

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Prop. (See Clothes-prop.)					
Prop-clip	J. W. Mackay	20896	22 March ..	31	19 April.*
Propeller	J. Fola	20882	21 March ..	31	19 April.
Propeller-blades	J. W. Butterworth	21098	7 May ..	42	31 May.*
Propeller, Preventing "racing" of	H. H. Adams	21053	26 April ..	..	..
Protector. (See Boot and shoe protector, Tire-protector.)					
Pudding-boiler	R. Newman	21387	30 June ..	..	..
Pulley, Expansible	E. E. James and S. and H. E. Dunn	21058	1 May ..	46	14 June.*
Pump	J. J. Gilday	21163	17 May ..	59	12 July.*
Pump	Brunswick Refrigerating Company	20883	21 March ..	31	19 April.
Pump, Beer-	F. G. M. Brittin	21211	28 May ..	..	..
Pump, Centrifugal	R. P. Park	21369	28 June ..	..	..
Pump connecting-piece, Valve and	R. V. Danne	21225	29 May ..	..	..
Pump, Force and lift	J. Hopkirk	21309	14 June ..	..	..
Pump, Rotary	A. E. Luttrell	21159	17 May ..	..	..
Pump shoe, Manufacture of	C. J. Walker	21113	9 May ..	59	12 July.*
Pump, Vacuum	B. G. A. Harkness	21266	7 June ..	59	12 July.*
Quartz, &c., Reducing	I. Lewis	21134	12 May ..	46	14 June.*
Rabbit and trap carrier	G. W. C. Shirley	21084	1 May ..	53	28 June.*
Rabbit-burrows, Detecting escape of	A. H. Russell	21112	9 May ..	46	14 June.*
poisoned fumes from					
Rabbit-destruction	J. Ratray and G. Eason	20967	5 April ..	31	19 April.*
Rabbit-destruction	A. H. Russell	21111	9 May ..	..	..
Rabbit-trap	B. Blick	21136	10 May ..	..	..
Race-starter	E. Rains	19749	18 July, 1905	53	28 June.
Race-starter	L. G. Wieneke	21297	13 June ..	..	..
Rail-joint	J. A. Belk	21313	15 June ..	..	..
Rail. (See Tram-rail.)					
Railway-coupling	W. E. Crook	21296	13 June ..	59	12 July.*
Rails, Dressing	M. Woods and T. J. Gilbert	20887	21 March ..	31	19 April.*
Railway-indicator	A. J. Border	20992	12 April ..	46	14 June.
Railway-points, Operating	A. S. Heideman	21102	8 May ..	53	28 June.
Railway-points, Operating	W. Taylor	21270	7 June ..	..	..
Railway-wagon-moving, Shunter's	E. J. Vining and G. D. Weir	20980	11 April ..	38	17 May.
Railway-vehicle coupling	J. T. W. S., and C. J. H. Payne, and A. W. Smith	20923	28 March ..	38	17 May.*
Rain and dust excluder	H. Bairstow	21103	8 May ..	53	28 June.*
Ram. (See Hydraulic ram.)					
Range, Kitchen-	F. Burke and H. L. Mainland	21104	5 May ..	..	..
Ratchet wrench	G. S. Stevenson	19643	24 June, 1905	42	31 May.
Reaming pipes and tubes	M. Bowles	21325	16 June ..	..	..
Reaper and binder	G. H. Evans	21258	2 June ..	59	12 July.*
Reaper and binder apron	J. H. L. Barry	21036	20 April ..	42	31 May.*
Recorder. (See Billiard-recorder, Vote-recorder.)					
Reel, Fishing-	R. T. Cross	21196	25 May ..	..	..
Refrigerating-apparatus	Brunswick Refrigerating Company	20885	21 March ..	31	19 April.
Register. (See Cash-register, Change-giving register.)					
Regulator. (See Gas-regulator, Engine-regulator.)					
Revolver	A. Gardiner	21247	29 May ..	..	..
Ridging-machine, Scraping rollers of	J. Macalister	19811	25 July, 1905	59	12 July.
Rifle, Wind-gauge for	W. J. C. Downey	21106	20 March† ..	59	12 July.
Rifle for gold-saving	D. Morgan	20888	21 March ..	38	17 May.*
Rivet	The Bifurcated Rivet Company, Limited	21009	18 April ..	42	31 May.
Rock-drill	T. Warsop	21340	22 June ..	..	..
Roofing-tile	N. Nielsen	20773	26 Feb. ..	38	17 May.
Rotary engine	W. C. Haines	21214	28 May ..	59	12 July.*
Rotary engine	G. E. Dod	21295	13 June ..	59	12 July.*
Rubber-heel fitting	J. Robertson and F. Blackburn	21000	12 April ..	46	14 June.
Rubber spring	T. J. Davenport	20894	21 March ..	35	3 May.*
Rubber-tube cleaner	G. E. Churches	21146	15 May ..	59	12 July.*
Sandal-strap	Duckworth, Turner, and Company, Limited	21040	25 April ..	..	..
Sash lock and balance	G. Westmoreland, J. F. Pettie, and E. H. Hewetson	21249	1 June ..	..	..
Sash. (See also Window-sash.)					
Saucepan-lid	C. Kendrick	20886	21 March ..	38	17 May.
Scaffolding-bracket, Hanger for	C. Lucas	21216	28 May ..	59	12 July.*
Scaffolding-bracket, Hanger for	C. Lucas	21261	6 June ..	..	..
School desk and chair	A. Crichton and W. Williams	21081	3 May ..	..	..
School-desk or drawing-table	J. E. Dangerfield and F. C. J. Cockburn	21251	29 May ..	..	..
Scoop for cleaning gutters	H. Harper	21143	15 May ..	46	14 June.*
Seal, Mail-bag	J. Anschau	19645	28 June, 1905	53	28 June.
Sealing receptacles hermetically	I. W. and A. C. Cadle	21240	31 May ..	..	..