

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Strap. (See Breeching-strap, Shoulder-strap.)					
Street-scavenger	G. B. B. Elliott	18880	21 Dec., 1904	11	9 Feb.*
Street-sweeper	J. L. Kirkbride	17556	23 Feb. ..	22	9 March.
Strip-cutting machine	H. Lightband	19034	4 Feb. ..	17	23 Feb.*
Stumps, Extracting	E. S. Schroeder	19113	21 Feb. ..	22	9 March.*
Sulky	G. F. Bryant	19006	26 Jan. ..	17	23 Feb.
Sunken vessels, Raising	The Clyde Salvage Pearl Fishing and Diving Company, Limited	19269	30 March ..	31	6 April.*
Suspender. (See Curtain-suspender, Window-curtain suspender.)					
Swimming-attachment	W. Over and G. W. Basley	19192	9 March ..	..	..
Switch for overhead rails of freezing-works	A. Anderson and W. G. Jamieson	19087	15 Feb. ..	28	23 March.*
Table-golf	W. P. Porteous	19261	28 March ..	..	..
Table. (See Billiard-table, Dining-table, Time-table.)					
Tank, Drawing off water from bottom of	E. R. Godward	18984	24 Jan. ..	11	9 Feb.*
Tap for tins	H. S. Clark	19289	31 March ..	..	..
Target	D. H. Waldie	19056	7 Feb. ..	17	23 Feb.*
Teat-cups	J. and J. P. McGinness	19174	7 March ..	31	6 April.
Teat-cups, Pneumatic	A. Gillies	19153	1 March ..	28	23 March.*
Teat-opener	W. Walker	19260	28 March ..	31	6 April.*
Telegraphy, Wireless	A. Artom	19275	30 March ..	..	..
Testing. (See Ball-testing, Bowl-testing.)					
Tickets, Punching and recording	E. Cornwall-Cook	17885	5 May, 1904	22	9 March.
Ticket issuer and recorder	J. F. Ohmer	19052	9 Feb. ..	22	9 March.
Ticket transferrer and issuer	J. F. Ohmer	19053	9 Feb. ..	22	9 March.
Tidal motor	R. H. Crook	19147	23 Feb. ..	28	23 March.*
Tiles, Apparatus for coating	R. O. Clark	19093	15 Feb. ..	22	9 March.*
Time-table	H. Ashworth	19256	28 March ..	..	..
Tinuing and galvanising wire bodies	G. A. Goodson	18962	9 June, 1904†	..	..
Tins, Closing	G. W. Berry	18047	16 June, 1904	31	6 April.
Tins, Tap for	H. S. Clark	19289	31 March ..	..	..
Tin. (See Kerosene-tin.)					
Tip-truck for railway	S. J. Miller	18990	25 Jan. ..	11	9 Feb.*
Tire for motor-car, &c.	C. A. Kidd	18968	18 Feb. ..	28	23 March.*
Tire, Inner casing for	R. B. Graham	19109	18 Feb. ..	..	..
Tire, Rubber	Consolidated Rubber Tire Company	19257	13 Apr., 1904†	..	..
Tire, Vehicle-	J. Thomson	19142	24 Feb. ..	28	23 March.*
Tire, Unpuncturable	F. C. Ablett and R. S. Elston	19172	6 March ..	31	6 April.*
Tire, Vehicle-wheel	H. Garner	19242	23 March ..	..	..
Tire, Wooden	R. Whitson	19259	25 March ..	31	6 April.*
Toasting-rack	J. Paterson	18979	20 Jan. ..	31	6 April.
Tobacco-cutter	W. H. Wingfield and J. Balding	19238	22 March ..	..	..
Tool, Pneumatic	R. Temple	19179	7 March ..	31	6 April.
Tool, Pneumatic	R. Temple	19180	7 March ..	31	6 April.
Totalisator	G. H. Wallace and W. H. Lowthen	17975	31 May, 1904	17	23 Feb.
Totalisator	D. M. Robertson	17882	7 May, 1904	28	23 March.
Totalisator displaying-records	J. G. Buchanan	19191	9 March ..	..	..
Tram-rail cleaner	A. Treadwell	19108	20 Feb. ..	28	23 March.*
Tram-rail scraper	J. W. Murdock	18972	16 Jan. ..	..	..
Trees, Extracting	E. S. Schroeder	19113	21 Feb. ..	22	9 March.*
Trolley-pole	J. W. Rooney	17818	20 April, 1904	17	23 Feb.
Trolley-pole controller	F. H. Cooper	19015	1 Feb. ..	11	9 Feb.*
Trimming-machine	United Shoe Machinery Company	19051	9 Feb. ..	17	23 Feb.*
Trolley-head protector	W. Whyte	19162	3 March ..	28	23 March.*
Truck. (See Railway tip-truck, Hand-truck.)					
Turbine, Steam-	J. C. Fraser	19045	4 Feb. ..	17	23 Feb.*
Turbine, Steam-	A. Irvine, sen.	18995	26 Jan. ..	11	9 Feb.*
Turnip-ridger, Lifting-device for	A. Storrie	18954	7 Jan. ..	17	23 Feb.*
Turnip-thinner	A. Storrie	18953	7 Jan. ..	11	9 Feb.*
Turnip-thinner and potato-digger	D. McKinnon	19120	22 Feb. ..	22	9 March.*
Udder of cow, Injecting sterilised air into	W. K. Wallace and J. W. Deem	19139	25 Feb. ..	..	..
Under-gear for go-cart	H. Kitchin	18921	4 Jan. ..	6	26 Jan.*
Valve. (See Exhaust-valve.)					
Vamping-appliance	F. W. Gardiner	19137	25 Feb. ..	28	23 March.*
Vapour-generator for destruction of weeds and rabbits	B. Locking	18980	21 Jan. ..	17	23 Feb.
Vaporiser for oil-engine	A. O. and W. J. Grundy	18997	27 Jan. ..	17	23 Feb.*
Vaporiser for oil or gas engine	R. J. Scott	19280	31 March ..	..	..
Vehicle. (See also Motor-vehicle.)					
Vehicle, Self-propelling motor for	H. P. Saunderson	19003	25 Jan. ..	11	9 Feb.*
Vehicle-hubs, Ball-bearing	J. W. Dickinson, jun.	18946	12 Jan. ..	11	9 Feb.
Vehicle-wheel lock	T. Loftus	19158	1 March ..	31	6 April.*
Vehicle-wheel tire	J. Thomson	19142	24 Feb. ..	28	23 March.*
Vehicle, Supplying current to electrically propelled	J. T. Hunter	19020	2 Feb. ..	17	23 Feb.
Vehicle-wheel tire	H. Garner	19242	23 March ..	..	..