

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Carrier. (See Clothes-carrier, Egg-carrier.)					
Cart, Tip- .. .. .	W. F. Harwood and R. F. Way ..	18320	16 Aug. ..	74	1 Sept.*
Cash-check, Electrical .. .. .	E. Guess .. .. .	18325	17 Aug. ..	80	29 Sept.
Castor .. .. .	C. E. E. Smith .. .. .	18188	18 July ..	..	..
Castor, Ball-bearing .. .. .	J. H. Hickman .. .. .	18354	22 Aug. ..	..	..
Catamenial appliance.. .. .	E. Schulze .. .. .	18371	25 Aug. ..	80	29 Sept.*
Cattle, Dehorning .. .. .	R. N. R. Lindsay .. .. .	18432	8 Sept. ..	80	29 Sept.*
Cattle, Tail-grip for .. .. .	J. Robertson .. .. .	16985	11 Sept., 1903	59	7 July.
Cement for jointing pipes .. .. .	W. Danks .. .. .	18117	5 July ..	66	4 Aug.
Centrifugal separator bowl, Inlet pipe for	A. L. Christenson .. .. .	18107	1 July ..	..	..
Centrifugal separator liner .. .. .	P. A. M. Arnberg .. .. .	17074	7 Oct., 1903	62	21 July.
Centrifugal turbine pump .. .. .	Henry R. Worthington .. .. .	18366	25 Aug. ..	80	29 Sept.
Centrifugal turbine pump .. .. .	Henry R. Worthington .. .. .	18367	25 Aug. ..	80	29 Sept.
Chaff-cutter feeding-attachment .. .. .	C. Murnane .. .. .	18387	1 Sept ..	77	15 Sept.*
Chain drive manure-feed .. .. .	J. Macalister .. .. .	17116	15 Oct., 1903	69	18 Aug.
Chains, Clasp for spreaders on .. .. .	J. Holms, jun. .. .. .	18452	12 Sept. ..	80	29 Sept.*
Channel flap-laying machine .. .. .	J. B. Hadaway .. .. .	17315	2 Dec., 1903	74	1 Sept.
Checking machine, Cash- .. .. .	E. Guess .. .. .	18325	17 Aug. ..	80	29 Sept.
Cheque form and receipt .. .. .	W. Quin .. .. .	18408	6 Sept. ..	80	29 Sept.*
Chess and draught board .. .. .	J. Collins .. .. .	18495	26 Sept. ..	..	..
Children, Appliance for use by .. .. .	M. Nikander .. .. .	18087	24 June ..	66	4 Aug.*
Chiming-machine .. .. .	T. Cook .. .. .	18416	7 Sept. ..	83	13 Oct.
Chromo-photo lithography .. .. .	A. Stephan and R. Sands .. .. .	18333	18 Aug. ..	77	15 Sept.
Churn .. .. .	W. W. Pilkington and L. N. Nat- trass .. .. .	18380	30 Aug. ..	80	29 Sept.*
Churn, Rotating .. .. .	S. A. Ekehorn .. .. .	18390	1 Sept. ..	83	13 Oct.
Cigarette mouthpiece .. .. .	Standard Mouthpiece Machine Company .. .. .	18418	7 Sept. ..	83	13 Oct.
Cistern .. .. .	W. Borlase .. .. .	18279	2 Aug. ..	69	18 Aug.*
Cistern, Valve for water- .. .. .	R. Garnham .. .. .	18129	6 July ..	62	21 July.*
Clasp for spreaders on traces.. .. .	J. Holms, jun. .. .. .	18452	12 Sept. ..	80	29 Sept.*
Clay-remover for dredges .. .. .	G. S. Stevenson .. .. .	18535	30 Sept. ..	83	13 Oct.*
Clay, Removing from hoes of grain-drill..	P. Nunn .. .. .	18297	11 Aug. ..	69	18 Aug.*
Cleaner. (See Knife-cleaner.)					
Cleaning refrigerator-pipes .. .. .	R. S. Watson .. .. .	17313	2 Dec., 1903	74	1 Sept.
Clearing land, Lever-jack for .. .. .	B. and W. Trehwella .. .. .	18435	6 Sept. ..	80	29 Sept.*
Clinch for fixing handles to buckets	A. O. and W. J. Grundy .. .. .	18441	13 Sept. ..	83	13 Oct.*
Clip, Paper .. .. .	D. W. Bodle .. .. .	18446	14 Sept. ..	80	29 Sept.*
Closet, Dry earth- .. .. .	W. M. Richards, C. J. Cohen, and R. Thomas .. .. .	18357	23 Aug. ..	77	15 Sept.*
Closet, Flush for water- .. .. .	R. Paladini .. .. .	18473	22 Sept. ..	83	13 Oct.*
Clothes-carrier and bath-tub .. .. .	W. Stevenson .. .. .	18379	30 Aug. ..	80	29 Sept.
Clothes-peg .. .. .	C. E. H. Allen .. .. .	18374	25 Aug. ..	..	..
Coal-cutter and channeller-tool .. .. .	F. Eisenbeis and F. Garely .. .. .	18407	6 Sept. ..	83	13 Oct.
Coal-dust, &c., Binding together .. .. .	H. L. Mitchell, G. C. Oakley, and G. W. Goode .. .. .	18238	28 July ..	74	1 Sept.
Coal, Obtaining ammonium chloride from	A. G. French .. .. .	18493	21 Sept. ..	83	13 Oct.*
Coal-saver for register-grate .. .. .	J. Hercus and W. McLennan .. .. .	18198	18 July ..	69	18 Aug.
Coat. (See Riding and driving coat.)					
Cock, Low-pressure .. .. .	J. Mitchell .. .. .	18346	15 Aug. ..	80	29 Sept.
Cock, Stop .. .. .	T. Ritchie .. .. .	18524	28 Sept. ..	83	13 Oct.*
Coin-controlled machine .. .. .	R. Wales .. .. .	18251	28 July ..	74	1 Sept.*
Coin-controlled stamp-affixing machine	R. Wales .. .. .	18170	13 July ..	66	4 Aug.*
Coin freed stamping-machine .. .. .	E. Moss .. .. .	18337	17 Aug. ..	74	1 Sept.*
Collar, Horse- .. .. .	J. M. Toft .. .. .	18091	28 June ..	66	4 Aug.*
Collar-stud .. .. .	R. Wales .. .. .	18169	13 July ..	69	18 Aug.*
Collar-stud .. .. .	C. V. Jenkins.. .. .	18201	22 July ..	69	18 Aug.*
Column for building .. .. .	F. Visintine .. .. .	18127	6 July ..	66	4 Aug.
Combination tool .. .. .	W. Gray .. .. .	18094	28 June ..	69	18 Aug.
Combination hanger .. .. .	S. W. Bonsall .. .. .	18229	28 July ..	74	1 Sept.
Combustible gas-generator .. .. .	F. Cotton .. .. .	18166	19 July ..	74	1 Sept.
Controller. (See Electric-motor con- troller, Vehicle-wheel spread controller, Voltage-controller.)					
Cooler, Milk- .. .. .	W. H. Spiller .. .. .	18291	9 Aug. ..	69	18 Aug.*
Cork-seal .. .. .	G. S. Stevenson .. .. .	18534	30 Sept. ..	..	..
Coupling. (See Hose-coupling, Pipe-coup- ing, Railway-coupling.)					
Cover. (See Animal-cover, Book-cover, Washing-boiler cover.)					
Cow leg-roper .. .. .	A. C. McNeill .. .. .	18276	4 Aug. ..	69	18 Aug.*
Cow leg-roper .. .. .	F. J. Ellery .. .. .	17203	5 Nov., 1903	74	1 Sept.
Cradles, Automatically rocking .. .. .	F. Soper .. .. .	18164	16 July ..	69	18 Aug.*
Cramp, Lining and flooring .. .. .	A. G. Sampson .. .. .	18317	15 Aug. ..	74	1 Sept.*
Cramping floors, Appliance for .. .. .	J. A. Nikander .. .. .	18283	3 Aug. ..	69	18 Aug.*
Cream-separator .. .. .	H. J. Baker .. .. .	18487	23 Sept. ..	83	13 Oct.*
Cream-separator .. .. .	G. Leach .. .. .	17159	29 Oct., 1903	74	1 Sept.
Cream-separator .. .. .	W. H. Davey.. .. .	18523	29 Sept. ..	83	13 Oct.*
Cream-separator and milk-cooler	W. H. Spiller .. .. .	18291	9 Aug. ..	69	18 Aug.*
Crickets-stumps .. .. .	A. Bridge .. .. .	18485	22 Sept. ..	..	..
Crimping can bodies .. .. .	G. W. Berry and J. J. Sneesby .. .. .	18479	22 Sept. ..	83	13 Oct.*
Crozing and chiming machine .. .. .	T. Cook .. .. .	18416	7 Sept. ..	83	13 Oct.