Staple forming and driving machine, G. W. Packer Steam generator, C. A. Kitts	705,433 705,533	1
	705,330 705,256	,
Dudley Stitching machine, bar, F. T. Leilheh Stene fencing, artificial, C. W. Stevens Stopper. See bottle stopper. Stovepipe, B. A. Williamson Straw carrier raddle, M. Heineke. Sucker rod stub, I. Rallston Sulfocyanies from coal gas, making, H. W. Smith et al.	705,156 705,507 705,528	1
Sucker rod stub, I. Rallston	705,443	
Suspenders, J. W. Burgett. Swing, J. Bany, Sr.	705,152 705,205 705,014 705,401	
Smith et al. Suspenders, J. W. Burgett. Swing, J. Bany, Sr Swinging gate, S. Hamilton. Table server, A. T. Hatch. Table spread and napkin holder, combined, C. M. Wales.	705,237	
Talking ma whites, horn supporting arm for, L. P. Valiquet	705,496 705,165	
R. J. Fisher	705,522 705,227	92
C. M. Wales. Talking ma-hines, horn supporting arm for, L. P. Valiquet Talley sheet attachment for billing platens, R. J. Fisher Telegraph, printing, T. M. Foote. Telephone systems, toll collecting and call recording device for, J. B. Gill (reissue) Telephone wires, device for preventing humming of, M. Grover Telesig, multiplex, Burnett & Goodall.	12,015	-
ming of, M. Grover Telesig, multiplex, Burnett & Goodall. Thermometer, multiplex electric, A. Zeleny Thill coupling, C. A. Smith Tire heater, J. Gogel Tire, rubber, A. W. Grant. Tire, solid rubber, Wheeler & Kremer Tire, vehicle, J. Christy, Jr. Tire, vehicle, Wheeler & Kremer Tobacco leaf sorting machine, E. A. Rollman Tobacco pipe, H. L. Austwick. Tongue switch. G. M. Ervin Tooth, artificial, J. J. Reynolds. Tooth, artificial, T. Steele. Tooth mount, artificial, H. D. Justi. Top spinning device, F. W. Kranz Toy horn, F. J. Gustine Trace chain slip link, W. J. Cass Track indicator, S. A. Staege	705,073 705,511 705,187 705,151	-
Tire heater, J. Gogel Tire, rubber, A. W. Grant. Tire, solid rubber, Wheeler & Kremer	705,151 705,340 705,072 705,178	
Tire, vehicle, J. Christy, Jr	705,178 705,038 705,175	ì
Tobacco pipe, H. L. Austwick. Tongue switch. G. M. Ervin.	705,300 705,193 705,056	I
Tooth, artificial, T. Steele	705,143 705,546 705,532	1
Top spinning device, F. W. Kranz	705,252 705,398 705,035	
Train control system, C. E. Barry Train controlling annaratus. Price & Miller	705,467 705,016 705,291	1
Train control system, C. E. Barry. Train controlling apparatus, Price & Miller Transfer system, E. W. McKenna Traveling bag, telescopic, Phillips & McHenry	705,119 705,438	
Truck bolster, H. R. Keithley. Truck, car, H. A. Dorner. Truck, r. F. De Moulernoester.	705,358 705,049 705,218	
Truss, hernial, J. H. Sherman	705,453	
Traveling bag, telescopic, Phillips & Mc- Henry Truck bolster, H. R. Keithley. Truck, car, H. A. Dorner. Trumpet, ear, E. De Meulemeester. Truss, hernial, J. H. Sherman. Turbine wheel support, steam, J. A. Bom- gren Turbines, apparatus for controlling the speed of steam, G. O. M. Olsson. Tympan surface bed, A. S. Allen. Tyne casting and setting machine, G. A.	705,025 705,124 705,012	1
Type casting and setting machine, G. A. Goodson Type casting and setting machine, J. C. & J. C. Fowler, Jr.	705,341	
J. C. Fowler, Jr	705,525	1
(reissue) Typewriter cabinet, J. E. Anderson Typewriting machine, J. E. Neahr	705,5 0 9 705,281	1
Type casting, metal pump for, F. Wicks (reissue) Typewriter cabinet, J. E. Anderson. Typewriting machine, J. E. Neahr. Typewriting machine, W. W. Morrison. Typewriting machine, C. F. Laganke. Typewriting machine accounting attachment, O. L. Ingram.	705,423 705,535	
ment, O. L. Ingram	705,409 705,521	1
ganke Typewriting machine work gage and clamp, C. F. Laganke	705,537 705,536	ľ
Typewriting machine work gage attach- ment, H. J. Halle	7 05,527	1
platen for, Fisher & Stackpole Typewriting machines, ribbon feeding mechanism for, R. J. Fisher	705,524 705,523	100
Vaginal injector, Anderson & Packness Valve, automatic, Hall & Berweld Valve, check or clack. F. W. Leidecker	705,523 705,371 705,344 7 0 5,255	1
Valve, engine, E. U. Down	705,224 705,414 705,088	
Valve operating means, C. G. Y. King Valves, etc., operating mechanism for gas	705,250	i
Vamp snipper, J. G. Grall Vapor burner, W. J. Smart	705,058 705,069 705,459 705,306	1
Vapor generation, A. Scharffe Vehicle brake, J. Orteig Vehicle, motor, C. T. B. Sangster Vehicle, motor, C. T. B. Sangster	705,306 705,431 705,304	4
Vehicle wheel, N. A. Newton	705,121 705,177	1
Typewriting machine platen, R. J. Fisher. Typewriting machine work gage, C. F. Laganke C. F. Laganke	705,357	-
McLoughlin Vending machine, coin controlled, Stone & Healy	705,477	
Healy Wagon brake, C. A. Francis. Wall, building, A. De Man. Warmer, F. J. Meier Washboard, W. B. Murphy Washboard, G. W. Newsom Washer See Can washer	705,061 705,048 705,267	
Washboard, W. B. Murphy Washboard, G. W. Newsom Washer. See Can washer.	705,116 705,284	
Washer. See Can washer. Water closet bowl, H. T. Bush Water cooler, G. W. Born Water gage, F. M. Ashley Water gage safety device, J. A. Mosher. Water heater, J. Foster	705,319 705,376 705,192	
Water heater, J. Foster Water heater, combined solar and artificial	705,132 705,113 705,335	
Water gage safety device, J. A. Mosher. Water heater, J. Foster	705,167 705,253	1
Weighing or packaging machine feed apparatus, W. H. Doble	705,222	j
Wheel scraper or cleaner, W. C. Oastler. Whist tray, duplicate, R. B. Starkweather	705,406 705,123 705,469	
Window, P. Lalor Window cleaning chair, S. Rabinowitz	705,195 705,098 705,292	1
Window opener, J. Horsfield	705,405 705,278 705,303 705,270	1
Wine cooler, J. E. Meyer Wine press, L. Perotti	705,303 705,270 705,43 7	1
Window cleaning chair, S. Rabinowitz Window opener, J. Horsfield. Window screen, J. P. McKeever. Window ventilator, J. A. Russell. Wine cooler, J. E. Meyer Wine press, L. Perotti Wire machine, barbed, W. Emery. Wire stretcher, C. Lienhardt Wire stretcher, J. Stevenson Wire twisting and reeling machine, W. Emery	705,394 705,259 7 05,54 7	1
Wire twisting and reeling machine, W. Emery Wood cutting machine, J. A. Crismore	7 0 5,331 705,324	
Emery Wood cutting machine, J. A. Crismore Woven fabric, W. T. Smith Wrench handle, E. H. Sears. Yarn drying apparatus, G. Stone	705,464 705,451 705,158	1
Yarn drying apparatus, G. Stone	705,411 705,428	1
		1

DESIGNS.

Badge, metal, E. R. Sargent	
Badge or similar article, J. L. Ewin Pincushion, pedestal, L. A. Bartholomew	35,979
I incustion, petestal, D. A. Dartholomew	30,301

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Food products made from vegetables and cereals, D. T. Wilson	,
Harmonicas, mouth, A. Vischer & Co	38,640
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C. W. Johnson	38,648
Ointment for the skin, Laxakola Company Peanuts, Gwaltney-Bunkley Peanut Co	38.646



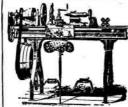
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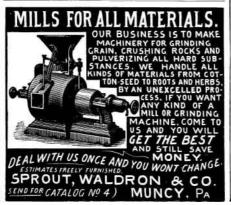


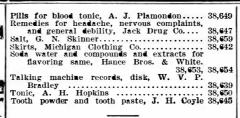
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York. Canadian patents may now be obtained by the inventors for any of the inventions named in the foregoing list. For terms and further particulars address Munn & Co., 361 Broadway, New York.

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FAMILIAR BUTTERFLIES AND MOTHS. By W. F. Kirby, F.L.S., F.E.S. London and New York: Cassell & Co., Ltd. 1901. 8vo. Pp. 144, 18 plates.

The author has endeavored to give a popular account of some of the more interesting of British butterflies and moths, and has added a small selection of European species as well. The book is fairly attractive, and undoubtedly will prove very interesting to naturalists and collectors.

DRAGONS OF THE AIR. By H. G. Seeley, F.R.S. New York: D. Appleton & Co. 1901. 16mo. Pp. 238. Price, \$1.40.

The present volume is an account of extinct flying animals, and is accompanied by a most interesting series of illustrations. The subject is most fascinating, and the author has made a valuable contribution to geological literature.

THE MANUFACTURE OF IRON AND THE SUL-PHATES OF OTHER SALTS OF ALUMINA And Iron. By Lucien Geschwind. London: Scott, Greenwood & Co. New York: D. Van Nostrand Company, 1901. 8vo. Pp. 387. Price, The present volume treats of the uses of

alumina sulphates and other salts of alumina and iron as mordants in dveing and calico printing, and their other applications in the arts, manufactures, sanitary engineering, agriculture and horticulture. A vast amount of technical information totally unobtainable elsewhere is here brought into concrete and usable form. The author has performed a most difficult task, and the result is most ad-

DELSARTE SYSTEM OF EXPRESSION. Genevieve Stebbins. New York: Edgar S. Werner Publishing and Supply Company. 1902. 16mo. Pp. 507. Price \$2.

One of the aims of the Delsarte system is so to train the body that those muscles only that should operate to perform any given act are used. The lack of physical culture, lack of physical control, is shown by muscles that should not move in any given act, thereby interfering with those muscles whose rightful function it is to perform that given act. There can be no grace, no rightful expression, until this interference is stopped. Delsarte taught relaxation as well as tension, repose as well as action. It is this system that the author has made the subject of a useful

THE ELEMENTS OF PHYSICAL CHEMISTRY. By Harry C. Jones. New York: The Macmillan Company. 1902. 8vo. Pp. 565. Price \$4.

It is now generally known that within the last fifteen years a new branch of science has come into existence. This branch, occupying a position between physics and chemistry, is known as physical chemistry. It has been the aim of the author to deal with the whole subject of physical chemistry in an elementary manner. The book is one that cannot fail to prove of value to all who are in any way interested in chemical science.

Fumigation Methods. By Willis G. Johnson, New York: Orange Judd Company. 1902. 8vo. Pp. xvi, 309.

It is stated that this work describes the best methods of fumigation. These best methods are claimed by the author to be fumigation with hydrocyanic acid gas and carbon bisulphide. The topics are discussed with fullness in a clear style. The illustrations in the book might be clearer.



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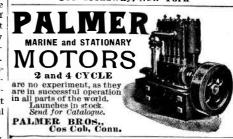


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