

RECENTLY PATENTED INVENTIONS.

Of General Interest.

SWIVEL AND EXTENSION CONNECTION FOR SUCTION-PIPES OR HYDRAULIC DREDGES.—J. W. SACKETT, Jacksonville, Fla. This connection is to take the place of the ordinary suction hose and the ball and socket joint now used, and arranged to permit the drag to readily accommodate itself to irregularities in the bottom of the water-way to be dredged, and to change its relative position with respect to the dredge as the demands of the practical work require, and without causing any undue stresses on the suction pipe or the hull of the dredge.

HEAD-REST.—E. C. LEAHY, Sydney, Nova Scotia, Canada. When used in connection with reclining chairs the invention consists of a head-block supported on a universal joint and having head-supports, with means for locking the joint and supports in adjustable positions; and as a pillow, the same general construction is employed, and is supported on the top of a casing vertically adjustable relatively to the casing body. It is for use by barbers, parlor-cars, dentists, etc., and as a pillow for campers, patients, etc.

HOLDER FOR ABSORBENT COTTON.—W. J. DURANT, Spencer, Iowa. The invention relates to a holder adapted to receive a roll of cotton, and which is adapted to enable the cotton to be withdrawn as desired, while at the same time it is fully protected from dust and dirt. It is especially useful in the offices of surgeons and pharmacists, and in dispensaries and hospitals.

NON-REFILLABLE BOTTLE.—J. BURNSTEIN, St. John's, Newfoundland. The object here is to provide a bottle arranged to effectively close the bottle when not in use, to allow convenient pouring of the contents of the bottle into a glass or other receptacle, and to prevent unauthorized persons from refilling the bottle with spurious goods.

PAVING-BLOCK.—D. ATHERTON, Philipsburg, Pa. The aim in this case is to provide a block, of which a series can be conveniently assembled to interlock with each other and to form transverse interlocking courses or rows, with a view to prevent transverse shifting of the blocks in the roadway even if the roadway is without curbs.

COLORATION PROCESS.—E. D. AVIS, JR., Wallace, W. Va. In the present patent the invention has reference to coloration process, the inventor's more particular purpose being the provision of a simple and inexpensive method of producing iridescent tints and colorations upon glass or upon opaque surfaces requiring comparatively little preparation.

Hardware.

ICE-SHAVER.—A. M. PRESTON, Broxton, Ga. The invention consists of a body formed to receive the shaved ice, and carrying a shaving blade and a movable member constituting a lid for the body and operable to force the shaved ice from the body, the latter having preferably a plurality of compartments which are simultaneously filled with the ice.

SHOE-POLISHER.—F. VAUGHN, San Francisco, Cal. The invention relates particularly to that type of polishers adapted to hold and inclose the polishing fabric. An object is to provide a device which will hold the fabric tightly, and the stronger the pull on the fabric the tighter will the device grip it.

Heating and Lighting.

GAS-IGNITING DEVICE.—W. GRIK, Schöenberg, near Berlin, Germany. The device consists of an igniter proper, such as a platinum pile, an electric spark former or an incandescent wire, which is carried directly or through the agency of suitable parts by a compensation rod, so that, after the gas is ignited, the said rod is bent by the heat and moves the igniter out of the zone of hot gases.

Household Utilities.

REFRIGERATOR.—O. M. CAMPBELL, Van Buren, Ark. The purpose here is to provide details of construction of a refrigerator that will render it very convenient, insure proper circulation of cold, dry air throughout the interior of the refrigerator, prevent sweaty deposits of moisture on the walls within the refrigerating chamber, and afford perfect drainage for water formed by melting of ice.

RENOVATOR.—J. H. BROWN, New York, N. Y. This invention has in view a manually-operated device for household use in which the dust and dirt are removed by suction. It consists of two upright wheel-supported frames rigidly connected together at the bottom by a platform, and at suitable points thereabove; a receptacle seated on the platform; a nozzle applied to the part to be cleaned; a rotary pump having its inlet connected with the nozzle and discharging into the receptacle, and a driving mechanism for the pump, journaled on the frame.

EGG-TESTER.—EVELYN LEISS, Bronxville, N. Y. The invention belongs to that class of testers which consists of a box having openings in the top in which eggs are adapted to be seated, in combination with a mirror in the box under the openings, for reflecting such light as passes through the eggs, the same being observable through a sight-opening located at a point convenient above the mirror.

Machines and Mechanical Devices.

PULP-REFINING ENGINE.—F. W. QUANTZ, Vincennes, Ind. The main object of the inventor is to provide a shell filling which has the corrugated surface necessary for the reduction of the pulp, but which obviates a former objection, in that all of the pulp is forced into repeated and intimate contact with the revolving plug, thereby rendering the product of uniform texture.

ATTACHMENT FOR LINOTYPE-MACHINES.—A. F. WELLING, New York, N. Y. More particularly the invention relates to devices for determining the number of quads to be allowed for a cut, so that the operator will be enabled to assemble the proper number of matrices having intelligible characters to fill the space at one side of the irregular outline of a picture or design and then insert the proper number of quads or blanks to fill the remainder of the line.

NURSERY-CHAIR.—P. S. CHANDLER, Mountpleasant, Tenn. When the chair is set up and the frame is placed in position encircling the chair, the rear ends of the arms are depressed so that the pins engage the enlarged portions of the slots, thus preventing disengagement of the tray from the undercut notches, until the rear ends of the arm are again lifted to disengage the pins.

FRICITION-CLUTCH.—M. S. SLAGT and T. J. KELLY, Everett, Wash. One purpose here is to provide details for a clutch, which are simple and quick in operation, not liable to slip, and that will positively lock together two parts of a machine they are connected with, so that said parts will co-operate or release them instantly when this is essential for the proper operation of the parts connected by the clutch.

GANG-EDGER.—D. C. LEONARD, Columbia, S. C. The main object of this improvement is to provide a machine which has movable members constituting part of the frame of the device, which can be swung up out of the way to permit easy access to the saws and thereby enable the operator to file them while they are on the arbor.

CALCULATING-MACHINE.—C. L. NELSON, Seattle, Wash. This invention relates to improvements in machines of that type in which the keys are operated in accordance with the number to be listed, and more particularly to that type disclosed in a previous patent granted to Mr. Nelson, although various features of the present invention might be employed in other calculating machines than that shown in said patent.

PAPER-CUTTING MACHINE.—G. M. FARNHAM, South Brewer, Me. This invention refers to certain improvements in machines for cutting paper into diagonal strips, and more particularly to that type of machine in which there is employed a cutter disposed at an angle to the roll of paper to be cut, and adjustable to vary the angle at will.

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INDEX OF INVENTIONS For which Letters Patent of the United States were issued for the Week Ending September 14, 1909, AND EACH BEARING THAT DATE

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

Table listing inventions and their patent numbers, including Adhesive fluids, Air-brake mechanism, Air compressor governor, Alarm or time check, Album, post card, Alkali chlorides, Amusement device, Amusement device, Armature, knockdown.

Main table listing inventions and their patent numbers, including Armatures of dynamo electric machines, Attaching device, Auger, post hole, Automobiles and other machinery, Automobile suspension spring system, Axle connection for vehicles, Axle coupling, Axle shafts for vehicles, Axle shafts for vehicles, Bait, artificial fish, Bait holder, Barrel, J. W. Deamead, Basins, etc., stopper for wash, Bearing, foot step ball, Bearing for grain drills, Bearing, roller, Bed, W. Fuller, Bed rail rolling machine, Bedstead, W. Wokurka, Beer pasteurizing and cooling apparatus, Bell, signal, Belt attachment, Belt fastener, Belt tightener, Bicycle spring fork, Bicycle sizer discharger, Billiard cue, Billiard cue tip, Block forming machine, Block machine, Boat, F. M. Thompson, Boat and vessel, Boiler cleaner and feed water heater, Boiler furnace, locomotive, Boiler hanger, Bolters, system of washing and filing locomotive, Book, blank, scrap and similar, Book, loose leaf, Book rest, Boot or shoe, C. Pease, Bottle, S. Bolfsen-Schmidt, Bottle cap, Bottle cap lifter and cigar cutter, Bottle holder, Bottle mat, Bottles, jars, and the like, Bow separator, Bracket, S. E. Moran, Brake system, fluid pressure, Brake, S. Sauvage, Bridle irons or stirrup or toilet hangers, Brooder, A. Noble, Brush, bottle and like cleaning, Brush hook and ax, combined, Bucket for concrete building material, Buckle, cross line, Burglar alarm, electric, Bust reducing attachment, Calcium silicid, Calculating machines, setting device for, Calk, removable, Calks on horseshoes, Camera mechanism, photographic, Can closing machine, Can covers, apparatus for cleansing, sterilizing, and drying milk, Can feeding and righting machine, Can heading machine, single, Can opener, Candles, gathering implement, Candy making machine, Candy mold, Car, G. G. Fryer, Car body, Car chock, railway, Car coupling, Car, drop bottom, Car, dumping, Car fender, Car fender, Car, passenger, Car safety stop, Car seat, Car underframe, Car, drop door fastening, Cars, drop door operating mechanism, Carburetor, Cards, electrical pattern for the manufacture of Jacquard, Carpet sweeper, Caster attaching bearing box, Caster, furniture, Caster, leg mount, Casting rolls, mold for, Cement block, Cement blocks, water-proof, Cement clinker, process and apparatus for making, Centrifugal machine, Chain tightener and lock, Chain, W. M. Clark, Check bit, Cheese cutter, China, etc., apparatus for casting hollow and other ware of, Chlorin, separating and concentrating, Chuck, W. G. Sanborn, Chuck drill, Churn, J. T. Armstrong, Chute, lever construction for, Cigar lighter, Clasp, G. N. Hall, Cleaning apparatus, Clock, electrically operated, Clover huller, Clutch driving mechanism, controlling means for electrical, Clutch mechanism for automobiles and for other applications, Coal washer, Coat, G. Davis, Cock, quick acting bib, Cocks, locking air, Coffee percolator, Coffee roaster, Coil winding apparatus, Coil winding machine, Coke drawing apparatus, Colander, M. A. Ballif, Colander, wooden, Comb, E. Jenkinson, Compositing machines, means for justifying tabular matter in typographic, Composition of matter, G. W. Boggus, Composition of matter, C. J. & F. G. Marius, Concrete bridge, Concrete building and holding mechanism, Concrete chimney construction, Concrete mixers, power charging device for, Concrete reinforcement, Concrete structure, reinforced, Condenser, G. B. Pettsche, Condenser, metallurgical, Containing can, Controller handle, Coop or crate, folding, Copper refining apparatus, Corn thinner and weeder, Corset, G. H. Cooley, Corsets, hip reducing attachment for, Counter skiving machine, Coupling, Sarrazin & Perreault, Coupling, J. L. Walker, Cover retainer, Crate, H. D. Gokop, Crate, J. E. Mahoney, Crate, C. B. Burwell, Crate, folding, H. H. Goddard, Crate, shipping, Cream ripener, Cross head, Cuff holder, Cultivator, N. Tripp, Cultivator, cotton, Cultivator, gravity hand, Current transformer regulator, alternating, A. C. C. Currents machinery, safety device for poly-phase, Curtain frame, Cut off, automatic, Cycles and like vehicles, toe clip for the pedals of, Cylinder head, Cylinder nurling apparatus, Decoy, Oliver & Westcott, Delivery apparatus, Deposit and collection receptacle, Die stock, Dipping tank, Dish washing machine, Dispensing receptacle, Display case and valise, combined, Display rack, Door adjusting device, Door check and closer, Door opening device, Door stop, Doug dividing machine, Draw bar carrier, Drawer pull, Dress suit cases, traveling bags, and the like, handle cap for, Drill steel coupling, Drills or other apparatus, carriage for portable engine, Driving mechanism, Dropper, Dye, azo, Jansen & Neelmeyer, Dye, brown sulfur, Dye, olive sulfur, Eaves trough strainers or protectors, fastener for, Electric apparatus, ventilating plate and electric block for, Electric furnace, Electric heater, Electric light cluster fixture, Electric machine, dynamo, Electric machine, dynamo, Electric signal, Electrical apparatus, ventilating plate and spacer for, Electrical energy on a circuit, arrangement for indicating and recording permanently the maximum demand for, Lackte & Steele, Electrical switch, Elevator, Engines, adjustable crank for internal combustion, Engines, gearing for traction, Engraving machine, Envelop opener, Excavator hydraulic, Explosive, O. F. von Schroetter, Eyeglasses, connecting guard for, Eyeletting machine, Fabrics, apparatus for removing lye from, Fastener for hinged closures, adjustable, Faucet, J. J. Smith, Feed water heater, Feeding live stock, Ferrule, Fertilizer distributor, Filing cabinet, Filter cell, Fire and temperature alarm or indicator, C. Smith, Fire bar, Firearm, repeating, Firearm safety mechanism, Fishing device, Flexible material, device for feeding, Flue-cutter, Fluid controller, Flying machines, screw propeller for, Fodder-cutter, Folder, sectional, Folding box, collapsible, Forging machine, Fork attachment, Fuel, domestic or steam-producing, Furnace, device for feeding air to, Fuse receptacle, Game apparatus, Game apparatus, Game device, Garment facing strip, Gas and air supply to large chambered Gas ovens, Gas apparatus, acetylene, Gas apparatus for recovering light oils from natural, Gas burner, combination, Gas, composition of matter for manufacturing hydrogen, Gas cut off and safety device, automatic, Gas generator, Gas producer, Gas scrubbing apparatus, Gas washing apparatus, Gate, Gate, G. 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A. Fincke, Cement clinker, process and apparatus for making, C. Ellis, Centrifugal machine, H. Schmitz, Chain tightener and lock, F. A. Fox, Chain, W. M. Clark, Check bit, T. Tippit, Cheese cutter, O. O. Ozias, China, etc., apparatus for casting hollow and other ware of, W. Stubbs, Chlorin, separating and concentrating, Goldschmidt & Spitzer, Chuck, W. G. Sanborn, Chuck drill, J. Bradley, Churn, J. T. Armstrong, Chute, lever construction for, R. M. Howe, Chute, packer, Petrijman & Biebelman, Cigar lighter, F. J. Wildemann, Clasp, G. N. Hall, Cleaning apparatus, F. J. Seeley, Clock, electrically operated, H. Gillette, Clover huller, J. C. Kistler, Clutch driving mechanism, controlling means for electrical, A. P. Steckel, Clutch mechanism for automobiles and for other applications, friction, A. Baloca, Coal washer, F. R. Wilson, Jr., Coat, G. Davis, Cock, quick acting bib, L. J. Sommer, Jr., Cocks, locking air, J. S. Sbeafe, Coffee percolator, J. I. Norwood, Coffee roaster, L. Breyer, Coil winding apparatus, H. B. Smith, Coil winding machine, F. Mueller, Coke drawing apparatus, E. D. Battif, Colander, M. A. Ballif, Colander, wooden, C. A. Nickerson, Comb, E. Jenkinson, Compositing machines, means for justifying tabular matter in typographic, Holbourns & Longhurst, Composition of matter, G. W. Boggus, Composition of matter, C. J. & F. G. Marius, Concrete bridge, D. B. Lutten, Concrete building and holding mechanism, A. N. Doud, Concrete chimney construction, G. Maschino, Concrete mixers, power charging device for, E. B. Symons, Concrete reinforcement, H. E. White, Concrete structure, reinforced, E. McCulloch, Condenser, G. B. Pettsche, Condenser, metallurgical, W. M. Johnson, Containing can, C. M. Symonds, Controller handle, E. W. Stull, Coop or crate, folding, J. P. Carnedix, Copper refining apparatus, F. L. Antisell, release, 13,020, Corn thinner and weeder, G. M. Hanger, 933,753, Corset, G. H. Cooley, 934,044, Corsets, hip reducing attachment for, J. M. 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