

Applications for Patents.

THE following list of applications for Patents filed in New Zealand during the month ending 12th February, has been specially prepared for PROGRESS.

- 20563—Butler, H. M. Leeds, England: Vehicle axle.
 20564—Armstrong, S., Te Uku, N.Z.: Leg-rope grip.
 20565—Bradfield, A., junr., Ratanui, N.Z.: Lifting-jack attachment.
 20566—Halpin, B., and Rashleigh, J. H., Palmerston North, N.Z.: Butter cutter.
 20567—Parsons, W., Papanui, N.Z.: Curing milk fever in cows.
 20568—Bywater, J. D., Christchurch, N.Z.: Mowing machine.
 20569—Cowdery, J. P., Christchurch, N.Z.: Oiling axles of vehicles.
 20570—Park, J. R., Wellington, N.Z.: Carbureting air and producing gas. (A. J. Way).
 20571—Easton, J. A. and Greenfield, J., Dunedin, N.Z.: Feed reservoir and box for horses.
 20572—Payne, F. W., Dunedin, N.Z.: Dredging tumbler.
 20573—Gordon, F. E. A., Palmerston North, N.Z.: Metal polish.
 20574—Pomeroy, Invercargill, N.Z.: Signal lamp.
 20575—Mitchell, H., Invercargill, N.Z.: Brooch fastening.
 20576—Bower, D., Dunedin, N.Z.: Milk strainer.
 20577—Wood, A., Dunedin, N.Z.: Acetylene generator.
 20578—Whitney, A., Melbourne, Vic.: Target and shooting range.
 20579—Hogan, M., Edendale, Gram and seed cleaner.
 20580—McKenzie, D., Auckland, N.Z.: Easy chair.
 20581—Quertier, H., Dunedin, N.Z.: Rail cleaner for tramway.
 20582—Fabian, C. H., Wellington, N.Z.: Plant protector and support.
 20583—Phillips, E., Melbourne, Vic.: Treating ores. (H. F. Brown).
 20584—Rigby, E. J., Malvern, Vic.: Fluid feed for operating hammer rock drills.
 20585—Brooks, J., Chicago, U.S.A.: Flasks or cores for castings.
 20586—Phillips, E., Melbourne, Vic.: Treatment of ores. (P. Gredit).
 20587—Snodgrass, J., Johannesburg, Transvaal: Precipitating gold and silver from cyanide solutions.
 20588—Hampton, E. J., Wellington, N.Z.: Window fastener.
 20589—Ingle, J. and Green, W. J., London, England: Cask, etc., branding machine.
 20590—Johnston, A. L., St. Louis, U.S.A.: Corrugated bars.
 20591—Hughes, W. E., Wellington, N.Z.: Boot or shoe tree. (Industrial Patent, Limited).
 20592—Hughes, W. E., Wellington, N.Z.: Alternating current electric motor. (W. M. Bradshaw).
 20593—McGregor, A. and Macdonald, T. F., Geraldton, Queensland, and Parkes, J. N. and Mehan, J. K., Townsville, Queensland: Diving dress.
 20594—Hamilton, B. T. and Stroud, L., London, England: Locking device. (Date applied for under section 106, 2nd February, 1905).
 20595—Buhne, F. W., Frieberg, Germany: Pipe joint.
 20596—Little, J. R., Gisborne, N.Z.: Steriliser.
 20597—Pulman, G., Auckland, N.Z.: Curving attachment to planing, etc., machines.
 20598—Ritchie, E. J., Christchurch, N.Z.: Egg-trap nest.
 20599—Bryers, J. J., Rawene, N.Z.: Fire escape.
 20600—Osborne, G., Tinwald, N.Z.: Liquid sprayer.
 20601—Fowler, J. W., Whangarei Heads, N.Z.: Buffer attachment to doors.
 20602—Frost, A. S., New Plymouth, N.Z.: Instrument for ringing cattle.
 20603—Dow, J. C. D., Auckland, N.Z.: Liquid measurer and draw-off.
 20604—Fitchett, A. W. G., Wellington, N.Z.: Dish washer. (Mound City Dish Washer Co. E. A. Casey).
 20605—Meddings, W. G., Auckland, N.Z.: Recording breakage of fire prevention sprinkler.
 20606—Godward, E. R., Invercargill, N.Z.: Gas hanging.
 20607—Godward, E. R., Invercargill, N.Z.: Deck or verandah chair.
 20608—Dunne, R., Dunedin, N.Z.: Brooch.
 20609—Dunne, R., Dunedin, N.Z.: Sleeve-cuff protector.
 20610—Bassett, T., Christchurch, N.Z.: Draft of binders, etc. (C. H. McCormick).

- 20611—Woodward, J. A., Auckland, N.Z.: Brace and trouser adjustment.
 20612—Stephenson, J. F., Glenferrie, Vic.: Bedstead and mattress.
 20613—Steele, F., Port Chalmers, N.Z.: Lobster trap.
 20614—Strachan, J., Roslyn, N.Z.: Fan.
 20615—Speden, A. L., Timaru, N.Z.: door lock.
 20616—Driffeld, T. and Johns, P. T., Wellington, N.Z.: Chimney top.
 20617—Corrigan, S. B., Manana, N.Z.: Solution for potato blight.
 20618—Healey, W. J., Invercargill, N.Z.: Brooch fastening.
 20619—Glossop, J., Dunedin, N.Z.: Sock.
 20620—Marks, H. J., Toowoomba, Queensland: Hanging windows, etc.
 20621—Marks, H. J., Toowoomba, Queensland: Chimney top and ventilator.
 20622—Taylor, A., Dunedin, N.Z.: Flushing cistern.
 20623—Knox, K., Otaki, N.Z.: Candle holder.
 20624—George, T. R., Onehunga, N.Z.: Gauge for bowls.
 20625—McKinnon, D., Christchurch, N.Z.: Seed sower.
 20626—Masson, J. R., Melbourne, Victoria: Recovery of gold and antimony.
 20627—Hunter, R. T., Eaglescliffe, England: Construction of roofing, etc.
 20628—Campbell, J. P., Wellington, N.Z.: Equalising load in electric current circuit. (R. Braun).
 20629—Wood, W. H., Petersburg, South Australia: Railway brake.
 20630—McGinn, P. J., Salisbury, Rhodesia, S.A.: Vehicle balance adjustment.
 20631—Jenkins, W., Sheffield, Tasmania: Boot sole attachment.
 20632—Daly, M., Burwood East, Vic.: Windmill mechanism.
 20633—Henderson, W. E., Nhill, Vic.: Sheep shears.
 20634—Alcock, F. A., Melbourne, Vic.: Billiard table pocket.
 20635—Boggiano, E., Rome, Italy: Vote recorder.
 20636—Baird, D. S., Toronto, Canada: Loose-leaf binder.
 20637—Raymond, F. V., Invercargill, N.Z.: Hair curler.
 20638—Goddard, H. A., Concord, N.S.W.: Building in concrete.
 20639—McKenzie, R., Invercargill, N.Z.: artificial minnow head.
 20640—Brady, J. F., Chicago, U.S.A.: Steam turbine.
 20641—Cummings, R. A., Beaver, U.S.A.: concrete column.
 20642—Campbell, J. P., Wellington, N.Z.: Operating rotating apparatus. (R. Braun).
 20643—Pillatt and Co., Limited, Stapleford, England: Furnace. (A. E. Pillatt).
 20644—Gill, J., Murrayfield, Scotland: Air compressor.
 20645—Payne, F. W., Dunedin, N.Z.: Gold dredge elevator tray.
 20646—Mawhinay, W. H., Dannevirke, N.Z.: Fire kindler.
 20647—J. A. Boyd and H. S. Woolcott, Wellington, N.Z.: Paint.
 20648—H. Ashworth, Wadestown, N.Z.: Tram or train indicator.
 20649—Noedl, R. A., Woodville, N.Z.: Bicycle pedal protector.
 20650—McDonald, H. E., Petone, N.Z.: Egg carrier.
 20651—Oddie, Waikino, N.Z.: Pressure vat.
 20652—Bassett, T., Christchurch, N.Z.: Hay rake.
 20653—Bird, D. H., Waimate, N.Z.: Seed sower.
 20654—James, A. and Brooks, C. J., London, England: Extracting gold.
 20655—Ashcroft, A., Auckland, N.Z.: Bicycle and motor wheel hub.
 20656—Droulege, H., Auckland, N.Z.: Number registering and recording machine.
 20657—Bent, H. J., Oamaru, N.Z.: Printing rule.
 20658—Godward, Invercargill, N.Z.: Egg beater.
 20659—Sloane, H., Christchurch, N.Z.: Tube cutter.
 20660—Crook, E., South Yarra, Vic.: Boot upper.
 20661—Trehwella, B. and W., trading as Trehwella Bros., Trentham, Vic.: Lever jack.
 20662—Kenna, P. A., Sydney, N.S.W.: Tobacco pipe.
 20663—Von Mylius, C. H. and T. P., Burnley, Vic.: Smoke-consuming furnace.
 20664—Burt, W. S., Albury, N.S.W.: Wheel for vehicles. (Date applied for under section 106, 19th January, 1906).
 20665—McLellan, M., Dunedin, N.Z.: Polishing compound.
 20666—Smith, R. B., Beverley, W.A.: Plough and cultivator.
 20667—Rodgers, T. A., Tuapeka West, N.Z.: Joining railway rails.
 20668—Booth, G. T., Christchurch, N.Z.: California thistle exterminator.
 20669—Gayner, T. H. B., Melbourne, Vic.: Sealing punctures in tyres.

- 20670—Evans, E. A., Balaclava, Vic.: Clip fastener for cord of spring blind.
 20671—Townsend, A. E., Dunedin, N.Z.: Boot or shoe heel.
 20672—Burgoyne, L. H., Clevedon, N.Z.: Card game.
 20673—Trevellian, F. H., Dunedin, N.Z.: Cash register.
 20674—Gilmour, W. T., Auckland, N.Z.: Nib-releasing penholder.
 20675—Nelson, G., Napier, N.Z.: Cooling cylinder of gas compressor.
 20676—Tucker, H. B. and Jack, A., Palmerston North, N.Z.: Rim protector for motor-car wheel.
 20677—Sutcliffe, G. H. and Mounce, J., Auckland, N.Z.: Operating number of rock drills together.
 20678—Lee, S. G. and Wathew, T. J., Auckland, N.Z.: Kerosene tin holder.
 20679—Jack, A., Palmerston North, N.Z.: Generating gas from hydro-carbon oil.
 20680—Colquhoun, D., Dunedin, N.Z.: Game marker.
 20681—Finnigan, T. K., Koroit, Vic.: Saddle.
 20682—Higgins, C. L., Montreal, Canada: Over-shoe.
 20683—Holmes, G. B., and Allen, A. D., Wellington, N.Z.: Trolley head.
 20684—Playter, H. C. and Pomeroy, P. L., Dunedin, N.Z.: Picture-frame cramp.
 20685—Wilkinson, J., Paeroa, N.Z.: Monowheel vehicle.
 20686—Trevethick, J., Auckland, N.Z.: Broom or brush manufacture.
 20687—Evans, G. F., Balaclava, Vic.: Preventing opening of window sash.
 20688—Williams, R., Dunedin, N.Z.: Hot well.
 20689—Williams, R., Dunedin, N.Z.: Sifting screen.
 20690—Williams, R., Dunedin, N.Z.: Sluice-box.
 20691—Castle, F. and Garvey, Auckland, N.Z.: Tool and pencil sharpener.
 20692—Robertson, J. and Wheeler, W. C., Clevedon, N.Z.: Skim-milk box and pump.
 20693—Walker, J. A., Auckland, N.Z.: Chair, seat and back.
 20694—Holland, J. E., Kaiapoi, N.Z.: Tool for withdrawing fencing staple.
 20695—Quinnell, Wellington, N.Z.: Milk pail and stool.
 20696—Pedi, R. A., Woodville, N.Z.: Music holder.
 20697—Jack, A., Palmerston North, N.Z.: Gas burner.
 20698—Hickman, J. H., Wellington, N.Z.: Show case.
 20699—Hickman, J. H., Wellington, N.Z.: Show case.
 20700—Smallbone, F. and E., Invercargill, N.Z.: Picture frame cramp.
 20701—Lewis, J., Reefton, N.Z.: Ballot box.
 20702—Lewis, J., Reefton, N.Z.: Building material.
 20703—Tuck, C. J., Dannevirke, N.Z.: Compass.
 20704—Tuck, C. J., Dannevirke, N.Z.: Pulley block.
 20705—Bell, R. E., Epsom, N.Z.: Concentrating and deflecting lens.
 20706—Parker, S., Devonport, and Johnson, W., Mt. Roskill, N.Z.: Window screen.
 20707—Warren, G. R., Onehunga, N.Z.: Cooking range.
 20708—Jordon, W. H., Christchurch, N.Z.: Cook-ing range.
 20709—Kellam, A. E., Sydney, N.S.W.: Brooch and pin fastener.
 20710—Chisholm, L., Wellington, N.Z.: Oil can.
 20711—Robertson, J., Waitati, N.Z.: Driving ditch plough elevator.

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.

NAVY SHOOTING IMPROVERS.

A Blue Book has been issued by the Admiralty giving the results of gun-laying tests with heavy guns during the present year. It is noted that there is a great improvement in the results as compared to former years.

On the East India station the "Perseus" obtained the comparative best record, for her forty-three gunners made a score of 100.09, with an average of 66.66 points per man. The "Iphigenia" obtained the Order of Merit on the China station with a 91.40 score, and the "Pelorus," in South African waters, was awarded the same distinction for 74.58.

Petty-Officer W. I. Squibb, of H.M.S. "Illustrious," was the best individual gunner, making 88.14 points with the 12in. Mark VIII. gun.

At the Auckland branch of the American School of Correspondence classes have been inaugurated for instruction in automobile management and electric street-car driving.