

# Applications for Patents.

THE following list of applications for Patents, filed in New Zealand during the month ending 15th April, has been specially prepared for PROGRESS.

- 20866—H. E. McDonald, Wellington : Spanner.  
20867—J. H. Wagenhorst, Pittsburg, U.S.A. : Turbine vanes.  
20868—E. E. Arnold, Wilkinsburg, U.S.A. Turbine vanes.  
20869—E. E. Arnold, Wilkinsburg, U.S.A. Turbine vanes.  
20870—J. L. Heckler, Mangamahoe. Kicking-strap.  
20871—B. F. Cranwell, Henderson, and C. F. F. Allan and J. H. Trudgeon, Auckland : Broad caster.  
20872—J. Wilson, Christchurch. Toothache cure. (G. T. Shilton).  
20873—E. H. Waddington, Masterton. Cinder sifter.  
20874—D. Hartwell, Wellington. Flax dressing.  
20875—C. J. Tuck, Dannevirke : Shackle or link.  
20876—C. J. Tuck, Dannevirke Cart-saddle pocket.  
20877—J. G. Dawson, Woodbury Egg-carrier.  
20878—W. R. Comings, Wharnclyff, England : Cardboard boxes.  
20879—Rheinisch-Nassausche Bergwerks and Hitten-Actien-Gesellschaft, Stolberg, Germany : Ore-dressing. (A. Demuth).  
20880—Marconi's Wireless Telegraph Co., Ltd., London : Wireless Telegraphy. (G. Marconi).  
20881—C. E. Sweet, Pittsburg, U.S.A. : Turbine vanes.  
20882—J. Fola, Valentia, Spain Propeller.  
20883—Brunswick Refrigerating Company, New Brunswick, U.S.A. Pump (R. Whitaker).  
20884—Brunswick Refrigerating Company, New Brunswick, U.S.A. : Valve. (R. Whitaker).  
20885—Brunswick Refrigerating Company, New Brunswick, U.S.A. : Refrigerating apparatus. (R. Whitaker).  
20886—C. Kendrick, Silverhope. Saucepan lid.  
20887—M. Woods, Carlton Vic., and T. J. Gilbert, Brunswick, Vic. : Dressing rails.  
20888—D. Morgan, Ararat, Vic. : Gold saving.  
20889—A. A. Holdsworth, Hawksburn, Vic. : Tent.  
20890—M. Teasdale, Thames : Lantern.  
20891—W. D. Martin, Ashfield, N.S.W., and N. M. Thomson, Sydney, N.S.W. : Water heater.  
20892—W. H. Thomas, Sydney, N.S.W. : Lino-type machine. (W. H. Scharf.)  
20893—W. Angus, Opawa. Valve.  
20894—T. J. Davenport, Christchurch : Trace book.  
20895—J. Reynolds, Hokitika : Saw-set.  
20896—J. W. Mackay, Auckland : Prop clip.  
20897—J. Rennie, Longwood, Vic. : Wire strainer.  
20898—J. H. Suckling, Linwood : Carburetter.  
20899—J. S. Ryan, Dunedin : Tram-rail cleaner.  
20900—O. K. Carlson, Clydevale : Water tap.  
20901—O. K. Carlson, Clydevale : Protecting water pipes from frost.  
20902—W. E. Garey and F. Castle, Grey Lynn : Floor polisher.  
20903—J. J. Macky, Auckland : Aerated-water bottle.  
20904—G. T. Bennett, Addington : Wooden towers.  
20905—D. McKenzie, Auckland : Easy chair.  
20906—T. Walters, Brisbane, Q. : Utilising heat of stoves.  
20907—T. Walters, Brisbane, Q. : Damper for stove.  
20908—Window Glass Machine Company, Pittsburg, U.S.A. : Drawing hollow glass. (J. H. Lybbers).  
20909—A. E. Nicholls and J. G. Silly, Christchurch : Goloshes.  
20910—G. W. Westropp and J. G. Harper, Ashburton : Harness.  
20911—J. D. McLaurin, Pohangina Preventing fraud in hemp, &c., trade.  
20912—A. Dale, Timaru : Burglar-proof lock.  
20913—R. Walker, Invercargill Mitre box.  
20914—E. S. Baldwin and H. H. Rayward, Wellington : Winch and hoist. (J. H. and J. M. Holman).  
20915—T. Walters, Brisbane, Q. Non-refillable bottle. (J. B. Henderson).  
20916—A. A. Holdsworth, Hawksburn, Vic. : Overall garment.  
20917—J. U. Taylor, Mirboo N., Vic : Bicycle pump.  
20918—E. H. Smith, Otawhao. : Wire strainer.  
20919—A. Reid, Whangamomona : Coulter for plough.

- 20920—A. McLean, Ti-tree Point. Motor-car wheel.  
20921—F. W. Smith, Rangiwahia Drawing off liquids.  
20922—W. Wilson, Auckland Button-hole fitting.  
20923—J. T. and W. S. Payne, Harrington's, C. J. H. Payne, Lime Hills, and A. W. Smith, Lady Barkley Railway-vehicle coupling.  
20924—K. Matthews, Auckland : Manufacture of tobacco.  
20925—R. O. Samuel and F. C. Carter, Melbourne, Vic. Butter cutter.  
20926—J. M. Ferriss, jun., Tacoma, U.S.A. : Unloading lumber.  
20927—C. A. F. Ramstrom, Stockholm, Sweden : Centrifugal separator.  
20928—E. L. Lundstrom, Blythwood : Cutting sheaf bands.  
20929—G. Moore, London, England Separating gold from gangue  
20930—W. A. Stetson, Boston, U.S.A. : Spinning machine.  
20931—C. Perkins, Onehunga Catch for jewel pins.  
20932—C. Archer, Kyeburn Diggings : Boot fastenings.  
20933—A. Thompson, Dunedin. Horse-cover fastening.  
20934—H. T. Rawnsley, Kaponga : Harness.  
20935—H. W. F. Eaton, Christchurch Aerating machine.  
20936—H. Quertier, Dunedin : Tram-rail cleaner.  
20937—H. S. Rose, Wellington : Fire alarm.  
20938—T. W. Watson, Wellington Gas regulator.  
20939—S. Gwatkin, Christchurch Seed sower.  
20940—A. Mackay, Auckland Safety strap for ladder.  
20941—B. T. Chaytor and T. Hannon, Otamara-kau : Uncoiling fencing wire.  
20942—H. A. E. Kelly, Christchurch Hair comb  
20943—S. Mestitz and Son, Raudnitz, Austria. Dust-suction apparatus. (A. Hein)  
20944—H. A. Nicholson and A. E. S. Wilson, Otautau Food preservative  
20945—A. Potter, Masterton : Tobacco cutter.  
20946—W. Turnbull, Wellington : Flushing valve.  
20947—W. E. Chamberlain, Feilding Water supply.  
20948—R. Buck and D. H. K. McGunness, Whangaratta, Vic. : Tyre tool.  
20949—J. W. Harris, Montreal Canada : Excavating apparatus. (L. A. Desy).  
20950—J. M. Youngson, Clinton : Swingle-tree.  
20951—T. H. and V. Berry, San Francisco, U.S.A. : Telegraph system.  
20952—Alcock and Co., Limited, Melbourne, Vic. : Billiard table. (F. A. Alcock).  
20953—H. E. McDonald, Wellington : Flax-graders' certificates.  
20954—F. Wagner, Stockholm, Sweden : Explosion motor.  
20955—A. L. J. Tait, Dunedin Treating flax.  
20956—H. Colloseus, Berlin, Germany : Cement making.  
20957—O. C. Duryea, Los Angeles, U.S.A., and M. C. White, London, England : Combustion-engine fuel, &c., supply.  
20958—O. C. Duryea, Los Angeles, U.S.A., and M. C. White London, England Gas engine.  
20959—J. Wilson, Christchurch : Door, &c., fastener.  
20960—T. Harkins, Auckland : Knife cleaner.  
20961—W. E. Hughes, Wellington : Bacon curing. (J. Richardson).  
20962—F. H. Cooper, Wellington : Trolley head.  
20963—W. Bennett, Dunedin : Dress fastener.  
20964—M. A. Browne, Christchurch : Cinder sieve.  
20965—W. Clarke, Stronvar, and K. Te Huki, Masterton : Braces.  
20966—W. H. Kinvig, Wellington : Nail.  
20967—J. Rattray, Enfield N.S.W., and G. Eason, Coonamble, N.S.W. : Poison ejector.  
20968—Warnock Brothers, Auckland : Soap.  
20969—J. Marriner, Christchurch, and C. W. Dallaston Masterton : Card game.  
20970—W. S. Clarke, Auckland : Plastering laths.  
20971—K. Matthews, Auckland : Non-refillable bottle.  
20972—S. J. Bocock and E. J. Deering Brisbane, Q. Mattress &c. fastening.  
20973—C. J. McMaster, Corfield Q. : Windmill.  
20974—D. Hartwell, Wellington Flax machine.  
20975—A. I. and T. M. Murphy, Hokitika : Printing ferns &c  
20976—E. Broughton, Auckland : Measuring, &c., for clothing  
20977—E. Dane, Remuera. Hydraulic ram.  
20978—J. R. Parker, Outram : Ladder.  
20979—G. Claydon, Christchurch : Building construction.  
20980—E. J. Vining and G. D. Weir, Yea, Vic. : Shunting wagons.  
20981—J. McNally, Longreach, Q. : Fencing dropper.

- 20982—D. Anderson, Westcliff, England : Incandescent mantle and burner.  
20983—J. P. Karns, Tunnelling Machine Company, Boulder, U.S.A. : Tunnelling machine.  
20984—De Forest Wireless Telegraph Syndicate, London, England : Wireless telegraphy. (L. de Forest).  
20985—C. E. Keen, Wellington : Westinghouse brake valve.  
20986—W. Beamish, Cromwell : Account, &c., forms.  
20987—J. Carter, Christchurch : Game.  
20988—D. MacPherson, Coolgardie, W.A. : Button.  
20989—F. E. Perry, Masterton : Weed-destroying composition.  
20990—M. Moore and T. J. Heskett, Melbourne, Vic. : Iron and steel manufacture.  
20991—F. Sewell, Okoia. : Propelling vessels.  
20992—A. J. Border, Wellington : Destination indicator.  
20993—G. Robson, Sydney, N.S.W. : Lighting and extinguishing lamps.  
20994—C. Lorenz, Redfern, N.S.W. : Engine governor.  
20995—E. R. McCombs, Christchurch : Raising and lowering blinds.  
20996—J. Galt, Mataura : Sleeve-links.  
20997—J. Macalister, Invercargill : Seed sower.  
20998—F. Armstrong Dunedin : Drilling teeth.  
20999—A. Small, Dunedin : Teat cup.  
21000—J. Robertson and F. Blackburn, Auckland : Rubber heel.

Full particulars and copies of the drawings and specifications in connection with the above applications which have been completed and accepted, can be obtained from Baldwin & Rayward, Patent Attorneys, Wellington, Auckland, Christchurch, Dunedin, &c.

The inventor of the mercury air pump, Dr. Sprengel, has died in London at the age of sixty two. He was born near Hanover, and educated in Germany, but came to England young, and worked at the laboratories of Oxford University, Guy's, and St. Bartholomew's Hospitals. His air-pump was simple, yet it enabled scientific men to carry out most important experiments. Dr. Sprengel demonstrated, too, the value of picric acid—used in the manufacture of melinite and lyddite—as an explosive when fired by a detonator.

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