

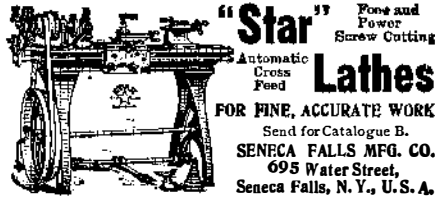
Business and Personal Wants.

READ THIS COLUMN CAREFULLY.—You will find inquiries for certain classes of articles numbered in consecutive order. If you manufacture these goods write us at once and we will send you the name and address of the party desiring the information. In every case it is necessary to give the number of the inquiry.

For hoisting engines. J. S. Mundy, Newark, N. J. Inquiry No. 8250.—For manufacturers of ice-making machinery. "U. S." Metal Polish. Indianapolis. Samples free. Inquiry No. 8251.—For manufacturers of wood fiber and wood fiber products. Handle & Spoke Mch. Ober Mfg. Co., 10 Bell St., Chazrin Falls, O. Inquiry No. 8252.—For manufacturers of charcoal burners for making charcoal out of refuse wood; also for makers of stump pullers. Sawmill machinery and outfits manufactured by the Lane Mfg. Co., Box 13, Montpelier, Vt. Inquiry No. 8253.—For manufacturers of machinery for making pins for insulators on telephone and telegraph poles; also manufacturers of stationary and portable boilers and engines. I sell patents. To buy, or having one to sell, write Chas. A. Scott, 719 Mutual Life Building, Buffalo, N. Y. Inquiry No. 8254.—For manufacturers of electrical counter that will work on seven connections, and must count consecutive whether there is a current in one connection at a time, two, three or these seven at the same time. Metal Novelty Works Co., manufacturers of all kinds of light Metal Goods, Dies and Metal Stampings our Specialty. 43-47 S. Canal Street, Chicago. Inquiry No. 8255.—For manufacturers of pressed zinc jar covers. The celebrated "Hornsby-Akroyd" safety oil engine. Koerting gas engine and producer. Ice machines. Built by De La Vergne Mch. Co., Ft. E. 138th St., N. Y. C. Inquiry No. 8256.—For manufacturers of Edison's patent electric rat trap. Manufacturers of patent articles, dies, metal stamping, screw machine work, hardware specialties, machinery tools, and wood fiber products. Quadriga Manufacturing Company, 18 South Canal St., Chicago. Inquiry No. 8257.—For manufacturers of relief copying machine; also address of firm selling Dearick-Wyon relief copying machines. Automobile experts are in constant demand at high salaries. Our seven weeks' course is the most thorough and practical, fitting men to drive, handle and repair Day and evening classes. Special course for owners New York School of Automobile Engineers, 146 West 56th Street, New York.

RECENTLY PATENTED INVENTIONS.

Of General Interest. PEN HOLDING AND RELEASING DEVICE.—J. O. DODGE and H. E. DODGE, Williams, Ariz. Ter. This invention has reference to improvements in penholders, and has for its object the production of a penholder in which the pen can be quickly removed from the holder when desired without soiling the fingers, as is common to the ordinary penholder. FLUE-STOPPER.—A. PICHE, Sault Ste. Marie, Mich. In the present patent the invention has reference to means for closing stovepipe and other similar holes leading into smoke flues or chimneys and has for its object a novel, improved, and simplified device of the character stated commonly known as "flue-stoppers." CATAMENIAL SACK.—CARRIE M. GREENWALD, New York, N. Y. This sack is economic, pliable, and well adapted for its purpose. The body is so constructed that the pad may be quickly, smoothly, and conveniently placed therein and as readily removed from the body and the pads are so constructed that they can be lengthened and shortened as desired. The invention further provides flat and durable terminals for the body for attachment to a belt or other form of supporter. The pads can be readily removed, and the device is sanitary. ANVIL ATTACHMENT.—O. F. HEER and J. GAMBER, Washington, Pa. Horseshoes are ordinarily blocked out at a factory, and when received by the blacksmith the blanks are without toe and heel calks or clips. The principal object of the inventors is to aid in the necessary operations in preparing the blank before it is put upon the foot and to conveniently associate with each other in an attachment to be applied to anvils means for performing the several operations necessary in preparing shoes for application to horses. STOVE-HOOD.—J. G. NICHOL and C. H. CARLSON, Iron Mountain, Mich. In the present patent the invention has reference to means for arresting steam, gases, and fumes arising from cooking and other stoves and deflect the same through a suitable opening into the stove-uptake to be carried away with the smoke and combustion-gases from the stove. Household Utilities. HANGER.—I. STANLEY, Lovington, Ill. Mr. Stanley's invention relates to window curtains and shades; and his object is to provide a new and improved hanger more especially designed for supporting the curtain-rod and the window-shade and arranged for convenient and secure attachment to the window frame. The brackets are very simple and durable in construction, can be cheaply manufactured and readily applied to the window-frame to support both a curtain-pole and a window-shade. BED-BOTTOM.—G. BEZANGER and J. A. STEWART, Halifax, Nova Scotia, Canada. One of the principal objects of the invention is to provide a bed-bottom embodying all the characteristics or qualities of a mattress and which is capable of being rendered practically self-conforming to the lines and curves of the



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ELECTRO MOTOR, SIMPLE, HOW TO MAKE.—By G. M. Hopkins. Description of a small electric motor devised and constructed with a view to assisting amateurs to make a motor which might be driven with advantage by a current derived from a battery, and which would have sufficient power to operate a foot lathe or any machine requiring not over one man power.

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body of a person recumbent in any position—that is to say, the lines and curves of those portions brought into direct contact with the supporting-surface of the structure.

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.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending July 17, 1906.

AND EACH BEARING THAT DATE (See note at end of list about copies of these patents.)

Table listing inventions with patent numbers and names of inventors. Includes items like Acid and making same, alizarin sulfo, M. Jijinsky; Addressing machine, C. Owens; Aerial tramway, W. C. Lawson; Air brake system, D. Felton; Animal breaking apparatus, L. Hoover; Anvil, J. H. Green; Ash pit, S. T. McKnight; Assembling apparatus, N. Marshall; Automatic switch, G. Schmitz; Ax poll, G. A. Benton; Back band loop, combination, J. Cramer; Baking tray, flexible, V. M. Braschi; Barrel scrubber roller, G. Tilgner; Bathing apparatus, H. Hoeglauer; Baths, device for generating waves in, H. Hoeglauer; Battery, W. B. Murray; Battery, plate or electrode, storage, A. E. Knight; Beam, J. N. Loveley; Bean support, A. W. Chisholm; Bearing box, A. Winkler; Bearing for fast rotating shafts, box, C. L. Holm; Bed clamp, A. T. Sawyer; Billiard and pool table, convertible, P. M. Cunningham; Binder, loose leaf, C. Johnson; Block, See Building block; Block molder machine, plastic, T. F. Timby; Block molder machine, sidewalk, A. P. Melton; Boat, N. Gilbert; Boiler cleaner, J. Hutchison; Boiler pedestal, Hedges & Miller; Bond, Bradt & Willis; Book cover and binder, loose-leaf note, W. A. Wirt; Book trimmer, S. K. White; Boot and shoe varnishing machine, E. G. Ericson; Borneol, making, A. Hesse; Bottle, E. J. Miller; Bottle cap, reshaping machine, G. G. Glenn; Bottle closure, Dilks & Park; Bottle, non-refillable, M. Axelrood; Bottle, non-refillable, A. Person; Bottle or jar closure, C. D. Burton; Bottles, jars, and the like, closure for, R. E. King; Box, E. Truxall; Box and bed device, combination, A. Atkinson; Bracelet, G. H. Chandler; Brick machine, C. E. Poston; Brick molder machine, A. P. Melton; Brick press, F. Mueller; Briquet machine, R. Morgeneier; Briquets, manufacturing, E. Wurl; Briquets, oven for the manufacture of ovoid or other shape smokeless, L. de Gournay; Broom, F. W. Pendergast; Broom and brush cutter, G. H. Pallay; Brush, F. Kleinsorgen; Brush, W. H. Dennin; Brush device, reciprocating, H. L. Rambeau; Brushes, making, H. M. Schwartz; Buckle, C. P. Nutter; Building block and wall constructed thereof, A. Thomas; Building block mold, J. M. Bolton; Buoy, automatically inflatable, E. S. Magnin; Burners, mantle support for, C. T. Fuller; Burners, regulation of liquid fuel, T. Clark; Butter separator, A. Fay; Cable support, D. E. Sanders; Can closure, R. S. Allyn; Candy machine cylinder, J. Smith; Cane mills, hydraulic apparatus for, J. C. Searle; Cannon for acrobatic performances, A. J. Crosse; Cap fitting, W. C. Truex; Car coupling, J. B. Sherman; Car coupling, A. Gapinski; Car grain door, railway, J. Greevy; Car rails, embedding for street, F. Melan; Car stake, lay down, L. von Dabrowski; Carbon holder and separator, G. W. Doning; Carpets, rugs, and such like, machinery for cleaning or renovating, J. M. Collins; Casting brass or other copper alloys into metallic molds, J. E. Fowler; Cattle guard, folding, W. R. Holcomb; Cellulose acetate, making, A. Corti; Cellulose and its manufacture, product obtained from, M. G. Olivier; Cement, elastic, C. C. May; Check protector, S. I. Atwater; Chimney cowl, Miller & Storck; Chuck actuating mechanism, B. M. W. Hanson; Cigar bunch structures for producing, O. Hammerstein; Circuit breaker, E. M. Hewlett; Cistern, A. P. Eichhorn; Clamp, See Bed clamp; Clay retort and brick, fire, E. C. Hegeler; Cluster socket, J. H. Dale; Clutch and wiring system, combined safety, H. A. Williams; Coal slack leveling and tamping appliance, W. J. Murray; Coating machine, J. B. Morrow; Coffin handle, F. I. Hoeffe; Coin handling machine, J. M. McGlary; Collar, horse, M. E. Hamilton; Collector, B. H. Bedell; Column, F. P. Angell; Combination gage, J. D. Cann; Concrete beams or other concrete structures, metal reinforcement for, J. Snowball; Concrete slabs or blocks and apparatus therefor, method of making, W. R. Stanton; Conduit outlet box, Frantzen & Rattenbury; Conduit receptacle, F. T. Wheeler; Confectionary machine, H. Schaperjahn; Container, F. L. Impey; Controller, regulator, C. N. Butler; Controller regulator, J. P. Durkin; Conveyor, J. B. Scovell; Conveyor, belt, R. M. Catlin; Cooker, electric, G. J. Schneider; Coop, shipping, H. B. & T. B. Fry; Copper and nickel matte, treating, J. A. Gilman.

Continuation of the patent index table from the previous block, listing inventions like Cora topping tool, F. W. Gordon; Corset, W. F. Brooks; Crack cutting tool, L. Newman; Cradle and chair, combination, J. Schmersahl; Crane, overhead traveling, C. L. Taylor; Crate and other receptacle, W. W. Davis; Cream separator, centrifugal, B. Fleming; Crushing rolls, W. G. Bryant; Cultivator, J. W. Elliott; Cultivator, rolling disk, H. B. Furr; Currycomb, R. W. Shaw; Curtain fixture, H. H. Forsyth; Curtain fixture, A. M. Levelsberger; Curtain fixture, Smith & Hayward; Curtain fixture, E. E. Whitmore; Curtain fixture, H. H. Forsyth; Curtain holder, O. Tessmann; Curtain stretcher, H. E. Southworth; Curtain supporter, E. D. Lewis; Cutter head, E. S. & G. S. Shimer; Dental engine, A. W. Browne; Dental measuring tool, Dusseau & Kirk; Distilling and preserving apparatus, wood, G. S. Givins; Distilling of the oil from oil-coated fines, E. B. Kirby; Ditching machine, V. L. Grabel; Door, automatic, D. Schuyler; Door closer and check, C. H. Stempel; Door, gram, J. W. Hawn; Door opening and closing device, automatic, C. Gamache; Dough mixer, W. S. Strouwer; Draft equalizer, T. R. Barnes; Draft equalizer, J. Powers; Draft rigging, C. A. Tower; Dredges and the like, lower tumbler for, S. L. G. Knox; Drying machine, J. L. Hellyer; Drying rack, A. S. Walley; Dust bin cover locking device, H. Freise; Dust removing apparatus, D. T. Kenney; Dye, ortho-oxazo, Schirmacher & Schmidt; Dye, ortho-oxazo, Schmiat & Schirmacher; Dye, ortho oxymonoazo, Schirmacher & Schmiat; Dye, ortho oxymonoazo, Schmiat & Schirmacher; Electric metering system, W. H. Pratt; Electric time switch, C. E. Harthan; Electric transportation system, aerial, G. G. Schroeder; Electric wire cleat, C. C. Blake; Electrical connection, C. W. Svenson; Electrical distribution system, self-regulating, Hubbard & Lyndon; Electrical machines, brush holder for, C. B. Mills; Electromagnet, W. W. Brown; Electrotypes, etc., rack for, R. D. Wilson; Elevating means, Henry & Camp; Elevator cage, automatic dumping, W. J. Newman; Engine, See Dental engine; Engine electric sparking igniter, explosive, L. A. Smith; Engine spark igniter retarding device, gas, T. B. Jeffery; Engine with revolving cylinders, E. Urban; Engines, automatic cut off for reversible, G. L. Fiburn; Engines and conductors, device for delivering messages to, W. H. Diener; Escapement mechanism, G. W. Donning; Excavating machinery, W. Ferris; Exhibiting machine, card, W. B. & B. L. Coats; Exhibitor, merchandise, O. Jaeger; Explosive, chlorated, L. Thomas; Explosive engine, W. W. Henderson; Eye, artificial, E. Muller; Eyeglass spring and attachment, W. D. Fenimore; Fascine continuities, J. Whittier; Fence machine, wire, H. J. Gardner; Fence stretcher, wire, W. E. Hobart; Fence tie, W. W. Gunn; Fence, wire, W. S. Mahaffy; File, letter, C. A. Grunewald; File, periodical, W. E. Bailey; Filter, water, C. F. Huber; Filtering plant, G. Obert; Finely divided material, separating, F. E. Elmore; Fire escape, J. Weng; Fire escape, joint removable stretcher, transportable, J. A. Van Eesbeek; Fire extinguishing apparatus, C. E. Buell; Fire extinguishing apparatus, chemical, J. T. Obenchain; Fire extinguishing system, C. H. Godfrey; Flanging die, plate, R. J. Webster; Flue cutter, Mitchell & Broadfoot; Fluid distributing apparatus, A. Keller; Fluid pressure brake, Turner & Lewis; Fluid pressure governor, G. Macloskie; Flushing tank, W. A. Williams; Fooder cutter, J. K. Wilder; Food, apparatus for producing and preparing certain articles of, V. M. Braschi; Food compound, N. Lattara; Food products and making the same, vegetable and other, J. E. Bloom; Foundation, L. G. Hallberg; Fruit assorting apparatus, M. F. Witt; Fruit jar, T. C. Thomas; Furnace, W. N. Cox; Furnaces, regulating, E. McLean; Gage, J. Wallbillich; Gage, W. J. Lang; Game device, S. Bristow; Garment fitting stand, G. H. Scully; Garment supporter, J. H. Minter; Gas arier, acetylene, W. H. White; Gas engine condenser, L. J. Monahan; Gas generator, A. v. Kerpely; Gas, manufacturing, J. J. Johnston; Gas manufacturing apparatus, J. J. Johnston; Gas mixtures, controlling means for combustible, H. A. Croxton; Gasket and its manufacture, hermetic closure, W. H. Honiss; Gasoline measuring tank, safety, C. Saunders; Gate, Bromley & West; Gate, R. W. Dean; Gear, friction draft, G. I. King; Gear, power transmission, C. E. Steere; Gear, speed changing, W. L. Clouse; Gear, transmission, W. L. Buck; Gear wheel, sectional, F. Gayer; Gear wheel, segmental, E. L. Troup; Gearing, power transmission, H. O. Fletcher; Gin feed governor, T. A. Andrews; Glass and for feeding them furnaces, device for mixing ingredients for making, H. M. Brookfield; Glass mold, A. G. Neville; Glass roof, J. Degenhardt; Golf club, F. C. Hersey; Grease cup, C. W. Leonard; Grinding mill driver, J. L. Brown et al.; Hair collector, pneumatic, J. W. Deckert; Hammer, forging, P. R. Peiseler; Hammers, means for fastening the heads of tail, D. J. Kunkler; Handkerchief, H. Sternberger; Handle, See Coffin handle; Harness loop die, J. M. Ortlieb; Harrow, J. A. Coutts; Hasp lock, C. G. Shepherd; Hat brim ironing machine, McGill & Crowell; Hay carrier, H. L. Ferris; Hay handling mechanism, M. H. Maesen; Heat, device for effecting the radiation of, S. W. Zent; Heat multiplying apparatus, U. S. Alz; Heel, boot or shoe, J. R. Hapenthal; Heel or pad for boots or shoes, air cushioning, E. N. Haas; Heels of boots and shoes, detachable top piece for the, Harrison & Southall; Hemp brake, T. G. Bonta; Hinge, E. Hippolito; Hinge, invisible, J. Soss; Hoisting engine, C. A. Frazier; Holding the head too low in reading and writing, device for preventing, E. Fichtler.