

ALPHABETICAL LIST OF TITLES OF INVENTIONS—continued.

Invention, and Name of Inventor.	No.	Date.
Gum from <i>Phormium tenax</i> , Extracting. R. H. Smale, J. Hay, and E. Hartwell ..	11592	3 May.
Gum, Utilizing kauri-. D. R. S. Galbraith and A. Robins ..	11469	18 March.
Gun-carriage brake. A. Stevens and W. S. Penney ..	12120	27 Oct.
Hair-curler. M. E. Cox and H. Bell ..	11653	25 May.
Hair-curler. D. Whitburn and P. H. Basley ..	11931	23 Aug.
Hair-pin. E. R. Godward ..	11878	8 Aug.
Hair-pin. J. Brokensha ..	12211	27 Nov.
Hair-pin. J. D. Walsh ..	12073	10 Oct.
Hair-wash. R. Eagleton and A. Kohn ..	11792	11 July.
Hammer, Stonebreakers'. G. Girling ..	11702	9 June.
Hand-shield for cyclist. F. G. Mumford and F. Sparrow ..	11590	4 May.
Handle adjustment, Velocipede. T. Gallagher ..	11709	12 June.
Handle-fastener. F. H. Jackson ..	11398	24 Feb.
Harbours, Preventing accumulation of sand, &c., in. E. Maxwell ..	11956	4 Sept.
Harness, Saddle. F. Rathbone, S. Bates, and W. Miner ..	11334	25 Jan.
Harness, Trotting- or racing-. J. T. Murphy ..	11910	22 Aug.
Harrow, Disc-. B. Shears ..	11882	10 Aug.
Harvester. Deering Harvester Company ..	11529	14 April.
Harvester-knives, Grinding-machine for. W. E. Hughes ..	12257	21 Dec.
Harvesting machinery. J. Macalister ..	11340	24 Jan.
Heat cycle for steam-engine. L. C. Auldjo ..	11835	27 July.
Heat of ovens, Regulator for. E. Smethurst ..	12223	4 Dec.
Heater. (See Steam-heater, Water-heater.) ..		
Heating appliances, Electrical. J. F. Bachmann, A. Vogt, C. C. Weiner, A. König, J. Kirchner, A. Jörg ..	11744	*24 Aug. '98
Heating, Electrical. The Linotype Company (Limited) ..	11859	*4 Feb. '98
Heating irons, Stove for. A. Tzamis ..	12156	10 Nov.
Heating milk, &c., before separating, Apparatus for. F. W. Okey ..	11754	19 June.
Heating rooms, &c. T. White ..	11420	2 March.
Heckling-machine, Flax. W. and A. Ross ..	11619	9 May.
Heel, Boot-. A. Tindill ..	11874	10 Aug.
Heel-breasting machine. W. E. Hughes ..	12225	7 Dec.
Hermetically sealing cans or vessels. E. Norton ..	11417	3 March.
Hides and skins, Curing and preserving. J. W. C. Hamilton and J. A. Linley ..	11280	4 Jan.
Hides and skins for tanning, Dehairing. A. J. Cumming ..	11916	21 Aug.
Hides and skins, Tanning and colouring. G. D. Burton ..	11842	26 Jan.
Hides and skins, Unhairing. G. D. Burton ..	11341	26 Jan.
Hoe, Horse-. T. E. Martin ..	11889	14 Aug.
Hoist. B. G. A. Harkness ..	11831	27 July.
Holder. (See Paper-holder, Rein-holder, Sash-holder, Sheep-holder.) ..		
Hook-and-eye. C. McKenzie ..	12229	5 Dec.
Hook, Draught. W. Tremain ..	12260	27 Dec.
Hook, Fish-. A. Morrow ..	11877	8 Aug.
Horse boot. P. A. Vaile ..	11668	30 May.
Horse-clipper. C. H. Izard ..	11613	11 May.
Horse, Clothes-. W. S. and R. M. Maunder ..	12221	5 Dec.
Horse-gear. A. H. O. Kempthorne ..	11867	7 Aug.
Horse-cover. H. Dell ..	11906	16 Aug.
Horse-cover. T. Hawke ..	11865	3 Aug.
Horse-cover. E. Jones ..	11464	21 March.
Horse-cover. C. Menli ..	11506	4 April.
Horse-cover. M. Ramson ..	11727	20 June.
Horse-cover. J. Robinson ..	11767	3 July.
Horse-cover. W. H. Travis ..	11442	2 March.
Horse-cover. R. F. Webster ..	11748	23 June.
Horse-cover. J. Wiseman ..	11329	19 Jan.
Horse-cover. R. Zinsli ..	11419	1 March.
Horse-cover attachments. P. Woods ..	12006	19 Sept.
Horse-cover fastener. C. H. Hansen ..	11522	7 April.
Horse- or cow-cover. T. S. Skeats ..	11573	28 April.
Horse- or cow-cover. J. Temperley ..	11776	8 July.
Horseshoe nail. W. J. Beck ..	11645	22 May.
Horseshoe racing-plate. C. Tandy ..	12180	16 Nov.
Horse-traction gear. J. McIntyre ..	12203	12 Dec.
Horses, Controlling. D. R. S. Galbraith ..	11388	16 Feb.
Horses, Means of keeping flies off. H. T. Hill ..	11389	18 Feb.
Horses, Medicine for cure of bots in. A. J. Knocks ..	11443	14 March.
Hotchkiss boiler-cleaner. A. Price ..	11624	13 May.
Hot-water bag, Combined syringe, enema, and. E. W. Hall ..	11860	2 Aug.
House-block. A. H. Bowell ..	11564	22 April.
Hydraulic ram. W. Angus ..	11427	7 March.
Ice, Clearing, from cooling pipes. A. H. Chapman ..	12035	27 Sept.
Igniting-device for gas-burner. A. J. Sterne ..	11765	3 July.
Incandescent gas light. Kugellicht Gesellschaft mit beschränkter Haftung ..	11559	26 April.
Incandescent gas-mantle. F. Isitt ..	11805	12 July.
Incandescent lamp. W. Nernst ..	11322	18 Jan.
Incandescent lighting, Burner for. L. Hooker ..	11309	12 Jan.
Indiarubber, Disvulcanising. A. E. J. V. J. Theilgaard ..	11707	12 June.
Indiarubber, Utilising. R. C. Trevor ..	11351	31 Jan.
Indicating results of races, Apparatus for. D. C. Carr ..	11999	20 Sept.
Indicator for crossings, Train-. H. J. Gibbons and E. T. A. Basan ..	11810	20 July.
Induction motor. B. G. Lamme ..	11531	14 April.
Induction motor. J. P. Campbell ..	12030	29 Sept.
Injector, Quicksilver. D. W. Cotton and J. F. W. H. Schadicke ..	12146	2 Nov.
Ink. H. M. and J. Levinge ..	12033	30 Sept.
Inking-pad. A. C. Kley ..	12079	13 Oct.
Ink-well. E. R. Godward ..	11850	29 July.
Insole, Ventilating boot-. A. Buchanan ..	11688	2 June.
Internal-combustion engine. E. Waters, jun. ..	12002	20 Sept.