22481-W. E. Adams, Sydney, N.S.W . Construcion of walls.

22482—P. G Jagger, London Eng Manufactur ing concrete slabs, pipes &c
22483—W. J. McLennan and F F Ciaddock, Middlesex, Eng Machine for brushing the human spine and back.

Godsal, Flintshire, Eng Breech

22484—T. P Godsal, Flintshire, Engloading small arms.
22485—E. N. Waters, Melbourne, Vicor angle bars for uniting railway rails
22486—W. E. Hughes, Wellington Splice or

machine

22487-A. S. Hudson, Brisbane, Q · Pliers for eaimarking sheep.

22488—United Shoe Machinery Company, Paterson

U.S.A. Machine for inserting fasteners

22489—United Shoe Machinery Company, Paterson U S A.: Machine for reinforcing insoles 22490—United Shoe Machinery Company, Paterson.

Machine for making insoles

22491—United Shoe Machinery Company, Paterson, U.S.A.: Work-feeding and guiding mechanism

for shoe machine. 22492—A. E. Moss, Dunedin, Electric Shop alarm

22493-F. W. and W. C. Gifford, Kansas, U.S.A. Apparatus for producing the illusion of travel ling in a railroad car.

22494—H. Daniels, Busbane, Q. Potato planter

and hiller

22495—A. K. W. Rissel, Wellington. Ascertaining

dampness in wool, &c.
2496—A. P. F. Watson, and G. D. Watson, Christchurch: Fence Standard.
2497—J. R. Patterson, Wellington: Generation

22497 -

of hydrocarbon gas
22498—R. E. Reed, Oakleigh Vic Music turner
22499—E. Bates, Auckland Cow-spaying in Cow-spaying in

strument. 22500—G. Wakelin, Warkworth Acetyline gas

22500—G. Wakein, Warkworth Acceptine gas generator and holder. 22501—F. Shatman, London, Eng. Rotary power bottling machine. 22502—H. W. Downing Christchurch Stirrup 22503—M. F. Mieville, Chichester, Eng. Production of carburetted air.
22504—A. C. Barono, London, Eng.: Electric

telegraphy.

22505—G. Richmüller, Oakland, USA: Turbine 22506-R. E. Rearton, Ottawa, Canada

sight. 22507—F. W. Suter, and C. Wayman, London Eng.: Safety lamp and air carburetter

22508—M. Audiffren and Societé des Etablissements Singrun Rotary refrigerating machine.

22509-R. O Clark, Hobsonville Eas thenware pipes

22510—E Moss, Christchurch Stamping and

franking letters 22511—J. B. Stebbing Auckland opener 22512—1

-E. Westwood Wellington Motor-car wheel and tyre 22513—W. A Caldecott Johannesburg,

Separating liquids from crushed products 22514—Aktiebolaget Separator, Stockholm, Sweden

Milking machine 2515—N. I. Gooder, Wellington Trolly arm

22516—P J. McGinn, Salisbury, Rhodesia Vehicle

spring. 22517—H Pataud, Paris, France. Vehicle wheel

rins.
22518—The Imperial Writing Machine Company,
Limited, Montreal, Canada Typewriter
22519—T. and J. Bowrey, Sydney, N.S.W. Weighme machine for grading sheep, &c
22520—C. F. Wheeler, Ashburton. Grate and fuel

economiser.

22521—L. Mote, Auckland and H and I. Mote, Sydney, N.S.W., Extension ladder 22522—W. H. Mcdougall, Christchurch Building

for totalisator. 22523—G Newman, Thames Target for rifle range 22524—W. T Burnip, Christchurch Preventing horses kicking when attached to vehicles 22525—N. Goodyear, New York U.S.A. Acctualization converter. Preventing

22525—N. Goodyear, New York U.S.A. Acctylene generator
22526—G. T. T. M., and J. K. Murr trading as "J. and T. Murr" Melbourne Vic. Manufacturing of sash weights.
22527—A. T. Chodowski, Dunedin Pen and apparatus for slaughtering catile
22528—W. R. Walker Auckland. Knee protector
22529—C. H. Harris Wellington Telephone
22530—A. Reid and J. McCluggage, Whangamomona, Potato &c. digger
22531—C. J. Johnson Christchurch. Automatically drawing down trolly poles when such leave the wire.

the wire 22532—H. N. Bell, Invercargill: Soldering Machine. 22533—A. I. Joseph, Sydney, NSW. Septic treatment of sewage.

22534-S. E. Bell, Wangaratta, Vic.; Milk bucket.

22535-W H. Blackham, Melbourne, Vic.: Vacuum an I pressure apparatus for milking cows 22536—W H Blackham, Melbourne, Vic : Appar-

22538—The British Westinghouse Electric and

Manufacturing Company, Limited, Westminster, Eng Connection system for alternating-current

communicator type motors.

22539—The British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng. Connection system for dynamo electric machines

22540—The British Westinghouse Electric and Manufacturing Company, Limited, Westminster, Eng.: Connection system for dynamo electric machines

22541-T. M. Copeland, Auckland Expandable

spacer for type setting 22542—J Sharpe, Glebe, N.S.W. 22543—J. Gordon Christchusch Bottle stopper. Shield attachment for tyres

22544—W. Katene, Manaia Form of sheet iron

for building purposes
22545—F R Beuhne, Toobarac Vic beeswax and cappings of honeycombs.
22546—H. M. Keesing Auckland Hig Rendering High pressure

22547—A. Todd Invercargill. Seed-sower. 22548—J. M and W J M Craigie, Dunedin Boot 22549—A. Falkner Kaiparoro Suspension-bidge construction.

22550-T. Stewart, Washi: Cleaning ships' hulls

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.

## To Lessen Friction in Machinery.

Grind together black lead with four times its weight of tallow. Camphor is sometimes used, 7 lb to the hundredweight.



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