

RECENTLY PATENTED INVENTIONS.

Machines and Mechanical Devices.

SWINGING MACHINE.—F. J. McDONNELL, New Bedford, Mass. The swinging machine is so constructed as to automatically cause the swinging motion of the carriage during the downward movement thereof, thus particularly adapting the device for use in the care of babies or children, or for older persons when a hammock or the like is used as a carriage.

DOUGH-MOLDING MACHINE.—C. A. THOMSON, Belleville, N. J. This dough-molding machine is more especially designed for forming a lump of dough into a sheet, which is subsequently rolled up into a spiral roll and subjected to a rolling and squeezing pressure to knead or work the dough into proper condition for the pan in which the dough is to be baked into bread of very high quality.

SHUTTLE MECHANISM FOR SEWING MACHINES.—C. T. WARREN, San Antonio, Texas. The shuttle is held clear of the raceway to prevent undue friction and wear therefrom. Provision is also made to arrange the tension on the inner side of the shuttle or side next the raceway.

LATHE ATTACHMENT.—J. D. HEWITT, Brooklyn, N. Y. The object of this invention is to provide a new and improved lathe attachment arranged to permit of using the lathe for sawing wood, soft metal, and the like in such a manner that tongues, grooves, slots, miters, etc., are readily and accurately formed.

Medical Apparatus.

VAGINAL SYRINGE.—C. F. ALLEN, Hueneme, Cal. This syringe may be easily taken apart for cleansing, and is modeled in accordance with the anatomical curve of the vagina. The construction is such as to completely seal the entrance into the vagina, so that the liquid will accumulate in the vaginal cavity and expand it to its fullest capacity. The material may thus be held in contact with diseased portions for any desired length of time and afterward expelled through an especially designed outlet.

Tools and Instruments.

CLIPPER.—R. F. WERK, New Orleans, La. This clipper is designed for cutting the outstanding fibers, hairs, or filaments from cordage of any sort. The tool comprises two knives or sets of knives which are relatively movable in concentric circles, the cord being passed through the center of these circles.

LEVELING INSTRUMENT.—G. H. PRIER, New York, N. Y. This level-finding instrument is of such simple construction that any person, skilled or unskilled, may readily understand and operate the instrument to find level lines in any direction. The device is particularly adapted for the use of builders, contractors, plumbers, and, in fact, all occupations where level lines are to be formed.

Valves.

ROTARY VALVE.—J. E. STAGE, Talbot, Mich. This rotary valve is arranged to reduce the steam pressure on the valve-plug to a minimum and to permit easy turning of the plug. The valve is designed for use in the steam-feed for sawmills, and is constructed to automatically shift the valve-plug and cut off the steam in case of a break in the connection from the valve to the sawyer to bring the sawmill carriage to a stop.

CONTROLLING DEVICE.—T. P. FORD, Hackensack, N. J. This invention relates to dampers and other mechanisms controlled by fluid under pressure. The controlling device is very effective and exceedingly sensitive in operation, thus insuring proper working of the mechanism with which the controlling device is connected.

AUTOMATIC VENT-VALVE.—L. J. WALSH, New York, N. Y. This invention provides a vent-valve for tanks and other receptacles to be filled with liquid, which valve will permit air in the tank to pass out while the liquid is flowing in until the receptacle is filled, when the air-valve will be automatically closed, causing the liquid to back into the supply pipe, and thereby indicating at the source of the liquid supply that the tank has been filled and that the supply should be shut off.

Miscellaneous Inventions.

SELF-CLOSING GATE.—E. H. CARPENTER, Florence, Colo. A cord provided with a weight is secured to the gate and passes through pulley blocks on the gate-post. The pulleys are arranged to conduct the cord around the corner of the post without causing undue wear of the cord or distortion of the gate.

SHOW-CASE.—A. REINLE, Baltimore, Md. Mr. Reinle provides, between the adjoining plates of a show-case, a joint strip which is resilient transversely and forms a cushion spring between the adjoining plates. The joint strip is provided with a wing which overlaps the outer face of the plate, so it can slide along the face in the cushioning operations of the joint strip.

PAINT.—T. L. LEE, Memphis, Tenn. Mr. Lee has invented a cheap and durable paint which consists of three parts, by bulk, distilled coal-tar, one part dead-oil, one part re-

fined benzol, one hundred per cent, one part Chickasaw ocher. If a thicker composition is desired a larger proportion of coal-tar may be used.

FIREARM.—W. F. COLE, Waco, Texas. The invention consists in providing breech-loading guns with guards adjacent to the gate for insuring insertion of a cartridge in the latter—that is to say, the presentation of ball-cartridge to the breech in such due position as to avoid jamming the projectile in the bore.

COFFEE-FILTER.—A. F. SHRIVER, Arbutle, Cal. This device provides a means for holding and filtering coffee while boiling or steeping. The filter may be readily inserted or removed from the coffee pot by means of which the grounds may be lifted out of the liquid, thus avoiding the impairing of the flavor.

LINOTYPE-GALLEY.—F. E. MILHOLLAND, Brooklyn, N. Y. This improved galley will conveniently hold any amount of linotype matter up to its full capacity without the aid of quoins, side sticks or blocks, and is so constructed that whenever desired the linotype bars may be readily removed in whole or in part from the galley.

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 the invention, and date of this paper.

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Inquiry No. 2828.—For dealers in patent gasoline self-heating smoothing irons.
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Inquiry No. 2829.—For a motor spring for running a sewing machine.

Machine Work of every description. Jobbing and repairing. The Garvin Machine Co., 149 Varick, cor. Spring Sts., N. Y.

Inquiry No. 2830.—For dealers in regularly cut figures, such as soldiers, medals, etc., 1/2 inches high, on a small, thin base, so as to stand erect.

Manufacturers of patent articles, dies, stamping tools, light machinery. Quadriga Manufacturing Company, 18 South Canal Street, Chicago.

Inquiry No. 2831.—For dealers in machines for making photo buttons.

Patents developed and manufactured. dies, special tools, metal stamping and screw machine work. Metal Novelty Works Co., 43-47 S. Canal St., Chicago.

Inquiry No. 2832.—For the address of the Ludovici Tile Co.

The celebrated "Hornsby-Akroyd" Patent Safety Oil Engine is built by the De La Vergne Refrigerating Machine Company. Foot of East 138th Street, New York.

Inquiry No. 2833.—For parties to make a 6 h. p. compressed air engine.

IDEAS DEVELOPED.—Designing, draughting machine work for inventors and others. Charles E. Hadley, 584 Hudson Street, New York.

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Inquiry No. 2840.—For makers of small draw fans

Inquiry No. 2841.—For makers of turbine engines of very small pattern.

Inquiry No. 2842.—For machinery for manufacturing flour from bananas.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending

June 24, 1902,

AND EACH BEARING THAT DATE.

[See note at end of list about copies of these patents.]

Adding machine, E. Wiswall.....	703,330
Advertising device, Washington & Standford	703,102
Air cooling and agitating apparatus, E. F. Porter.....	702,994
Alloy, W. Pruszkowski.....	702,996
Animal-dipping apparatus, W. H. Tuck.....	703,104
Bale tie, G. M. Dewey.....	702,920
Ball, R. K. Gray.....	702,942
Barrel cleaning machine, G. Schock.....	703,051
Barrel closure, W. W. Sly.....	703,313
Barrel machine, double stave veneer, W. J. Ott.....	703,079
Bed, sofa, H. C. Jones.....	702,959
Bedstead joint, C. A. Blakely.....	703,333
Bell, P. C. Arnold.....	703,332
Bell, electric, A. F. Spencer.....	703,091
Bell for cycles, etc., C. Ford.....	703,053
Bench clamp, V. F. Simola.....	703,312
Beverage cooling or heating apparatus, C. Bocker.....	702,915
Bicycle, E. W. Lymburner.....	702,976
Bicycle, P. Peacor.....	702,992
Bicycle, Howe & Fernand.....	703,129
Bicycle pump, D. B. Smith.....	703,010
Bicycle repair spoke, F. A. Wilske.....	703,023
Bicycle stand, L. H. Knoche.....	703,250
Bird cage, M. Pitts.....	702,993
Boiler cleaner, mechanical, P. F. Gibbons.....	702,939
Boiler cover plate, C. L. Huston.....	703,268
Book, note, A. L. Holton.....	703,259
Bottle capping machine, O. Heyman.....	703,203
Bottle stopper and fitting, Myer & Naylor.....	703,291
Bottle stopper attachment, H. A. Clark.....	703,113
Box, G. S. Madaney.....	702,997
Box and cover, T. Abraham.....	702,904
Brake apparatus, automatic fluid pressure, M. Corrington.....	702,926
Brake operating device, M. O. Wicks.....	703,106
Broom handle drying and polishing apparatus, C. A. Ridlon.....	703,217
Brush, A. Steiert.....	703,093
Brush and mop holder, combined scrub, J. S. Randolph.....	702,998
Buckets, means for dumping or discharging materials from, H. A. Barry.....	702,912
Buckle, tongue, N. C. Hanson.....	703,255
Button, dy, N. M. Marshall.....	703,073
Cable system of transportation, elevated, T. Alexander.....	703,222
Caisson for cleaning ships' sides and bottoms, floatable, R. Kaucher.....	702,965
Calendar, F. M. Nace.....	702,988
Camera and focusing finder therefor, U. Nebbing.....	703,294
Cans, pails, etc., machine for manufacturing, ing ball eared, J. G. Hodgson.....	703,205
Cane loader, H. S. Padgett.....	703,298
Car, coal and grain, S. Kellogg.....	703,276
Car coupling, Jones & Webb.....	702,963
Car coupling attachment, T. Harrison.....	703,256
Car fender, W. Bonham.....	703,040
Car mover, J. W. Dear.....	703,337
Car, railway, F. Kempe.....	703,069
Car wheel, plate metal, H. F. Mann.....	703,143
Cars, roller side bearing for railway, McMunn & Woods.....	703,148
Carnation supporter, W. W. Thomas.....	703,019
Carton machine, W. G. Chapin.....	703,184
Cash register, I. S. Dement.....	703,188
Cash register, R. W. Hudson.....	703,263
Casting, F. Baldt, Sr.....	703,171
Casting machine, strip metal, C. C. Webster.....	703,358
Cattle probe, A. Nesch.....	703,290
Caustic, producing, H. K. Moore.....	703,289
Chains, casting, F. Baldt, Sr.....	703,170
Chair, H. P. Blackard.....	703,227
Chair support, F. A. Mullikan.....	702,983
Churn, J. W. Powell.....	702,995
Cigar machine, T. E. Carpenter.....	703,179
Cigar piercer, E. Todd, Jr.....	703,162
Cigar storage case, J. S. Conwell.....	703,114
Cigar trimming and marking machine, Waldmann & Kaiser.....	703,026
Circuit controller, E. W. Vogel.....	703,022
Clevis, W. M. Griswold.....	703,060
Clock frame, W. H. Stevens.....	703,354
Clock pendulum, D. W. Thompson.....	703,020
Cloth cutting machine, J. R. Baird.....	703,036
Clothes line, E. Imhof.....	702,952
Clothes wringer, C. P. Searies.....	703,069
Coal separator, W. J. Hamilton.....	703,054
Coin controller, apparatus, A. W. Hayes.....	703,062
Coin delivery machine, E. J. Brandt.....	703,174
Collar fastener, N. G. Deaton.....	703,046
Compass and great circle course projector, stellar, R. T. Lawless.....	703,139
Composition of matter, T. O. Pause.....	703,151
Conveyer, A. M. Acklin.....	702,905
Conveyer, light, A. M. Acklin.....	702,906
Cooking foods for poultry, game, etc., by steam, apparatus for, G. J. Hutchings.....	703,269
Cooler, H. H. Buffum.....	703,177
Corer and cutter, fruit, W. T. Acree.....	703,331
Corset busk, C. F. de Grasse.....	703,191
Counting apparatus, R. W. Jones.....	703,275
Crate, banana, J. A. Davidson.....	703,336
Cultivator, E. H. Bonebrake.....	703,030
Current motor, W. L. Walter.....	703,355
Curtain pole or rod, E. C. Phillips.....	703,214
Cushion stuffing device, E. E. Berry.....	703,038
Cutter head, C. Johnson, Jr.....	703,272
Damping apparatus, G. Staber.....	703,092
Dental cur, F. F. Hawkins.....	703,063
Disinfecting fluids, device for automatically distributing, F. A. Martin.....	703,287
Dough working and shaping machine, W. S. & C. L. Coloy.....	703,110
Dovetailing machine, J. & B. Sagar.....	703,122
Draft rigging, W. H. Cox.....	703,118
Draw gear and buffing apparatus, P. Hien.....	702,946
Drier for paper, cloth, etc., C. H. Crowell.....	703,044
Dropper. See Medicine dropper.	
Dumping apparatus, B. Kelly.....	703,277
Dust collector, P. Eberwein.....	703,124
Dyeing and making same, blue wool, A. Weinberg.....	703,105
Dyeing, G. De Kerkelaer.....	703,122
Egg separator, C. Biernbaum.....	703,111
Electric controller, J. W. Brown, Jr.....	703,234
Electric controller, E. C. Fellows.....	703,340
Electric meter, T. A. Edison.....	703,051
Electric meter, Troc & Blanchet.....	703,176
Electric motor, J. H. Mason.....	703,144
Electric motor control, Merrick & Stull.....	702,981
Electric time switch, E. H. Wright.....	703,033
Electric time switch, C. F. Heath.....	703,128
Electrical flush switch, W. J. Newton.....	702,989
Electrical machines and plants, protecting apparatus for, P. Rutherford.....	703,153
Elevator, M. Hanford.....	703,127
Elevator cars, regulator for controlling the descent of, A. Gallinant.....	703,246
Engine starting mechanism, gas, F. A. L. Sneekner.....	703,157
Envelope, W. H. Haworth.....	702,945
Exhaust condenser, G. A. Hunt.....	703,067
Feeding mechanism, boiler, R. H. White.....	703,220
Fence, T. Rodecker.....	703,305
Firearm, repeating, W. W. Humphreys.....	703,266
Fire door apparatus, thermostatic, J. T. McCabe.....	703,347
Fire escape, Christ & Haldeman.....	703,236
Fireplace and chimney, portable, E. S. Richards.....	702,999
Fishing net, similar, A. Johnson.....	702,955
Fishing reel, L. Atwood.....	703,222
Fleshing machine, W. E. Lombard.....	703,285
Floor, B. A. Stevens.....	703,159
Floor arches, center construction for, G. B. Waite.....	703,025
Fly trap, W. J. Purvis.....	703,303
Folding chair, W. E. Nivison.....	703,077
Food and making same, malted cereal, J. K. Lipper.....	703,209
Foot, artificial, M. Smith.....	703,156

(Continued on page 13)

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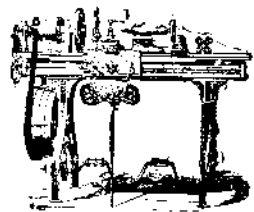
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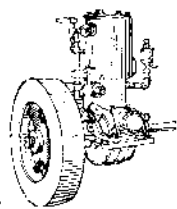


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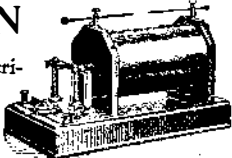
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Furnaces, cover mechanism for pit, F. H. Treat	703,322
Gage, A. Rusbach	703,086
Garbage can, J. M. Hutton	703,257
Garbage, treating, R. B. Newport	703,295
Games, propelling spring for target, Austin & Crow	702,910
Garment closure, C. E. Howd	702,949
Garment folding device, J. M. Beiermeister	703,110
Garment hanger for wardrobes, etc., P. Steiger	703,094
Garment book and fastener, J. H. & I. Taylor	703,161
Garment supporter, J. H. Pilkington	703,152
Garment supporter, A. P. & E. S. Richardson	703,300
Garment supporter, C. S. Nonnemacher	703,349
Gas burner, incandescent, A. A. Pratt	703,350
Gas burner lighting attachment, E. W. Cornell	703,083
Gas lights, substance and mantle for incandescent, L. Hicks	703,064
Gas machine weight motor, W. D. Luce	703,071
Gas main stopper, J. Franklin	702,937
Gate, O. B. Jacobs	703,130
Gear, changeable speed and reversing, T. A. Hicks	702,930
Gear transmission, J. Suchy	703,318
Gearing, belt, rope, or chain, E. H. Hodgkinson	702,948
Gearing, variable speed friction, E. P. Cowles	703,237
Gelatin yieldable liquids, obtaining, E. R. Edson	703,240
Glass blowing machine, O. E. Walton	703,325
Golf ball, F. H. Richards	703,000
Golf ball, C. Davis	703,239
Grain of seed, apparatus for sampling, J. J. Brown	703,233
Grinding machine, M. W. Neuen	703,212
Grinding machine, ball, E. G. Hoffman	703,065
Gum distributor, J. S. Byrd	702,921
Hand protector, D. F. Morgan	703,211
Harvester, grain binding, W. N. Whitely	703,328
Hay rack lifter, W. J. Frank	703,054
Heat distributing mains, covering for, W. H. Pearce	702,991
Hemoglobinometer, T. W. Tallqvist	703,319
Hoe, weeding, C. Barreille	703,310
Hoist, C. Petty	703,299
Hoist, pneumatic, G. E. Martin	702,979
Hoisting device, E. F. Atherton	702,908
Horseshoe, J. Dillon	703,123
Hose coupling, G. H. Caugherty	703,182
Hot air furnace, F. Schrader	703,006
Hot air furnace, E. L. Heald	703,195
Hot air register, side wall, G. Auer (reissue)	12,004
Ice, manufacturing, Smith	703,314
Ice manufacturing apparatus, S. N. Smith	703,315
Identification tag, C. Scott	703,353
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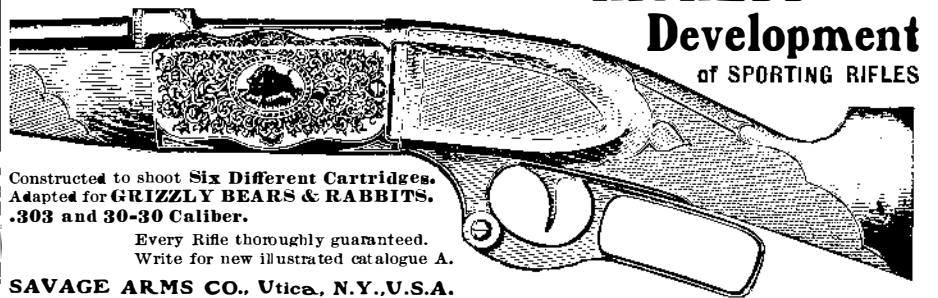
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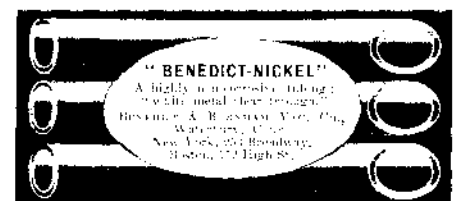
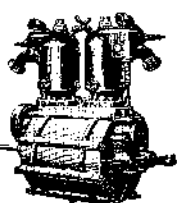
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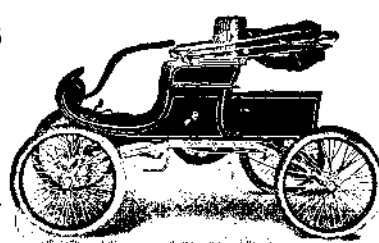
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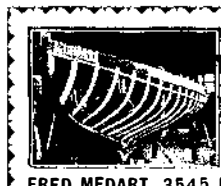
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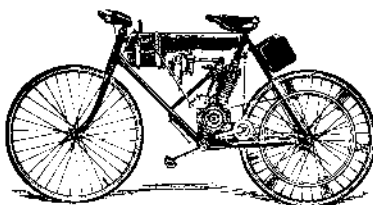
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