

22104—L. O. Hooker, Hawera: Perch-carrier.
 22105—A. F. Golding and E. Campbell, Hobart, Tas.: Variable-speed pulley.
 22106—S. Blackman, Christchurch: Plastering walls and ceilings.
 22107—G. B. Holmes and A. D. Allen, Wellington: Trolley-head.
 22108—J. E. Friend, Annandale, N.S.W.: Rotary Engine.
 22109—N. J. Hansen, Motu: Axe.
 22110—M. Saunders, Pleasant Point: Sheep-shearing emery grinder.
 22111—B. Ward, Tauranga: Braces-attachment.
 22112—G. S. Fleming, Woodlands: Wagon for carrying dishes.
 22113—R. Allport and T. Normoyle, Hobart, Tas.: Finger-ring.
 22114—W. G. Richardson, Auckland: Preparing flax-waste as a cattle-food.
 22115—M. J. Hooper, N. Carlton, Vic.: Oil-lamp burner.
 22116—S. Dickens, Carlton, Vic.: Musical instrument (mouth-organ).
 22117—N. C. T. Harper, Durban, Natal: Manufacturing crystallised carbonate of soda.
 22118—F. L. Bartelt, Bristol, Eng.: Apparatus for washing linen.
 22119—Cork Asphalt, Limited, London, Eng.: Manufacture of building, road-making, etc., blocks.
 22120—Cork Asphalt, Limited, London, Eng.: Making blocks from plastic material.
 22121—R. M. Lyons, Colac Bay: Shaft-coupling for marine engine.
 22122—C. Loomes, Wellington: Testing wool from centre of bale.
 22123—A. R. Randall, Wellington: Chamber.
 22124—T. Fleming and W. Lucena, Hobart, Tas.: Clothes-line.
 22125—J. P. Lynn, Kalgoorlie, W.A.: Electro-magnetic stamp battery.
 22126—R. Dietz, Albert Park, Vic., E. Krieger, Adelaide, S.A., and C. E. B. Hart, St. Kilda, Vic.: Seat-support for bicycle, etc.
 22127—A. Gilhes, Heidelberg, Vic.: Leaf-cup.
 22128—H. R. Lees, Daylesford, Vic.: Potato digger, bagger, etc.
 22129—R. J. Oldfield, Wellington: Saw or cutting-tool.
 22130—G. C. Palmer, Dannevirke: Knee-pad of riding-saddle.
 22131—R. Bowman, Parramatta, N.S.W.: Wearing strip for tire.
 22132—J. Hammond, A. A. Preuss, and T. H. Mutch, Johannesburg, Transvaal: Concentrating alluvial deposit.
 22133—F. Clutsam, Melbourne, Vic.: Pianoforte, organ, etc.
 22134—H. Quertier, Dunedin: Apparatus for cleaning tram-rails, elevating spoil, etc.
 22135—R. H. Solitt, Palmerston North: Floor-cramp.
 22136—C. Lindsay, Wanganui: Draw-bar for traction-engine.
 22137—A. Ashcroft and C. Richardson, Auckland: Electrically distilling and purifying gum.
 22138—F. A. Rich, Auckland: Tacheometer.
 22139—W. F. J. Curnow, Aramoho: Hose-coupling.
 22140—W. W. Wilson, Christchurch: Specific-gravity-estimating apparatus.
 22141—R. E. Burke, Timaru: Non-refillable bottle.
 22142—T. Lester and A. C. Murray, Cromwell: Asthma, bronchitis, etc., cure.
 22143—E. Hayes, Rough Ridge: Wine-splicer.
 22144—D. Coghill, Waverley: Pen-holder.
 22145—J. Brockbank, Auckland: Piano, etc., tuning device.
 22146—W. H. Bird, Wanganui: Tire-cover.
 22147—A. E. Body, Christchurch: Device for pulling up tramway-rails.
 22148—J. K. Toshach, Christchurch: Piano-attachment.
 22149—J. H. Davidson, Christchurch: Tailors' or dressmakers' marking-device.
 22150—J. S. White & Co., Limited, E. C. Cairnt and A. Forster, East Cowes, Isle of Wight, Eng.: Marine turbine.
 22151—P. Browne, Waikato: Centrifugal thickening and separating machine.
 22152—W. N. and W. H. Maybury, Iona, Vic.: Grading and screening apparatus for potatoes, etc.
 22153—O. Riegelhuth, Ballarat, Vic.: Electrical signalling-device.
 22154—R. J. Fry, Wellington: Power-gear.
 22155—United Shoe Machinery Company, Paterson U.S.A.: Assembling parts of boots or shoes.
 22156—United Shoe Machinery Company, Paterson, U.S.A.: Attaching heels to boots or shoes.
 22157—A. Tropenas, Montelmar, France: Manufacture of steel.
 22158—A. W. Omond and W. M. Johnson, Bendigo, Vic.: Siphon.
 22159—A. Gentzsch, Vienna, Austria: Utilisation of waste rubber.
 22160—A. Gentzsch, Vienna, Austria: Utilisation of waste rubber.

22161—J. Pettitt, Geelong, Vic.: Field, etc., gate.
 22162—A. Storrie, Invercargill: Disc furrower.
 22163—J. Macalister, Invercargill: Rotary-disc skimming or paring harrow.
 22164—F. B. Clapcott, Auckland: Billiard-board.
 22165—Lamson Store Service Company, Limited, London, Eng., and Sydney, N.S.W.: Cash or parcel carrier.
 22166—G. E. Humphries, Wellington: Scaffolding.
 22167—J. H. Brown, Hawthorn, Vic.: Revolving apparatus for cleaning metal surfaces.
 22168—C. H. Gannaway, Wellington: Bowler's measure.
 22169—E. Schmoll and C. J. Ellison, Wellington: Boot.
 22170—H. W. Cleary, Dunedin: Pulley for motor-cycles.
 22171—E. W. Barton-Wright and Q. Marino, London, Eng.: Treatment of wood to be used in electro-chemical apparatus.
 22172—F. J. Darling, Roxburgh: Concrete-mixer.
 22173—R. Olds, Cromwell: Fencing-standard.
 22174—Gies Gear Company, Detroit, U.S.A.: Reversing-gear.
 22175—A. Waltho, Liscard, Eng.: Stopper for bottles, electrical fittings, etc.
 22176—W. Snee, W. Elizabeth, U.S.A.: Wave-motor.
 22177—E. Howlett, Auckland: Easy-chair.
 22178—W. E. Hughes, Wellington: Linotype Machine.
 22179—R. Beresford, Newcastle-under-Lyme, Eng.: Wheel-rim for inflated tire.
 22180—W. Fricker, South Woodford, Eng.: Paper-bag-making machine.

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 PATENT LAWS AND THE MINISTER FOR LABOUR.

As the administration of the Patent Office devolves upon the Minister for Justice, one wonders why the Minister for Labour should have thought it necessary to make a pronouncement upon the Patent Laws. A patent is the protection afforded by the State to an inventor to encourage his inventive faculty. That is one of the conditions which must not be lost sight of. Another set of conditions embraces the effect of the patent upon both Capital and Labour. Thus it appears that as regards the conditions surrounding the status of a patent the department of Labour is interested only remotely. The patent laws, it follows, ought not to be dealt with by any one who may be regarded as holding a brief for Labour. But that is Mr. Millar's position as the Minister for Labour.

The Minister is reported to have said (to an interviewer at Waihi) that a patent ought within a certain time of sealing to be in manufacture, either directly by the inventor himself or by some one to whom he has given a license, failing which the patent should be forfeited, and that he has an amendment on the stocks of the patent law to that effect.

Now the Patent Act (1889) already provides for the license very clearly. Section 33 is as follows—

COMPULSORY LICENSE.—“If on the petition of any person interested it is proved to the Governor that by reason of the default of a patentee to grant licenses on reasonable terms,

(a) the patent is not worked in the colony, or
 (b) the reasonable requirements of the public with respect to the invention can not be supplied, or

(c) any person is prevented from working or using to the best advantage an invention of which he is possessed,

the Governor may order the patentee to grant licenses on such terms as to the amount of royalties, security for payment or otherwise, as the Governor, having regard to the nature of the invention and as the circumstances of the case may seem just, and any such order may be enforced by *mandamus*.”

The Act of 1883 provided (section 22) that all patentees must “distinctly use and practise” their inventions and permitted them (subsection 4 of the same section) to grant licenses to others to do so. Under the old law there was therefore a working as well as a licensing condition. When the law was amended in 1889 the first of these was discarded because experience had demonstrated the hardship to inventors of the principle of compulsory working. In this respect New Zealand does not stand alone. At the last meeting of the Inter-

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