

## ALPHABETICAL LIST OF APPLICANTS FOR PATENTS IN THE YEAR 1901—continued.

| Name. Residence, and Invention.                                                                               | No.   | Date.     |
|---------------------------------------------------------------------------------------------------------------|-------|-----------|
| Hargreaves, A. F., and others, Roslin, Scotland. Explosive .. ..                                              | 13579 | 3 May.    |
| Hargreaves, F. A., and another, Waipiro Bay, N.Z. Legging .. ..                                               | 13767 | 28 June.  |
| Harkness, B. G. A., Stratford, N.Z. Water-heater .. ..                                                        | 13439 | 2 March.  |
| Harper, J. F., Dunedin, N.Z. Can-handle .. ..                                                                 | 14204 | 5 Nov.    |
| Harrington, J., Linwood, N.Z. Charging tenders of locomotive-engines with water .. ..                         | 13915 | 19 Aug.   |
| Harris, H., London, Eng. (See J. P. Campbell, Nos. 14334-5.)                                                  |       |           |
| Harris, J., Buffalo, U.S.A. (See Atlantic Acetylene Burner Company, No. 13993.)                               |       |           |
| Harrison, I., Wellington, N.Z. Filtering and drawing off beer from barrel .. ..                               | 13808 | 10 July.  |
| Harrison, I., Wellington, N.Z. Fixing concrete plaster, &c. .. ..                                             | 13979 | 9 Sept.   |
| Harrison, J., Half-moon Bay, Stewart Island, N.Z. Window-sash balance and lock .. ..                          | 14067 | 30 Sept.  |
| Harrison, J. S., New Plymouth, N.Z. Embrocation .. ..                                                         | 14169 | 28 Oct.   |
| Harrison, W. H., Sydney, N.S.W. Recovery of gold, silver, &c. .. ..                                           | 13818 | 16 July.  |
| Harrow, J. A., and another, Christchurch, N.Z. Siphon .. ..                                                   | 13959 | 31 Aug.   |
| Hart, B., Greymouth, N.Z. Horse-cover fastener .. ..                                                          | 13836 | 13 July.  |
| Harvie, D. T., and another, Prahran, Vic. Target .. ..                                                        | 14286 | 28 Nov.   |
| Harwood, D. W., and another, Perth, W.A. Spark-arrester .. ..                                                 | 14385 | 30 Dec.   |
| Harwood, S. C., and another, Midland Junction, W.A. Spark-arrester .. ..                                      | 14385 | 30 Dec.   |
| Haste, F. C., and another, London, Eng. Pump .. ..                                                            | 14387 | 30 Dec.   |
| Hawridge, R., Dunedin, N.Z. Clothes-peg .. ..                                                                 | 14289 | 26 Nov.   |
| Hawke, T., Auckland, N.Z. Under-attachment to horse-cover .. ..                                               | 13910 | 13 Aug.   |
| Hawkins, M., and another, Invercargill, N.Z. Asphalt .. ..                                                    | 13658 | 23 May.   |
| Hayes, A., Salt Lake City, U.S.A. Vaporising and burning hydrocarbon oils .. ..                               | 13577 | 3 May.    |
| Hayes, H. J., and another, Swansea, England. (See The Godfrey Calciner, Limited, No. 13436.)                  |       |           |
| Hayes, R., Sydney, N.S.W. Boiler-tube cleaner .. ..                                                           | 13807 | 11 July.  |
| Hayman, J. I., Ashburton, N.Z. Wool-press .. ..                                                               | 14167 | 28 Oct.   |
| Hayne, R., and another, St. Louis, U.S.A. (See E. Waters, jun., No. 14181.)                                   |       |           |
| Hayward, T., and another, Bunbury, W.A. Rowlock .. ..                                                         | 13907 | 14 Aug.   |
| Hazelton, W. S., Windsor, Vic. Extracting gold and silver .. ..                                               | 13468 | 13 March. |
| Healey, W., Staveley, N.Z. Distribution of mechanical power .. ..                                             | 13679 | 3 June.   |
| Hearse, T. P., Roto Aira, N.Z. Bicycle gearing .. ..                                                          | 13374 | 4 Feb.    |
| Hebert, A., Manchester, U.S.A. (See Eureka Shoe Company, No. 13381.)                                          |       |           |
| Hege, C. A., Salem, U.S.A. Railroad cross-tie cutting-machine .. ..                                           | 14060 | 26 Sept.  |
| Hement, T. C., Christchurch, N.Z. Hot-water and steam-generating apparatus .. ..                              | 13702 | 10 June.  |
| Hemphill, J., and another, Lancefield, Vic. Sowing, manuring, and harrowing attachment to plough .. ..        | 14143 | 22 Oct.   |
| Henderson, F., and others, Auckland, N.Z. Producing gas .. ..                                                 | 13525 | 4 April.  |
| Henderson, J., and another, Dunsandel, N.Z. Horse-cover fastening .. ..                                       | 13575 | 1 May.    |
| Henderson, J. W., and others, Auckland, N.Z. Saving gold .. ..                                                | 14061 | 27 Sept.  |
| Hendriksen, D. P., Wellington, N.Z. Securing handles of door catches and locks .. ..                          | 13942 | 28 Aug.   |
| Henrici, W. A. E., Berlin, Germany. Rotary engine .. ..                                                       | 14351 | 18 Dec.   |
| Herbert, A., Perth, W.A. (See J. T. Hunter, No. 13286.)                                                       |       |           |
| Herbert, J., Hawkhurst, N.Z. Attachment to plough .. ..                                                       | 13417 | 20 Feb.   |
| Herlihy, D., Aorangi, N.Z. Milk-measuring tank .. ..                                                          | 14327 | 12 Dec.   |
| Herr, E. M., and another, Pittsburg, U.S.A. (See W. E. Hughes, No. 14136.)                                    |       |           |
| Herr, E. M., and another, Pittsburg, U.S.A. (See J. T. Hunter, No. 13298.)                                    |       |           |
| Hewetson, A. J., Nelson, N.Z. Cycle-support .. ..                                                             | 13495 | 26 March. |
| Hewton, T., Waianakarua, N.Z. Wire-strainer .. ..                                                             | 13309 | 7 Jan.    |
| Heycock, E. N., Dunedin, N.Z. Stand for holding utensils over fire .. ..                                      | 13978 | 6 Sept.   |
| Hibbard, E., Wanganui, N.Z. Provision-safe .. ..                                                              | 14210 | 11 Nov.   |
| Hicks, T. H., and another, Fort Wayne, Indiana, U.S.A. Recovering metals .. ..                                | 13595 | 9 May.    |
| Hiddle-ton, A. H., Woodlarks, N.Z. Cleaning and polishing boots, &c. .. ..                                    | 13502 | 25 March. |
| Higgins, H., and another, Annan, Scotland. Drying grain .. ..                                                 | 14084 | 3 Oct.    |
| Hill, E. R., Wilkinsburg, U.S.A. Pump-controlling mechanism .. ..                                             | 13343 | 28 Jan.   |
| Hill, E. R., Wilkinsburg, U.S.A. Electro-pneumatic controlling system .. ..                                   | 13454 | 7 March.  |
| Hill, C., Sydney, N.S.W. Fireproof shutter for lift-openings .. ..                                            | 13988 | 10 Sept.  |
| Himalaya, M. A. G., Boulogne, France. Making industrial use of solar heat .. ..                               | 14082 | 3 Oct.    |
| Hinchey, W., and others, Winton, N.Z. Plunger for pump .. ..                                                  | 13943 | 28 Aug.   |
| Hinchey, W., and others, Winton, N.Z. Operating pump-plunger .. ..                                            | 13944 | 28 Aug.   |
| Hinchey, W., Winton, N.Z. Steam-generator .. ..                                                               | 14017 | 19 Sept.  |
| Hobson, H. A., London, Eng. (See Concentrated Beer Company, Limited, No. 13325.)                              |       |           |
| Hodgson, H., Opunake, N.Z. Tinning metal goods .. ..                                                          | 13499 | 26 March. |
| Hodgson, H., Opunake, N.Z. Tinning metal goods .. ..                                                          | 14383 | 30 Dec.   |
| Hogg, J., Wanganui, N.Z. Cart-saddle bridge .. ..                                                             | 13327 | 17 Jan.   |
| Hogg, W. M., Lawrence, N.Z. Discharging tailings through chutes .. ..                                         | 13902 | 13 Aug.   |
| Holaubeck, M., Vienna, Austria. Wheel with resilient tire .. ..                                               | 13769 | 29 June.  |
| Holden, T., Hunterville, N.Z. Securing fencing-dropper to wires .. ..                                         | 13890 | 19 Aug.   |
| Holford, G., Auckland, N.Z. Rabbit-trap .. ..                                                                 | 14269 | 25 Nov.   |
| Holgate, G. H., London, Eng. (See Colour-printing Syndicate, Limited, No. 13532.)                             |       |           |
| Holliwell, C., Broadheath, Chester, Eng. (See E. Waters, jun., No. 14199.)                                    |       |           |
| Holliwell, C., and another, Chester, Eng. (See E. Waters, jun., No. 13638.)                                   |       |           |
| Holmes, J. S., Carlton, Vic. Sales-check book .. ..                                                           | 13826 | 18 July.  |
| Holmes, J. S., Carlton, Vic. Sales-check for drapers, &c. .. ..                                               | 13739 | 22 June.  |
| Honneus Sulphide Company (Limited), Perth, W.A. Converting refractory ore into free-milling ore. (A. Honneus) | 13498 | 26 March. |
| Honneus, A., Perth, W.A. (See Honneus Sulphide Company, Limited, No. 13498.)                                  |       |           |
| Hopkins, E. H., Middlesex, Eng. Obtaining zinc .. ..                                                          | 14220 | 14 Nov.   |
| Hopson, J., and another, Brisbane, Queensland. Hand signal-lamp .. ..                                         | 13947 | 29 Aug.   |
| Hornsby, W., and another, Grantham, Eng. Ploughshare .. ..                                                    | 13299 | 7 Jan.    |
| Horwood, E. J., and another, Broken Hill, N.S.W. Concentrating-table .. ..                                    | 13808 | 11 July.  |
| Hoskins, G. J., Ultimo, Sydney, N.S.W. Making cores for cylindrical castings .. ..                            | 13991 | 9 Sept.   |
| House, H., Oamaru, N.Z. Adjustable seat and body for gig .. ..                                                | 13303 | 5 Jan.    |
| Howard, B., Christchurch, N.Z. Book-leaf holder .. ..                                                         | 13873 | 30 July.  |
| Howard, J. G., Sydney, N.S.W. Threshing machinery .. ..                                                       | 13513 | 29 March. |
| Howard, J. G., Melbourne, Vic. Metallic storage-case .. ..                                                    | 13443 | 5 March.  |
| Hucks, W., and another, London, Eng. Dispensing aerated liquids .. ..                                         | 13763 | 27 June.  |