver from ores

or materials containing them.

4406. 31st May. ROBERT HENRY WYCHE, of Marton, New Zealand, Engineer.—An invention for a new or improved safety-fastener for stirrups.

4407. 31st May. James Amos, of Sydney, New South Wales, Miller.—An invention for an improved wheaten flour, and process of manufacturing the same.*

4408. 27th May. Hermann Lemp, of Lynn, Massachusetts, United States of America, Electrical Engineer.—An invention for improvements in electric welding apparatus.

4409. 4th June. George Arthur Pearson, of 54, Lambton Quay, Wellington, New Zealand, Engineer.—An invention for the purposes of insuring the proper lubrication of the cylinders of all engines, to be named "Pearson's Patent Visible Feed Lubricator."* (Abandoned.)

4410. 29th May. Henry Roberts, of Manukau Road, Parnell, Auckland, New Zealand, Grocer.-An invention for a brake for drays and other two-wheeled vehicles, to be called "Roberts's Patent Lever Spring Brake." (Abandoned.)

4411. 4th June. WILLIAM GRANT CAMPBELL, of Timaru, Canterbury, New Zealand, Engineer.— An invention for a double-wire concave for threshing-machine, the title of which is to be "The Double-wire Concave."

4412. 3rd June. John Wild, of Papanui, Canterbury, New Zealand, Hotelkeeper.—An invention

for a rut-filler and loose stone gatherer.

- 4413. 5th June. John Robertson, of Russell's Flat, Canterbury, New Zealsnd, Blacksmith, and Thomas Alexander Burningham, of Christchurch, Canterbury aforesaid, Saddler.—An invention for an improved easy-riding stirrup.
- 4414. 5th June. Тномая Danks, of 198, Lichfield Street, Christchurch, Engineer.—An invention for the sinking of artesian wells and bore-holes by the combined mechanical rotary and
- driving process.* (Abandoned.)
 4415. 6th June. César Felix Josz, of 92, Boulevard Leopold II., Brussels, Belgium, Civil Engineer.—An invention for improvements in the manufacture of ornamental plates of metal or other sheets,
- 4416. 6th June. Edward Tyer, of Ashwin Street, Dalston, Middlesex, England, Electrical Engineer.—An invention for improvements in apparatus for insuring safety of traffic on single lines of railway.
- 4417. 6th June. Elijah Beans Cornell, of Philadelphia, Pennsylvania, United States of America. -An invention for improvements relating to the generation of heat in furnaces, and to apparatus therefor.

4418. 6th June. Dan Rylands, of Barnsley, England, Glass Manufacturer.—An invention for improvements in or relating to glass-lined fittings for glass-lined tubing.

- 4419. 7th June. RICHARD MCALLISTER, of Liverpool Street, Hobart, Tasmania, Gasfitter, Sarah McAllister, wife of Wiliam McAllister, of the same place, Gasfitter, and David West, of Collins Street, Hobart, aforesaid, Licensed Victualler. — An invention for improvements in an apparatus for increasing the illuminating power of gas, and decreasing the consumption thereof.
- 4420. 5th June. John Anderson, of Dunedin, New Zealand, Engineer and Brassfounder.—An invention for an improvement in water valves, and entitled "Anderson's Patent Hydraulic
- 4421. 7th June. William Toogood, of Featherston, Wellington, Storekeeper.—An invention for the better dressing of New Zealand hemp, or other fibres, to be called "Toogood's Improved Patent Stripper." (Abandoned.)

4422. 11th June. ROBERT ORR, of the Lower Hutt, Wellington, New Zealand, Law Clerk.—An invention for improved scraping machinery for dressing New Zealand flax and other fibrous

plants.

4423. 11th June. IGNATIUS RALEIGH BURNS, of the Federal Coffee Palace, Collins Street, Melbourne, Victoria, Gentleman.—An invention for improvements in the manufacture of lubricating oil mixtures.

4424. 12th June. Edward Taylor, of Geelong, Victoria, Engineer.—An invention for an improved apparatus for cooling either water or air.* (Abandoned.) (Abandoned.)

- 4425. 12th June. IGNATIUS SINGER, Analytical Chemist, and MORITZ WOLFF JUDELL, Merchant, both of Gresham House, Old Broad Street, London, England.—An invention for improvements in apparatus for pressing travelling fleeces of wool, and such like materials.
- 4426. 13th June. RICHARD BROWN, of Haily Largs, Scotland (at present residing at Brisbane, Queensland), a Member of the Iron and Steel Institute, and George Henry Irvine, of Brisbane aforesaid, Analytical Chemist and Assayer.—An invention for improvements in the wet-method of extracting gold from finely-divided auriferous quartz-ores, or other auriferous material, and in apparatus therefor.

4427. 13th June. Walter John Percy and Arthur Welch Percy, of Petone, Wellington, New Zealand, Carpenters.—An invention for improvements in apparatus for dressing New Zealand

(Abandoned.)

4428. 11th June. Charles Campbell, of Blue Spur, Lawrence, Otago, New Zealand, Miner.—An invention for an improved hydraulic elevator, to be known as "Campbell's Hydro-Atmospheric Elevator.