

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Precious metal from ore, Recovering ..	T. J. Grier ..	16302	6 May ..	43	28 May.
Precious metals, Recovering ..	H. L. Sulman and H. F. Kirkpatrick-Picard ..	16505	17 June ..	57	9 July.
Preserving food ..	J. T. Hunter ..	16173	2 April ..	29	16 April.
Preserving food, &c. ..	C. Beale ..	15212	2 Aug., 1902 ..	37	14 May.
Preserving meat ..	R. Emmerich ..	16566	25 June ..	60	23 July.
Preserving, &c., Milk ..	J. R. Hatmaker ..	16287	30 April ..	37	14 May.
Press and pump for mining, Hydraulic ..	A. J. Tonge, J. Tonge, jun., and E. Eaves ..	16308	7 May ..	43	28 May.
Pressure-protector frame for diving-dresses Preventing cow from kicking. (See Cow-kicking.)	A. E. Rouse ..	16482	12 June ..	50	25 June.*
Probe for teat of cow ..	C. Ridd and C. E. Young ..	15964	10 Feb. ..	33	30 April.
Propeller, Spiral screw- ..	E. V. Dixon ..	16278	28 April ..	37	14 May.*
Pulverising-mill ..	Elspace Roller Quartz-mill and Manufacturing Company ..	16258	22 April ..	47	11 June.
Pump, Centrifugal tailings, &c. ..	L. Phillips ..	16252	20 April ..	33	30 April.*
Pump for mining, Hydraulic ..	A. J. Tonge, J. Tonge, jun., and E. Eaves ..	16308	7 May ..	43	28 May.
Pump. (See Force-pump.)					
Rabbit-crate ..	J. G. Scoullar ..	16411	26 May ..	47	11 June.*
Rabbit-extermimator ..	T. G. Russell and A. H. P. Noble ..	15057	28 June, 1902 ..	57	9 July.
Rabbit-trap ..	J. Campbell ..	15370	9 Sept., 1902 ..	47	11 June.
Rackarock cartridge draining ..	Australian Explosives and Chemical Company, Limited ..	16227	15 April ..	33	30 April.*
Railway-bicycle trolley ..	J. Kelly ..	16216	7 April ..	33	30 April.*
Railway-car, Construction of ..	P. Herbert ..	16404	28 May ..	50	25 June.*
Railway-couplings ..	Westinghouse Brake Company, Limited ..	16428	2 June ..	50	25 June.
Railway-coupling device ..	G. E. Richardson ..	16286	30 April ..	37	14 May.
Railway-crossing pivot-blade joint ..	W. Watts ..	15493	9 Oct., 1902 ..	33	30 April.
Railway-signalling appliance ..	T. Cairns ..	16570	30 June ..	63	6 Aug.
Railway-switch, Overhead ..	J. Anderson and A. E. M. Aschman ..	16310	7 May ..	37	14 May.*
Railway-vehicle, Coupling and uncoupling	S. Lintern ..	16343	13 May ..	43	28 May.*
Raising cooking-range fireplace ..	J. A. Fiddes ..	16323	6 May ..	37	14 May.*
Raising sunken vessel ..	D. C. Groves and A. R. Stanton ..	16096	16 March ..	37	14 May.
Ratchet screw-wrench ..	G. S. Evans ..	16394	28 May ..	47	11 June.*
Rat-trap ..	G. Holford ..	16451	8 June ..	57	9 July.
Rat-trap ..	P. V. L. Alkemade ..	16514	18 June ..	57	9 July.
Reaping-machine cutting mechanism ..	F. Butterick ..	16431	2 June ..	47	11 June.*
Receptacle, Withdrawing liquid from ..	H. M. Rockall and F. Thomson ..	16328	11 May ..	43	28 May.
Refrigerating apparatus, Means of determining quantity of liquid in	J. Smaill ..	14830	2 May, 1902 ..	47	11 June.
Register-grate, Adjusting shutters of	H. A. E. Kelly ..	16486	13 June ..	50	25 June.*
Register-grate, Draught-creating device for Regulator. (See Trap-seat regulator.)	H. A. E. Kelly ..	16484	9 June ..	50	25 June.*
Remedy for cancer ..	H. Currie ..	16238	15 April ..	33	30 April.*
Rifle. (See Gold-saving rifle.)					
Rivet ..	E. M. McLauchlan ..	16172	2 April ..	29	16 April.*
Roads, Breaking-up, &c. ..	T. C., T. A., and S. C. Darby ..	15314	27 Aug., 1902 ..	33	30 April.
Roller crushing-mill ..	E. Waters, jun. ..	16503	17 June ..	57	9 July.
Rule, wire-twister, and file ..	A. Gray ..	15267	15 Aug., 1902 ..	43	28 May.
Rust-remover ..	R. B. Wight ..	16549	22 June ..	57	9 July.*
Saddle-cloth ..	G. W. L. Mackay ..	16244	15 April ..	33	30 April.*
Saddle-tool-bag ..	A. Gray ..	15266	15 Aug., 1902 ..	43	28 May.*
Safety-catch for hauling-engine drum	S. H. Wicksteed ..	16264	24 April ..	37	14 May.*
Safety-gear for mine skip, cages, &c.	W. B. Stevenson ..	16401	28 May ..	47	11 June.
Safety-hairpin ..	A. Wilson ..	16271	23 April ..	37	14 May.*
Saleability of goods, Increasing	A. J. Park ..	16261	17 April ..	33	30 April.*
Sales-book, Counter-check ..	C. B. Smith ..	16330	8 May ..	43	28 May.
Sand and tailings pump ..	L. Phillips ..	16252	20 April ..	33	30 April.*
Sash, Balancing window- ..	G. L. Stokes ..	16237	16 April ..	33	30 April.*
Sash-fastener ..	R. Baxter ..	16559	24 June ..	60	23 July.*
Sash-fastener ..	J. McK. Macintosh ..	16372	19 May ..	43	28 May.*
Sash-fastener ..	A. F. W. Lorie ..	16418	29 May ..	47	11 June.*
Sash-fastener, Window- ..	W. T. Michelli ..	15010	17 June, 1902 ..	37	14 May.
Sash hanger and lock ..	G. M. Scott ..	16582	29 June ..	60	23 July.*
Sash holder and lock ..	A. H. Wylds ..	16276	28 April ..	37	14 May.*
Sash lock, Window- ..	J. Hessey ..	16223	14 April ..	33	30 April.*
Sash mover and lock ..	J. R. Park ..	16489	12 June ..	50	25 June.*
Sash retainer, Window- ..	S. Lintern ..	16255	22 April ..	33	30 April.*
Saucer, &c., holder ..	J. L. Nicol ..	16321	6 May ..	37	14 May.*
Saw-handle ..	N. L. Nicholson ..	16459	9 June ..	50	25 June.*
School-bag shoulder-strap ..	G. Goosman ..	15196	28 July, 1902 ..	37	14 May.
School-slate cleaner ..	R. T. Stewart ..	16384	20 May ..	47	11 June.*
Soissors, shears, &c. ..	A. Wood ..	16526	19 June ..	60	23 July.
Scoop, Earth- ..	R. E. Taylor ..	16177	1 April ..	29	16 April.*
Scraper for agricultural implement wheels	A. E. Watson ..	16527	19 June ..	60	23 July.
Screen and elevator for gold-dredge ..	T. M. O'Rourke ..	16361	16 May ..	57	9 July.
Screw ..	J. Wren ..	16380	22 May ..	47	11 June.*
Screw-propeller for vessels ..	E. V. Dixon ..	16278	28 April ..	37	14 May.*
Scuttle. (See Coal-scuttle.)					