

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Tap	J. F. W. H. Schadick ..	16824	17 Aug. ..	74	17 Sept.*
Tap and gauge	A. H. Brownley ..	16638	16 July ..	63	6 Aug.
Tap, Attaching draw-off, to kerosene-tin ..	W. E. Hughes ..	16873	27 Aug. ..	74	17 Sept.*
Tap, Flush-	T. W. May ..	16600	8 July ..	63	6 Aug.*
Tape-perforating apparatus	J. Gell ..	16637	16 July ..	66	20 Aug.
T square, easel, &c.	E. Gillow ..	16969	12 Sept. ..	78	1 Oct.*
Teat-cup, Pneumatic	A. Gillies ..	16944	10 Sept. ..	74	17 Sept.*
Telegraphic tape-perforating apparatus ..	J. Gell ..	16637	16 July ..	66	20 Aug.
Temperature-indicator	J. Gallagher ..	16699	28 July ..	66	20 Aug.*
Tension bridge	F. Lambert ..	16577	3 July ..	66	20 Aug.*
Tent	H. H. Hillard and A. Priddle ..	16937	10 Sept. ..	81	15 Oct.
Threshing-machine	C. P. Pratt ..	16872	27 Aug. ..	74	17 Sept.*
Tidal-power generator	H. M. Meinung ..	16710	30 July ..	66	20 Aug.*
Tightener, Driving-belt and rope	A. S. Pike ..	15747	11 Dec., 1902	70	3 Sept.
Tin. (See Cake-tin, Kerosene-tin.)					
Tin, Fixing bottom on	W. White ..	16961	12 Sept. ..	81	15 Oct.*
Tip-wagon mechanism	H. S. Hayling ..	16643	16 July ..	63	6 Aug.
Tire, Bicycle-	J. Turnbull and S. Nicolson ..	16956	10 Sept. ..	81	15 Oct.*
Tire, Bicycle-	E. A. Dane and R. P. Gibbons ..	16829	17 Aug. ..	70	3 Sept.*
Tire, Bicycle-, &c.	G. H. Moss, jun. ..	17011	22 Sept. ..	81	15 Oct.*
Tire-cover	G. T. Shilton and A. Schultze ..	16196	2 April ..	63	6 Aug.
Tire-cover	F. S. Ornstein ..	15703	29 Nov., 1902	74	17 Sept.
Tire, Pneumatic	Dunlop Pneumatic Tire Company of Australasia, Limited ..	16943	10 Sept. ..	74	17 Sept.*
Tire-protector	G. T. Stewart ..	16769	7 Aug. ..	74	17 Sept.*
Tire-remover	S. Nicolson ..	15659	20 Nov., 1902	60	23 July.
Tires, Treating inner tubes of	F. W. Hall ..	16832	21 Aug. ..	74	17 Sept.
Toasting-appliance	T. M. Wilford ..	16957	10 Sept. ..	78	1 Oct.*
Toasting-fork and grid	W. Moore and R. A. McCulloch ..	16593	1 July ..	60	23 July.*
Tobacco-cutter	G. Kochendorffer ..	16680	20 July ..	66	20 Aug.*
Tobacco-pipe	W. Greenshields ..	16973	15 Sept. ..	81	15 Oct.*
Tool, Hedge-clipping	J. Walsh ..	16633	13 July ..	63	6 Aug.
Tool, rock-drilling, Sharpening	A. Purser, F. W. Jenkins, C. R. McA. Millar ..	15852	9 Jan. ..	60	23 July.
Tool, Soldering-	R. H. Mason ..	16597	2 July ..	60	23 July.*
Tooth-brush	H. E. Crease and W. Williams ..	16778	11 Aug. ..	70	3 Sept.*
Totalisator	D. M. Robertson ..	16958	11 Sept. ..	78	1 Oct.*
Toy	J. B. Mack ..	16867	27 Aug. ..	74	17 Sept.*
Trace-chain spreader	A. Dale ..	16918	3 Sept. ..	78	1 Oct.
Trace-fastening	J. Bates ..	16622	8 July ..	63	6 Aug.*
Tracer for dress-cutting	L. Roberts ..	17024	23 Sept. ..	81	15 Oct.
Traction-engine wheels, Gripper for	J. Butler and P. Burke ..	16812	14 Aug. ..	70	3 Sept.*
Tramway and railway door	H. J. Manson ..	16611	10 July ..	60	23 July.*
Tramway fares, Distributing and collecting ..	T. H. Reid ..	16705	29 July ..	74	17 Sept.*
Tramway-seat	A. Ashcroft and S. Clark ..	16905	29 Aug. ..	74	17 Sept.*
Trap. (See Animal-trap, Bird-trap, Fly- trap, Mosquito-trap, Mouse-trap, Siphon- trap.)					
Trap for sumps	J. W. Lyes ..	16959	12 Sept. ..	78	1 Oct.*
Travelling-race	C. Rask and E. A. Cameron ..	16627	8 July ..	63	6 Aug.*
Trees, Catching gum from	A. J. McPharlin ..	16879	28 Aug. ..	74	17 Sept.*
Trees, Cutting incisions in	A. J. McPharlin ..	16928	8 Sept. ..	78	1 Oct.*
Trough for feeding animals	J. Carlye ..	15412	18 Sept., 1902	60	23 July.
Trouser-clip	W. Beamish ..	16822	17 Aug. ..	70	3 Sept.*
Trouser-stretcher	W. T. Nuttall and A. Inkpen ..	16698	28 July ..	66	20 Aug.
Trouser-stretcher	G. Holford ..	16704	29 July ..	66	20 Aug.*
Truck, Spring hand-	T. Kendrick ..	16693	24 July ..	66	20 Aug.*
Trucks, Loading gravel into	R. A. Wilson ..	16895	1 Sept. ..	74	17 Sept.*
Tube-cleaner	G. A. King-Ansell ..	16697	28 July ..	66	20 Aug.
Tubes, Manufacture of	B. F. McTear and H. C. W. Gibson ..	16782	12 Aug. ..	70	3 Sept.
Tubular dryer	E. Seagar ..	16642	16 July ..	63	6 Aug.*
Turning and shaping masts	W. H. Dunk ..	16874	27 Aug. ..	74	17 Sept.
Turning leaves of music	W. Jacobsen ..	16902	2 Sept. ..	74	17 Sept.*
Turning leaves of music	G. S. Budge ..	16781	11 Aug. ..	70	3 Sept.*
Umbrella, Construction of	J. F. Wilson and E. H. Whitmore ..	16757	6 Aug. ..	66	20 Aug.*
Umbrella, Holding ends of ribs of, when closed	J. F. Wilson and E. H. Whitmore ..	16756	6 Aug. ..	66	20 Aug.*
Umbrella, Securing ends of ribs of	J. F. Wilson and E. H. Whitmore ..	16711	30 July ..	66	20 Aug.*
Umbrella, Securing ribs to	W. S. Robinson and P. S. Swanson ..	16650	17 July ..	63	6 Aug.*
Umbrella-tip retainer	P. Kahlenberg ..	16605	6 July ..	60	23 July.*
Undersleeves, Fastener for	R. H. Mason ..	16727	29 July ..	66	20 Aug.*
Valve, Football-	G. G. Turri ..	16740	4 Aug. ..	70	3 Sept.
Valve, Football-	W. Wallace ..	16952	10 Sept. ..	78	1 Oct.*
Valve for high-pressure tap	J. F. W. H. Schadick ..	16824	17 Aug. ..	74	17 Sept.
Valve, Tap or	G. Butel ..	16728	3 Aug. ..	66	20 Aug.*
Vat-churn	A. McDonald ..	16970	10 Sept. ..	81	15 Oct.
Vehicle-springs attachment	F. S. Potter ..	15144	17 July, 1902	57	9 July.
Vehicle-springs, Producing unison of ac- tion in	T. G. Stevens ..	16992	17 Sept. ..	84	29 Oct.
Vending-machine	E. Shaw ..	16892	29 Aug. ..	78	1 Oct.
Venetian-blind	M. Kimbel ..	16880	27 Aug. ..	74	17 Sept.*
Ventilating glass	H. K. Wilkinson ..	16982	11 Sept. ..	78	1 Oct.*
Ventilator	A. Burt ..	16854	22 Aug. ..	74	17 Sept.*
Ventilator	G. Bolton ..	16647	11 July ..	63	6 Aug.*
Ventilator	M. Bowles ..	17053	28 Sept. ..	91	26 Nov.
Ventilator	W. F. Slack ..	15552	25 Oct., 1902	63	6 Aug.