RECENTLY PATENTED INVENTIONS. Electrical Devices.

AIR-DRIER FOR STATIC ELECTRIC MAspecial reference for this use and combined with rounded or inclined smoothing faces at the the machine as an integral part thereof, whereby the moisture is eliminated from the air within the casing by condensation and congelation on a refrigerating receptacle over which the body of air from the casing is continuously circulated in an endless cycle by means of a fan.

Of Interest to Farmers,

CAMPBELL, Blooming Grove, Texas. The aim in this invention is to produce a tramper having means for controlling the feeding of the lint through the same, so that when the compressing plunger is in its withdrawn position the feeding operation proceeds, but when the plunger is advancing, the feeding operation ceases.

TRACK-CLEARER FOR MOWERS. — G. grass as it is cut from the standing grass, completely within the swath cut by the mower, and have a space on the outer side of the swath clear of cut grass, in which the horse can walk and follow in the succeeding cut.

and passing the vine to the next pair of disks. to be exposed for sale. The nuts and leaves fall on a screen, the leaves and vine being blown out while the nuts pass to the stemming device, which removes the stems, and the nuts then pass into a conveyer, the trash being blown away.

Of General Interest,

FLOAT FOR LOGS .- W. J. PIERPONT, JR., Savannah, Ga. In operation the fastening pin or spike may be driven into the log or timber and the buoy body be then secured upon the pin, and when the log has reached its destination the float, including its fastening pin, may be withdrawn from the \log , thus avoiding the use of any nails or other metallic fastening Vt. The invention relates more particularly which may be broken off in the logs and injure saws or other tools used in working the logs.

Belloni, Edri, Pa. Mr. Belloni's invention reand for each of the latter a series of products lates to improvements in means for ventilating resulting from the use of each of the several mines. It is especially applicable to the ven-multipliers. tilation of coal mines in which noxious gases are liable to accumulate, but it is also applicable to any mine in which the removal of foul air is desirable.

COMPOSITION OF MATTER.—C. A. GOLD-SMITH, York, Pa. The invention is a composition of matter designed for use in the treat- water, so that they resemble closely their ment of smoking tobacco, and tobacco for use natural appearance in life. in making cigars, and the object is to provide a liquid for treating the tobacco for removing therefrom the musty odor and cellar smells and other foreign odors sometimes found in tobacco.

BOX .- P. H. KRAETSCH, Astoria, Ore. The the tray.

SIPHON.—S. J. GRAHAM and A. E. FOWLER, Trout Lake, British Columbia, Canada. The discharge leg of the siphon is provided with a valve such as to prevent the suction of air RAILROAD-TIE.—E. A. Buell, Norfolk, Va. into the leg through its discharge end, but The invention is an improvement particularly direction; and an air pump having a connection with the siphon for exhausting the air therefrom. In connection with the siphon is a vent opening having a manually-operated valve by which the flow of the liquid may be easily controlled.

WINDOW.-J. CHLEBORAD. Omaha, Neb. By releasing a locking pin, either of the window sashes may be rotated in its groove, whereby to open the top or bottom of the window, or road tracks, particularly in the ties and the Alexander the Great. The articles on "Alto reverse the position of the sashes. In assembling the window the casement being in ioning block of wood is confined in a recess position, the front or upper sash is put in and a metal cap which confines the cushion place, and the parting strip is inserted and the lower sash is put in place. The inside rim is no portion of the cushion block is exposed and then placed in position, and the annular ring the elasticity of the block wholly available or or stop is secured in place by screws.

DOOR-HANGER.-G. L. SCHNEPE. York, N. Y. The invention is an improvement in door hangers and tracks for sliding doors, primarily such as include free and lineally movable roller hearings between the track and hanger, and has in view a hanger and track by which the door may have an increased travel over doors supported on tracks and hangers of the same working length as hitherto

ROLLER.-H. 'R. DERBY, Jerseyville, Ill. The roller is suitable for pulverizing and smoothing the ground, the pulverizing taking place when the roller is moved one direction.

rection. These two operations are performed by a single roller constructed with a series of disks independently revoluble, each disk hav-CHINES.—M. R. FARRAR, Greensboro, N. C. This drier for such static machines as the radial or pulverizing faces at one side and radial or pulverizing faces at the radial or pulverizing faces at the

MOLD FOR MAKING FLUTED COLUMNS. -J. P. ARCHDEACON, Boston, Mass. The inventor provides a mold for making fluted columns of cement, plaster or other plastic material, the mold being arranged to permit of building the column at the intended place on a building or in a shop, and giving it the desired tapering form and producing the flutes on the exterior surface with gradually less AUTOMATIC COTTON-TRAMPER.—E. H. depth and width according to the taper of the column.

LOCK FOR TOY BANKS.-C. HANSEN, San Antonio, Texas. The invention relates to toy banks, and has for its object to provide a bank with a door to which is secured a receptacle which is adapted to contain camphor, menthol, or other similar substance, which will gradually decrease in size when exposed to the air, BRAUN, Duncan, Neb. The improvement has in there being a supported bolt on which there is view a device which will effectually throw the a plate which is adapted to press against the contents of the box; and means provide for a pawl to slip off a bar when the door will be found to be unlocked.

FOLDABLE DISPLAY-TRAY FOR MER-CHANDISE .- F. R. FAULK and T. BRATT, Alle-PEANUT PICKER AND STEMMER.-J. T. gheny, Pa. The purpose here is to provide a BENTHALL, Suffolk, Va. In this device the construction used for exposure of seed packages vines are fed into a hopper, are seized by or other merchandise, in a prominent manner, disk fingers and become partially wedged in the and that adapt the trays for close assembling throats between the fingers and the teeth. The in a suitable receptacle, when the trays are portion wedged the tightest will draw the vine not in use, or are to be shipped to different through the other throats, stripping the nuts localities where the goods held in the trays are

Household Utilities.

FIRE-LIGHTING DEVICE.—J. FERO, Bellingham, Wash. The object here is to provide details of construction for a fire lighter which is controlled by the ordinary alarm mechanism of a portable alarm clock, and that will ignite fuel in the fire pot of a stove or range, when

Machines and Mechanical Devices.

COMPUTER.—C. A. PITKIN, Montpelier, to that type of computer in which there are provided two relatively movable members, one of which carries a series of multipliers and the SYSTEM FOR MINE VENTILATION.—D. other of which carries a series of multiplicands,

> EXHIBITING DEVICE.—E. W. LIVERMORE, Bellingham, Wash. The object of this invention is to produce a device which is especially adapted for use in exhibiting fishes. The construction is such that the mounted fish will be presented to view within a glass jar and under

Prime Movers and Their Accessories.

ELASTIC-FLUID TURBINE .--- J. P. NIKO-NOW, Evansville, Ind. The invention relates BOX.—P. H. Kraetsch, Astoria, Ore. The to turbines of the general kind used in con-object of the invention is to provide a box nection with elastic fluids, such as steam, comprovided with a plurality of compartments, for pressed air or gases of combustion, the more containing postcards, each of the compartments particular purpose being to produce a device being independently removable from the box. of this type having its parts so shaped and The cards may be inspected without removing arranged as to be easily assembled, and in its them from the tray, a notch permitting the complete form offering particular advantages lowermost card to be lifted from the bottom of as to replacement and interchangeability.

Railways and Their Accessories.

RAILROAD-TIE -E. A. BUELL, Norfolk, Va. permits the passage of a fluid in the opposite in metal ties. It provides a construction whereby rails may be securely held from spreading and will be cushioned, and the cushion will have its elasticity entirely confined within the tie and the rail can rise and fall without displacing the tie, thus permitting the rebound of the track without loosening the tie in its ballast, or other seat.

RAILROAD-TRACK.—E. A. Buell, Norfolk, tactfully and yet ably discussed. General von cushioning and fastening devices. The cushin the recess projects into the recess so that fully utilized.

Pertaining to Vehicles.

WIND-SHIELD .- J. H. SPRAGUE, Norwalk, Ohio. The invention more particularly relates to improvements in the frame which supports the transparent section. One object is to pro vide improved means for connecting the lower portion of the frame with the dashboard or filler-board interposed between the wind shield and dashboard.

Note.—Copies of any of these patents will be furnished by Munn & Co. for ten cents each. Please state the name of the patentee, title of and smoothing when moved in the opposite di- the invention, and date of this paper.

NEW BOOKS, ETC.

FACTORY ORGANIZATION AND COSTS. By J. Nicholson. New York: Technical Publishing Company, 1909. Quarto; 410 pp. Price, \$12.50.

This work is intended primarily as a handbook for manufacturers who are interested in modern methods of organization in systems of accounting, as a book of reference, and also as a text-book on cost accountings for the student. It requires a fully qualified accountject. The author has a splendid grasp of the theory and technique of cost accounting. Critical examination of this book shows that not a single germane item of any description has been neglected or slighted in any way. The forms are given on a good scale, making it easy to compile forms adapted to the individual needs of the cost specialist. The book is beautifully gotten up and is a credit to both author and publisher. There are also chapters relating to office appliances, which very full. If large concerns were of the savings that could be effected with the use of this machinery, they would not hesitate an hour to put in the necessary equipment. Many a firm has gone to the wall for the lack of statistics which an adding machine vould have helped to turn out in a few days. One section of the book which strikes us as being particularly valuable is the distribution of indirect expenses, which is the bugbear of any one who attempts to analyze accounts.

EFFECTIVE MAGAZINE ADVERTISING. 508
Essays, About 111 Advertisements.
Edited, with an Introduction to the Science of Advertising Copy, by Francis Bellamy. New York: Mit-chell Kennerley, 1909. Large 8vo.; 361 pages. Price, \$5.

A couple of years ago Everybody's Magazine offered a series of prizes, ten in number, of \$25 each, for the ten best essays in answer to the pertinent question, "Which is the most effective advertisement in this November issue of Everybody's Magazine?—and why?" The aim of this offer was to gain information the alarm is put in motion at the instant of wind would be of value to the art of advertising in general, and to the art of magazine advertising copy in particular. people who are influenced by advertising are the only criterions of effective copy. The mere subjective theory on the part of the copyartificer is valueless, unless proved by the effect on the magazine reading public. In other words, the advertisements were "tried other words, the advertisements were "tried on the dog," and the "dog" responded in the 500 essays which are herewith presented, which were in turn selected out of some 950 essays. This book is a clarification of the advertising pages in the issue. The selected advertisements are well printed, and are accompanied by excellent essays written by individuals. It is remarkable to see what a hold advertising has on the American people, and it is little wonder that advertisers continue to spend their millions in periodical publicity when they can see that their efforts are appreciated by such a highly intelligent audience of readers and buyers. The book is a very novel one, and we can heartily commend it to all who are interested in any way in buying or selling advertising space.

> HANDBUCH FUR HEER UND FLOTTE. Kreigswissen-Enzyklopädie der schaften und verwandter Gebiete. Herausgegeben von Georg von Alten, Generalleutnant z. D. Vollständig in 108 Lieferungen reichillustrierten Textes mit farbigen Beilagen, Karten, Plänen, Gefechtsskizzen, etc. Deutsches Verlagshaus Bong & Co., 1909.

> The last four installments of this handbook are primarily distinguished by the insertion of longer essays, which discuss the handling of troops. The essays are to be found under the headings Angriff (attack), Angriff und Verteidigung (attack and defense), and Arméereserve (army reserve). The author of these essays is a military instructor of repute, and evidently an authority. Many authors of note have covered important topics. Count von Beck, an Austrian general of infantry, has prepared an excellent biography of Archduke Albrecht of Austria, and has interestingly traced the career of this officer. The stirring events of 1866 are geria," "Tunis," "Arabia," and "Argentine Republic" ably discuss the military geography and military history of these foreign countries. The importance of the age of men, animals, and warships in their relation to military science is well brought out. Among the novel articles that deserve mention are those on "Amsterdam" "Anchor" "Antwern" Under "Armament" an excellent discussion of the army and of warships will be found.

THE LIFE OF A FOSSIL HUNTER. Charles H. Sternberg. New York: Henry Holt & Co., 1909. 12mo.; 286 pages. Price, \$1.60 net.

This is one of the "American Nature Series." This is a new and attractive series, the first volumes of which have already been published. The author is the oldest and best known of the explorers in the palgeontological field, and he has contributed some of the finest specimens from Kansas, Texas, Oregon, and other places, which adorn the museums of America and

Europe. It is a most interesting biography. bubbling full of adventure and representing a life of self-sacrifice worthy of record and recognition by all lovers of nature. It is handsomely bound and printed.

THE BIOGRAPHY OF A SILVER FOX. Ernest Thompson Seton. With 100 illustrations by the author. New York: The Century Company, 1909.

Although Mr. Thompson Seton has been branded by a faunal naturalist now in foreign ant—be he private or certified—or a business parts as a "nature fakir," it cannot be deengineer to deal with this most important sub- nied that he writes with sincerity and with charm. This little story of "the monogamy of the better class fox," to quote the author's words, may be regarded as a graceful narrative of animal life, the kind of narrative that has made Mr. Seton deservedly famous.

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Inquiry No. 8404. Wanted to buy new or sechand machinery for making "bow type." mouse a rat trapsprings and wire parts, single machine or ioutit.

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Inquiry No. 8908. - For a dealer in tapes and co for Venetian blinds.

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CAPITALIST OR PARTNER WANTED by the veutor of patent leak stopper for ocean ships. To object is to secure capital to pay for foreign pater A grand opportunity. Address O. F., Rox 773, New Yo

Inquiry No. 8918.—For manufacturers of "Wy Electro-Catalytic Sparking Plug."

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MECHANICAL ENGINEER wanted for charge designing and drafting office for large engineer works. Give experience. Address Canada Foun-Company, Ltd., 212 King St. West, Toronto, Canada.

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ENAMEL PREPARATION for certain conditions utilization on steel, iron. Must be as represented. S correspondence and samples prepaid to William Reinick, 1217 Chestnut Street, Philadelphia, Pa.

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WANTED. Customer heavy oak and Southern pshavings. The Wm. J. Oliver Mfg. Co., Knoxville, Te

Inquiry No. 8922.—Wanted the address of Worington Boller Co.

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COMPLETE LISTS of manufacturers in all lines splied at short notice at moderate rates. Small a special lists compiled to order at various prices timates should be obtained in advance. Addr Munn & Co., List Department, Box 773, New York.

Inquiry No. 8928.—For the manufacturers of steam rotary excavator as described in the Scient American of December 12, 1308, page 347.

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A LIST OF 1.500 mining and consulting engineers cards. A very valuable list for circularizing, e Price \$15.00. Address Munn & Co., List Departme Box 773, New York.

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Inquiry No. 8957. — Wanted manufacturers angle bars either malleable steel or sheared.

Inquiry No. 8960. For the address of the Wisor Mig. Co., manufacturers of waterproof collars cuffs.

Inquiry No. 8966.—Wanted the address of Cohendet Motor Co.

Inquiry No. 8969.—Wanted machines that m accordion dress plaiting (steam).

Inquiry No. 8972.—Wanted to buy complete or for making meat hooks.

Inquiry No. 8974.—For address of firms in ested in fishing reels.

Inquiry No. 8975.—Wanted the address of builders of moving stair cases.

Inquiry No. \$977. - For manufacturers of chinery for manufacturing denatured alcohol.

Inquiry No. \$978. - Wanted the address of ma facturers of dry pans or crushers to grind sand plastering and cement works.

plastering and cement works.

Inquiry No. 8980.—For the address of manufaturers of mortars and pestles that are used by druggi:

Inquiry No. 8982.—Wanted a machine or proof or sitting or laminating the edges of heavy ca board, impregnating the silt or laminated edge with waterproof material and compressing the edge aftreatment. The object of the process is to produce edge that shall be waterproof and which shall not for split when in use.

Inquiry No. 8984.—Wanted the address of manufacturers of Cypress wash tubs.

Inquiry No. 8986.—Wanted to buy crown and glasses for telescope objectives.

Inquiry No. 8987.—Wanted, the manufacturer he Van Winkle, Woods & Sons, and the Weber po rne Van metera

Inquiry No. 8989. - Wanted a machine for make Inquiry No. 8990. For information regard shoes not made of leather but similar to the same

Inquiry No. 8991.—Wanted to communicate w nanufacturers of large straw bats for every.day w Inquiry No. 8993.—Wanted to buy producer

Inquiry No. S994.—For manufacturers of an apparatus to produce very bigh temperatures.

Inquiry No. S995.—Wanted to buy round and oval glass paper weights, such as are used for mounting pnotographs.

Inquiry No. 8996.—Wanted addresses of manuacturers of machinery for working orange wood mani-

Cure sticks.

Inquiry No. 8997.—Wanted the address of the manufacturers of bread or cake boxes.

Inquiry No. 8998.—Wanted an automatic snap, ball and socket or other device which can be used easily and securely to fasten together the edges of small wooden boxes.

Inquiry No. 8999.-For manufacturers of combined clothes and clothes pin receptacle.

Inquiry No. 9000.—Wanted, a combined appliance for holding hats, coats and umbrellas safely and

	Scienti	fic	A
ts	Can, C. E. Bertels Can marking device, T. O. Matthews Can opener, safety, F. Behrens Canning apparatus, steam, E. McCoy Cane for exploding caps, C. V. Wertz Cane mills, figured roll for sugar, J. & C. McNeil	926,461 926,271 926,234 926,588 926,307	FI FI FI FI
less ount om-			FI Fo Fr
t on find	Canopy, I. E. Palmer Caps, making vizors for, J. Mackey Car body, J. M. Hopkins	926,209 926,343 926,416	Fu
d in oods and	McNeil Canopy, I. E. Palmer Caps, making vizors for, J. Mackey. Car body, J. M. Hopkins Car construction, Dunbar & Berg. 926,396, Car coupling, C. A. Schroyer Car door operating device, dump, F. L.	926,645 926,295	Fu
bere t is	Car draft and buffing gear, M. A. Garrett. Car fender, Fajans & Chambers	12,981 926,110 926,398 926,446	Fr Ga Ga
the D.	Car running gear mechanism and brake apparatus, tramway, V. Zdziarski	926.534	Ga Ga
	Car seats, extensible leg rest for, H. Witte: Car stake, T. H. MacLafferty. Car switch controller, trolley, S. Uslianer Cars or other vehicles holester for W. H.	926,309 926,203 926,150	G
.190. one. ad-	Miller	926,432 926,116 926,533	G
for	Card electrically operated price. P. L. Dir-	926,598 926,393 926,264	Ga Ga
om- leap	Contaided baring multipart projectiles C	926,264 926,302 926,431 926,489 926,596	G
ond and full	Chaing dish lamp shutter, E. D. Holley	926,487 926,304	GI GI
.u	Churn operating means, C. L. Archie Circuit controller, W. L. Bliss	926,535 926,164 926,681 926,674	Gi
ntal icu- trle,	Cistern, air-tight, B. L. Mills Cistern, siphon discharge flushing, J. W. Walls, Jr. Clast. See Jewelry clast.		GI GI GI
ords	Cistern, siphon discharge flushing, J. W. Walls, Jr	926,130 926,454 926,277	Gı
	Clothes line reel and tightener, R. M. Kneisley Clothes lines, etc., holder for, C. C. Gould.	926,576 926,405 926,141	H: H: H:
e in- The ents.	Clutch, C. Schmidt Clutch, C. W. Hart Cock, stop, J. E. Van Nostran	926,141 926,184 926,627 926,554	H
ork. dt's	Coke oven, W. M. Person	926,285 926,693	H
: 	Concrete construction for floors, walls, ceil-	926,463 926,152	Н
e of ring	Concrete mixers, measuring attachment for,	926,172 926,171	H
	Concrete road beds, apparatus for laying, F. M. Talbot Concrete walls, one side mold for, J. H.	926,443	H
for end	L. W. Cargill Concrete road beds, apparatus for laying, F. M. Talbot Concrete walls, one side mold for, J. H. Magdiel Condenser, electrolyte, I. Moscicki Condenser, steam, E. Koerting Cooker, fruit butter, M. M. Chase Cooking utensil, I. Bauer	926,128 926,128 926,198 926,240	H
	Corn husking machine separator attachment.		H
pine enn	O. Boyer Cotton chopper, W. S. & J. J. Pace. Coupling carry iron, B. P. Flory. Coupling pin, L. Huey Coupling pin lifter, Arthur & Birmingham.		Н
rtb-	Crack filling device A Murrie	926,129 926,367 926,707 926,088	HHH
611D-	Curtain fixture, G. J. Johnson	926,195	H
and Es- lress	Damper and flue ventilator, A. R. Clark Damper, fireplace, D. B. Livesey Damper regulator, thermostat, R. E. Dewey	926,390 926,174 926,266 926,391	Ic Ic
of a tific	Derick, F. Hunt	926,191	Ig In In
ture	Display stand, Jeweler S, Bersemann & Wag	926,656 926,298 926,657	In
i to aper	Distillation, condensation, and rectingation of liquids apparatus for the fractional	926,682 926,216	In In
etc. ent.	Door, grain, W. Jordan	926,136 926,321 926,494 926,356	In Ir
ma. s of	Door lock, sliding, J. A. Benedict Door locking mechanism, emergency exit, A. Carpenter	926,356 926,460 926,545	Ir Je
ind- and	Carpenter Door, sheet metal, N. P. Sjobring. Door stop, Parish & Kendig Doubletree attachment, Alter & Einert. Draft equalizer, J. R. Bouldin Draft rigging. W. S. Miller	926,595 926,379 926,542	Jo Jo K
the	Draft equalizer, J. R. Bouldin Draft rigging, W. S. Miller Draft rigging, W. H. Mussey Dredge, G. H. Johnson Drilling machine, automatc, L. Reichert	926,279 926,351 926,122	K
nake utfit	Drinking fountain for poultry, W. S. Bandy Dust collector, O. M. Morse Egg beater, F. H. Speer	926,538 926,206 926,362	L
ıter-	Draft rigging, W. H. Mussey Dredge, G. H. Johnson Drilling machine, automatc, L. Reichert Drinking fountain for poultry, W. S. Bandy Dust collector, O. M. Morse Egg beater, F. H. Speer Electric brake, F. B. Rae Electric circuit control system, F. W. Clarey Electric conductors, connection terminal for, H. G. Addle Electric furnace, J. Bouneau	926,605 926,243	La La
the ma-	Electric furnace, J. Bouneau	926,236 926,192 926,225	L
anu- for	Electric machine, dynamo, L. J. Hunt Electric machine, dynamo, J. A. Williams. Electric machine, dynamo, R. S. Feicht Electric machine, magneto, E. Troike Electric outlet box, C. J. Dorff	926,368 926,246 926,622	L
fac- rists. cess	Electric switch, pendent, G. B. Thomas Electric switch, pendent, G. B. Thomas Electrical circuit or circuits, device for making an, W. S. Ryan Electrical switch, etc., Morris & Lister Electrolter holder or hanger, J. C. Vogel Electrotherapeutic apparatus, B. Y. Boyd Electrotherapeutic apparatus, B. Y. Boyd	926,680 926,584 926,445	L
ard- th a fter e an	Electrotherapeutic apparatus, B. Y. Boyd Elevated carrier, W. Nummedahl Embossing and printing presses, winding	,	L
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flint to er	ling	926,202 926,607 926,624	L
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Stacker, McCall & Orendorff	926,587 $926,701$
Steamer, wheat, A. A. Brooks	926,465
Storage battery, Stirien & Gardiner	926,649
C. Mott, Jr	926,585
Stove oven-burners, valve-locking device for	926,603
Stoves, automatic regulator for gas, H.	
Junkers	926,194 926,704
Strainer for sinks, bath-tubs, etc., S. E.	
Strainer for sinks, bath-tubs, etc., S. E. Horner Straw-holder, T. S. & A. L. Lewis. Street-sweeping machine, V. F. Pretorius Swill-can, M. Ilaney	926,417 926,581
Street-sweeping machine, V. F. Pretorius	926,709
Switch-locking mechanism sutematic H	926,325
F. Roach	926,211
Switch-locking device, C. C. Johnson	926,570 926,175
Syringe, water-bag, G. E. Kim	926,197
Table and lamp-stand, combined, M. F. &	926,426
Table-tops and cores for veneered work,	020,120
apparatus for assembling and gluing up, O. O. Felts	926,180
Tack-driver, Keith & Danner	926,658
Tanned fabric and making same, artificial,	926,527
Tanned fabric with finish coating and mak-	
ing same, artificial, E. Welnheim	926,525
Tack-driver, Keith & Danner Tanned fabric and making same, artificial, E. Weinheim Tanned fabric with finish coating and making same, artificial, E. Weinheim Telegraph operators, transmitting device for, W. C. Achgill Telegraph-repeater, E. Longaria Telephone-exchanges, toll apparatus for, S. J. Larned. Telephone system. party-line, H. J. Roberts	926,162
Telephone-exchanges foll apparatus for S	926,663
J. Larned	926,199
J. Larned Telephone system, party-line, H. J. Roberts et al	926,510
Tension mechanism, J. A. Groebli	926,250
Thermo-expansion meter, C. D. Babcock Thread-cutters, reamer for A. I. Maxwell	926,536 926,272
Threshing-machine, F. Lytle	926,201
Threshing-machine self-feeder H Heibbe	926,358 926,117
et al. Tension mechanism, J. A. Groebil Thermo-expansion meter, C. D. Babcock. Thread-cutters, reamer for, A. L. Maxwell. Threshing-machine, F. Lytle. Threshing-machine feeders, J. M. Sailer. Threshing-machine self-feeder, H. Heikka. Tide-power device, J. Hall, Jr. Tile-out, W. H. MacGill. Tile, W. T. Nicholls.	926,117 926,408
Tie-out, W. H. MacGill	926,664 926,282
Tile, W. T. Nicholls. Tile-coating machine, F. E. Goldsmith Tilling machine, farm and garden, F. H. Kerr	
Tilling machine, farm and garden, F. H.	926,498
Tire, J. C. Raymond	926,439
Tire case, spare, A. H. Kinder	926,499 926,347
Tire-protector, F. H. Davis	926,104
Tire, resilient, O. L. Leach	926,338
for, W. R. S. Frost	926,695
Toaster, electric, H. E. Bradley	926,695 926,714
Tool. Kahl & Keppler	926.091 926,496
Tool, combination, A. J. Hathcox	926,410
Tov nistal C. V. Wertz	926,123 926,308
Toy tree-holder, E. Barton	926,638
Tilling machine, F. E. Goldsmith Tilling machine, farm and garden, F. H. Kerr Tire, J. C. Raymond. Tire case, spare, A. H. Kinder Tire, pneumatic, M. Marcille. Tire-protector, F. H. Davis Tire, resilient, O. L. Leach Tire tubes or covers. vulcanizing apparatus for, W. R. S. Frost. Toaster, electric, H. E. Bradley. Tobacco-pipe, E. C. Berriman. Tool, Kahl & Keppler. Tool, Kahl & Keppler. Tool, staking, A. S. Koch. Toy pistol, C. V. Wertz. Toy tree-holder, E. Barton. Trace attachment, harness, G. Goldbach. Trace-holder, A. L. Ludwig.	926,249 926,70 6
Traction-wheel, C. T. Bangs	926,313
paratus for indicating the passage of a.	
J. E. Colas	926,098
Trestle, mechanic's adjustable, M. Croner.	
	926,320
Triturating-mill, tubular, R. R. Shafter.	926.320 926.441
Tool, staking, A. S. Koch. Toy pistol, C. V. Wertz. Toy tree-holder, E. Barton Trace attachment, harness, G. Goldbach Trace attachment, harness, G. Goldbach Traction-wheel, C. T. Bangs Train at definite points of a track, apparatus for indicating the passage of a, J. E. Colas Trenching device, E. M. Skinner Trestle, mechanic's adjustable, M. Croner. Triturating-mill, tubular, R. R. Shafter. Trolley-guard, Hons & Martz Trolley-wire hanger, W. H. Kempton.	926.320 926.441 926.565 926.258
Triturating-mill, tubular, R. R. Shafter. Trolley-guard, Hons & Martz. Trolley-wire hauger, W. H. Kempton. Trousers-supporter, A. C. Killius.	926,320 926,441 926,565 926,258 926,259
Triturating-mill, tubular, R. R. Shafter. Trolley-guard, Hons & Martz. Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice.	926.320 926.441 926.565 926.258 926,259 926.567 926,288
Triturating-mill, tubular, R. R. Shafter. Trolley-guard, Hons & Martz. Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard.	926.320 926.441 926 565 926.258 926,259 926.567 926,288 926,288
Triturating-mill, tubular, R. R. Shafter. Trolley-guard, Hons & Martz. Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg.	926.320 926.441 926.565 926.258 926,259 926.567 926,288 926,189 926,394 926,195
Triturating-mill, tubular, R. R. Shafter. Trolley-guard, Hons & Martz. Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg Turbine-engine, C. W. Weiss.	926.320 926.441 926 565 926.258 926,259 926,567 926,288 926,189 926.394 926,195 926,157
Triturating-mill, tubular, R. R. Shafter. Trolley-guard, Hons & Martz Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall.	926.320 926.441 926 565 926.258 926.259 926.567 926,288 926,189 926.394 926,195 926,157 926,157 926,147 926,318
Troiley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson.	926,258 926,259 926,567 926,288 926,189 926,394 926,195 926,157 926,147 926,318 926,149
Troiley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson.	926,258 926,259 926,567 926,288 926,189 926,394 926,195 926,157 926,147 926,318 926,149
Troiley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson.	926,258 926,259 926,567 926,288 926,189 926,394 926,195 926,157 926,147 926,318 926,149
Troiley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson.	926,258 926,259 926,567 926,288 926,189 926,394 926,195 926,157 926,147 926,318 926,149
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism,	926.258 926.259 926.567 926.288 926.189 926.394 926,157 926,147 926,149 926,149
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism,	926.258 926.259 926.567 926.288 926.189 926.394 926,157 926,147 926,149 926,149
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Turn-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism,	926.258 926.259 926.567 926.288 926.189 926.394 926,157 926,147 926,149 926,149
Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice	926,258 926,259 926,567 926,288 926,189 926,195 926,195 926,195 926,147 926,149 926,572 926,716
Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice	926,258 926,259 926,567 926,288 926,189 926,195 926,195 926,195 926,147 926,149 926,572 926,716
Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice	926,258 926,259 926,567 926,288 926,189 926,195 926,195 926,195 926,147 926,149 926,572 926,716
Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice	926,258 926,259 926,567 926,288 926,189 926,195 926,195 926,195 926,147 926,149 926,572 926,716
Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice	926,258 926,259 926,567 926,288 926,189 926,195 926,195 926,195 926,147 926,149 926,572 926,716
Trolley-wire hanger, W. H. Kempton. Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior. Truck, barrel, W. E. Rice	926,258 926,259 926,567 926,288 926,189 926,195 926,195 926,195 926,147 926,149 926,572 926,716
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for compression-tanks, regulator, J.	926,258 926,259 926,259 926,288 926,189 926,394 926,195 926,157 926,17 926,72 926,716 926,572 926,716 926,483 926,483 926,256 926,562 926,608 926,389
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for compression-tanks, regulator, J.	926,258 926,259 926,259 926,288 926,189 926,394 926,195 926,157 926,17 926,72 926,716 926,572 926,716 926,483 926,483 926,256 926,562 926,608 926,389
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for compression-tanks, regulator, J.	926,258 926,259 926,259 926,288 926,189 926,394 926,195 926,157 926,17 926,72 926,716 926,572 926,716 926,483 926,483 926,256 926,562 926,608 926,389
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for compression-tanks, regulator, J.	926,258 926,259 926,259 926,288 926,189 926,394 926,195 926,157 926,17 926,72 926,716 926,572 926,716 926,483 926,483 926,256 926,562 926,608 926,389
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for compression-tanks, regulator, J.	926,258 926,259 926,259 926,288 926,189 926,394 926,195 926,157 926,17 926,72 926,716 926,572 926,716 926,483 926,483 926,256 926,562 926,608 926,389
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk, L. S. Crandall. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine lone-spacing mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Umbrella-rib tip, H. L. Johnston. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Vegtable-separator, N. J. McGoffin.	926,258 926,259 926,567 926,288 926,189 926,195 926,177 926,149 926,149 926,149 926,149 926,572 926,716 926,483 926,256 926,562 926,608 926,331 926,331 926,389 926,389 926,389 926,389
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk, L. S. Crandall. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine lone-spacing mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Umbrella-rib tip, H. L. Johnston. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Vegtable-separator, N. J. McGoffin.	926,258 926,259 926,567 926,288 926,189 926,195 926,177 926,149 926,149 926,149 926,149 926,572 926,716 926,483 926,256 926,562 926,608 926,331 926,331 926,389 926,389 926,389 926,389
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk, L. S. Crandall. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine lone-spacing mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Umbrella-rib tip, H. L. Johnston. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Vegtable-separator, N. J. McGoffin.	926,258 926,259 926,567 926,288 926,189 926,195 926,177 926,149 926,149 926,149 926,149 926,572 926,716 926,483 926,256 926,562 926,608 926,331 926,331 926,389 926,389 926,378
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk, L. S. Crandall. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine lone-spacing mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Umbrella-rib tip, H. L. Johnston. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Vegtable-separator, N. J. McGoffin.	926,258 926,259 926,567 926,288 926,189 926,195 926,177 926,149 926,149 926,149 926,149 926,572 926,716 926,483 926,256 926,562 926,608 926,331 926,331 926,389 926,389 926,378
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk, L. S. Crandall. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine lone-spacing mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Umbrella-rib tip, H. L. Johnston. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Vegtable-separator, N. J. McGoffin.	926,258 926,259 926,567 926,288 926,189 926,195 926,177 926,149 926,149 926,149 926,149 926,572 926,716 926,483 926,256 926,562 926,608 926,331 926,331 926,389 926,389 926,378
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reyulator, J. A. Allison Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Valve-handle, W. P. Marble, reissue. Valve and like tops, side roller-curtain for, R. Nurse. Vehicle attachment, wheeled, F. D. G. Cook Vehicle, motor, L. S. Ross. Vehicle, motor, H. P. Haushalter Vehicle wheel, G. C. Grable Velicle-welle, M. McGowan.	926,258 926,259 926,567 926,288 926,394 926,394 926,197 926,149 926,149 926,126 926,572 926,716 926,483 926,256 926,483 926,256 926,393 926,393 926,393 926,389 926,389 926,389 926,389 926,389 926,483 926,266 926,389 926,389 926,389 926,483 926,281 926,281 926,281 926,589 926,411 926,589 926,411 926,411
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reyulator, J. A. Allison Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Valve-handle, W. P. Marble, reissue. Valve and like tops, side roller-curtain for, R. Nurse. Vehicle attachment, wheeled, F. D. G. Cook Vehicle, motor, L. S. Ross. Vehicle, motor, H. P. Haushalter Vehicle wheel, G. C. Grable Velicle-welle, M. McGowan.	926,258 926,259 926,567 926,288 926,394 926,394 926,197 926,149 926,149 926,126 926,572 926,716 926,483 926,256 926,483 926,256 926,393 926,393 926,393 926,389 926,389 926,389 926,389 926,389 926,483 926,266 926,389 926,389 926,389 926,483 926,281 926,281 926,281 926,589 926,411 926,589 926,411 926,411
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Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, B. M. Des Jardins. Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reyulator, J. A. Allison Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Valve-handle, W. P. Marble, reissue. Valve and like tops, side roller-curtain for, R. Nurse. Vehicle attachment, wheeled, F. D. G. Cook Vehicle, motor, L. S. Ross. Vehicle, motor, H. P. Haushalter Vehicle wheel, G. C. Grable Velicle-welle, M. McGowan.	926,258 926,259 926,567 926,288 926,394 926,394 926,197 926,149 926,149 926,126 926,572 926,716 926,483 926,256 926,483 926,256 926,393 926,393 926,393 926,389 926,389 926,389 926,389 926,389 926,483 926,266 926,389 926,389 926,389 926,483 926,281 926,281 926,281 926,589 926,411 926,589 926,411 926,411
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Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, C. C. Kavle Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine lone-spacing mechanism, B. M. Des Jardins. Typographic composing-machinese equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Umbrella-rib tip, H. L. Johnston. Underreamer, F. W. Ritter, Jr. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Valve bandle, W. P. Marble, reissue. Valve benchanism, control, G. F. Schodde. Vegetable-separator, N. J. McGoffin. Vehicle and like tops, side roller-curtain for, R. R. Nurse. Vehicle, motor, L. S. Ross. Vehicle, motor, L. S.	926,258 926,259 926,567 926,288 926,189 926,195 926,177 926,187 926,157 926,149 926,126 926,572 926,716 926,562 926,256 926,256 926,256 926,256 926,318 926,256 926,256 926,318 926,256 926,318 926,256 926,256 926,318 926,256 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,418 926,418 926,418 926,590 926,637 926,637 926,637 926,637 926,637 926,637 926,637 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639
Troiley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, C. C. Kavle Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine lone-spacing mechanism, B. M. Des Jardins. Typographic composing-machinese equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Umbrella-rib tip, H. L. Johnston. Underreamer, F. W. Ritter, Jr. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for flushing-tanks reversible, A. H. Cannfeld. Valve-handle, W. P. Marble, reissue. Valve bandle, W. P. Marble, reissue. Valve benchanism, control, G. F. Schodde. Vegetable-separator, N. J. McGoffin. Vehicle and like tops, side roller-curtain for, R. R. Nurse. Vehicle, motor, L. S. Ross. Vehicle, motor, L. S.	926,258 926,259 926,567 926,288 926,189 926,195 926,177 926,187 926,157 926,149 926,126 926,572 926,716 926,562 926,256 926,256 926,256 926,256 926,318 926,256 926,256 926,318 926,256 926,318 926,256 926,256 926,318 926,256 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,318 926,418 926,418 926,418 926,590 926,637 926,637 926,637 926,637 926,637 926,637 926,637 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639 926,639
Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for compression-tanks, regulator, J. A. Allison Valve for flushing-tanks reversible, A. H. Canfield. Valve-handle, W. P. Marble, reissue. Valve mechanism, control, G. F. Schodde. Vegetable-separator, N. J. MeGoffin. Vehicle and like tops, side roller-curtain for, R. R. Nurse. Vehicle, motor, L. S. Ross. Vehicle, motor, L.	926,258 926,259 926,567 926,258 926,189 926,195 926,197 926,1157 926,117 926,117 926,118 926,149 926,149 926,148 926,148 926,256 926,562 926,608 926,389 926,389 926,389 926,389 926,389 926,256 926,256 926,256 926,256 926,256 926,389 926,389 926,389 926,389 926,410 926,281 926,261 926,261 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,469 926,389 926,419 926,419 926,419 926,419 926,419 926,419 926,419 926,419 926,419 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440
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Trolley-wire hanger, W. H. Kempton Trousers-supporter, A. C. Killius. Trowel-guard, C. R. Hozior Truck, barrel, W. E. Rice. Truck, railway motor-car, C. H. Howard. Truck side frame, motor-car, E. I. Dodds. Trunk, Kallis & Berg. Turbine-engine, C. W. Weiss. Trunk-table, A. O. Slentz. Type-bar, L. S. Crandall. Type-writing machine, C. E. Tomlinson. Type-writing-machine line-spacing mechanism, E. G. Latta. Type-writing-machine line-spacing mechanism, O. C. Kavle Type-writing-machine-tabulating mechanism, B. M. Des Jardins. Typographic composing-machines equipped with alternate fonts, assembling mechanism of, F. J. Wich. Umbrella attachment, J. M. L. Groby. Umbrella attachment, J. M. L. Groby. Umbrella braces and ribs, hinge for, H. L. Johnston. Underreamer, A. G. Heggem. Underreamer, F. W. Ritter, Jr. Upholstery-pads, machine for manufacturing, E. M. Hulse. Valve, P. J. Freaney. Valve, electrically-operated, G. W. Collin. Valve for compression-tanks, regulator, J. A. Allison Valve for flushing-tanks reversible, A. H. Canfield. Valve-handle, W. P. Marble, reissue. Valve mechanism, control, G. F. Schodde. Vegetable-separator, N. J. MeGoffin. Vehicle and like tops, side roller-curtain for, R. R. Nurse. Vehicle, motor, L. S. Ross. Vehicle, motor, L.	926,258 926,259 926,567 926,258 926,189 926,195 926,197 926,1157 926,117 926,117 926,118 926,149 926,149 926,148 926,148 926,256 926,562 926,608 926,389 926,389 926,389 926,389 926,389 926,256 926,256 926,256 926,256 926,256 926,389 926,389 926,389 926,389 926,410 926,281 926,261 926,261 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,389 926,469 926,389 926,419 926,419 926,419 926,419 926,419 926,419 926,419 926,419 926,419 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440 926,440
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