

K.—ALPHABETICAL LIST OF TITLES OF INVENTIONS FOR WHICH LETTERS PATENT HAVE BEEN APPLIED DURING THE YEAR 1897.

[\* Denotes a prior date under section 106 of "The Patents, Designs, and Trade Marks Act, 1889."]

Invention and Name of Inventor.	No.	Date.
Acetylene gas, Apparatus for generating. C. A. Finch and H. J. Buchan .. ..	10252	29 Dec.
Acetylene gas, Apparatus for producing, storing, and utilising. T. Holliday .. ..	9308	27 Feb.
Acetylene gas, Apparatus for the generation of. J. W. Scarth and W. A. Thornton .. ..	10158	25 Nov.
Acetylene-gas generator. F. H. Haviland and W. H. Murch .. ..	9455	22 April.
Acetylene-gas generator. W. Tyree .. ..	9582	2 June.
Acetylene-gas generator. W. Tyree .. ..	9799	16 Aug.
Acetylene-gas generator. W. Tyree .. ..	9869	6 Sept.
Acetylene-gas generator. W. Tyree .. ..	9951	15 Sept.
Acetylene gas, Method of and apparatus for generating. M. C. A. Fourchette .. ..	9418	8 April.
Acetylene gas, Method of and apparatus for producing and distributing. J. L. Schmidt, H. Caspers, and J. M. Twomey .. ..	10127	10 Nov.
Acetylene or other gas burner. E. F. Green .. ..	9655	1 July.
Acid, Obtaining sulphurous. T. Huntington and F. Heberlein .. ..	9421	8 April.
Advertising medium. S. F. and B. F. Griffin .. ..	9278	15 Feb.
Advertising medium. F. Adams .. ..	9590	3 June.
Advertising medium in form of tricycle. R. E. Saville .. ..	9400	24 March.
Aerated drinks, Tablets for production of carbonated. A. Dolton .. ..	9279	17 Feb.
Aerated-water bottles, Appliance for opening. J. R. Purdy .. ..	9181	9 Jan.
Aerated waters and mixing same with syrup, Method of and apparatus for drawing. A. Brake, J. R. McKee, and B. Joyce .. ..	9569	27 May.
Aerated waters, Method of and apparatus for drawing and mixing with syrups. A. Brake .. ..	9238	30 Jan.
Aerating and sterilising beer, Apparatus for. W. J. Glennon and A. Y. Oastler .. ..	9646	30 June.
Aerial, marine-, and land-navigation boat combined. E. L. Clark .. ..	9962	30 Sept.
Agitating- and settling-vat. P. Ferguson .. ..	10024	15 Oct.
Air-compressor for vehicle-brake. E. J. Wessels and H. P. Merriam .. ..	9652	1 July.
Air-engine. L. T. Gibbs .. ..	9583	3 June.
Air in mines to control gases, Method and apparatus for treating. J. D. Williams and L. D. Gibson .. ..	9401	1 April.
Air-pump. (See Pump.)		
Air to mines, &c., Means of supplying. E. Sprey .. ..	10029	18 Oct.
Air-valve for pneumatic tire. C. K. Welch .. ..	9210	21 Jan.
Alarm, Fire. H. Hedge .. ..	10154	23 Nov.
Alarm, Railway-crossing electric. J. Ferguson .. ..	10097	2 Nov.
Alcohol, Process and apparatus for extracting. A. Collette, jun., and A. Boidin .. ..	10164	26 Nov.
Alimentary extract. E. C. L. Kressel and T. Hill-Jones .. ..	9971	8 Oct.
Amalgam, gold or quicksilver, Apparatus for saving. P. Johnstone and W. Bush .. ..	9835	28 Aug.
Amalgamating and extracting gold from ore, Apparatus and process for. E. L. Oppermann .. ..	9328	5 March.
Amalgamating-pan. E. H. T. Plant and S. Dellow .. ..	9711	22 July.
Amalgamator. H. Jones and R. Walker .. ..	9169	5 Jan.
Amalgamator. H. S. Cope .. ..	9546	19 May.
Amalgamator. E. Lloyd-Owen .. ..	9773	11 Aug.
Amalgamator and concentrator. A. Menesdorffer, R. W. Jolly, and J. Wilson .. ..	9299	25 Feb.
Amalgamator and separator. C. L. Garland, and J. and S. E. Murray .. ..	9632	24 June.
Amalgamator, electrolytic. P. Ferguson .. ..	10021	15 Oct.
Amalgamator. (See also Concentrator, Gold, Metals, Ores.)		
Annealing iron and steel castings. P. D. Murphy. .. ..	9321	1 March.
Antidote for blood-poisoning. F. V. Ross. .. ..	9823	16 Aug.
Arc-lamp, Electric. The British Blahnik Arc Light Company (Limited) .. ..	9539	19 May.
Arc-lamp, Electric. The British Blahnik Arc Light Company (Limited) .. ..	10243	23 Dec.
Arch for promoting combustion in locomotive-furnace. A. F. Hack .. ..	10199	9 Dec.
Arm-chair, Folding. B. F. Griffin and H. G. Lever .. ..	10075	1 Nov.
Artesian-well pipes, Shoe for bottom of. J. Osborne .. ..	9897	8 Sept.
Asphalt and recovering by-products of tar, Process of manufacturing. T. Waterworth .. ..	9380	26 March.
Auger, Tubular. J. Murray .. ..	9494	4 May.
Auriferous wash-dirt or sand, Screening. W. Morton .. ..	9592	31 May.
Auriferous wash-dirt, Screen for. W. Morton .. ..	10112	8 Nov.
Automatic engine. T. W. May .. ..	9928	23 Sept.
Auto-vehicles. (See Motors, Vehicles.)		
Awner of grain- or seed-machine, Frictional surface for lining. G. Preddy .. ..	9172	5 Jan.
Axle and box for disc-coulters, plough-wheels, &c. J. Cockerell and R. H. Harper .. ..	9545	19 May.
Axle and wheel. W. E. Hughes .. ..	9790	18 Aug.
Axle-box for plough-wheels, &c. W. Jolly .. ..	9584	3 June.
Axle-cooling, fire-extinction, &c., Means of employing locomotive or other steam engines for. R. Peasey .. ..	9753	5 Aug.
Axle. (See also Vehicle.)		
Bag. (See Mail-bag, Paper bag, Sleeping-bag.)		
Bags and sacks, Device for distending mouths of. G. Aitkens, H. P. H. Graves, and F. B. Farmar .. ..	9567	26 May.
Bags or sacks, Appliance for distending mouths of. H. Graves and G. Aitkens .. ..	9517	12 May.
Baking-tin. A. L. J. Tait .. ..	10077	1 Nov.
Baking-tin. W. C. Campbell .. ..	10043	20 Oct.
Balance for undercarriages of vehicles, Bearings and ends for. D. Murphy, W. McManus, A. R. Harris, and G. W. Basley .. ..	9664	3 July.
Balance for vehicles, Cross-arms. D. Murphy, W. McManus, A. R. Harris, and G. W. Basley .. ..	9557	18 May.
Balance-lever for equalising weight in carts and other vehicles. T. Goodwin .. ..	10000	9 Oct.
Ball-bearing plough-wheel. G. Bristow .. ..	9755	3 Aug.
Ball-bearings. P. Davies .. ..	9292	23 Feb.
Ball-bearings. A. F. S. Tatham .. ..	9382	26 March.
Balloting. (See Voting.)		
Banjo. T. C. Thomson .. ..	9626	18 June.
Banks of rivers, Conserving. J. C. Vincent and R. Cobb .. ..	10033	21 Oct.
Bar. (See Handle-bar.)		
Barbed wire. S. Reading .. ..	9908	15 Sept.