RECENTLY PATENTED INVENTIONS.

Of General Interest.

SWIVEL AND EXTENSION CONNECTION FOR SUCTION-PIPES OR HYDRAULIC DREDGES.—J. W. SACKET, 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 waterway 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The invention relates to a holder adapted to receive a roll of cotton, and which is adapted to enable the cotton to be withdrawn as desired, while at the same time it is fully protected from dust and dirt.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. BURN-STEIN, 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. ATHEBTON, 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.—B. 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. GRIX, Schöndberg, near Berlin, Germany. The device consists of an igniter proper, such as a platinum pliule, 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 Parses.

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 nozsle applied to the part to be cleaned; a rotary pump having its inlet connected with the nozsle and discharging into the receptacle, and a driving mechanism for the pump, journaled

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.

A TTACHMENT FOR LINOTYPE-MA-CHINES.—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 encircing 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.

FRICTION-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.

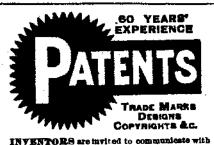
GANG-EDGER.—D. C. LEONARD, Columbia, S. C. The main object of this improvement is to provide a machine which has movable members constituting part of the frame of the device, which can be swung up out of the way to permit easy access to the saws and thereby enable the operator to file them while they 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. FARN-HAM, 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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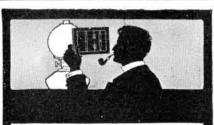
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Ş	Valve, automatic rain spout, J. P. Olson Valve, drain, H. M. Kirby Valve, tlush, D. E. Selby	933,918 934,188 933.855
_	Valve, flush tank, J. F. Cotter	934,045 934,353
	water gear for turbines, C. Roth	933,777 934,360
ı	Valve indicator, gate, A. J. Richifold Valve lifting device, antidry meter, R. E. Davis	934,050
	Valve international for steam engines, J. C. Bird	933,952 934,083
	Vapor burner, W. Chausse	933,823 934,250 934,117
7	Vehicle steering goar, E. N. Daniels, Vehicle wheel, Inglee & Hart, Vehicle wheel road G. S. Ogilvio	934,144 934,178 934,341
	Vehicles, coupling for power transmission in motor, H. E. Coffin.	934.043
1	appliance for, P. Hertzog	933,983
	1. A. Lange Violin, J. M. Gray Violin, H. Moertel	933.766 934.068 934.413
5	Wagon box corner iron, J. R. Cross	934.048
1	Vehicle wheel, road, G. S. Ogilvie, Vehicles, coupling for power transmission in motor, H. E. Coffin. Velvets, plashes, and similar fabrics, cutting appliance for, P. Hertzog, Ventilating plate for laminated structures, I. A. Lange, Violin, J. M. Gray, Violin, H. Moertel Wagon, box corner iron, J. R. Cross, Wagon box lifting and dumping device, J. F. Myers, Wall, D. B. Luten, Wall tie, Schirra & Frank, Washboard, J. Schneider	934,411 933,925 934,222
C	Washing machine operating mechanism, J.	933,895
U	N. Meves Washtub and heater, combined, M. E. Brat-	933,913
	Watch potence or balance foot, J. H. Gor-	934,305
	Water closet, A. Coentail Water heater, G. V. Andrews. Water lift, F. O. De Hymel.	933,736 933,894
	Water proofing fibrous materials, A. O. Tate Weighing machine, automatic, T. R. Weyant Well drill, H. B. King	933,861 934,420 933,762
	Wheel W. S. Laughlin Wheel for motor cars, etc., G. S. Ogilvie Wheel rim detachable C. Kindschorf	934,408 934,416 934,187
	Washtub and heater, combined, M. E. Brattin Watch potence or balance foot, J. H. Gor- man Water closet, A. Cochran Water heater, G. V. Andrews. Water lift, F. O. De Hymel Water proofing fibrous materials, A. O. Tate Weighing machine, automatic, T. R. Weyant Well drill, H. B. King Wheel, W. S. Laughlin Wheel for motor cars, etc., G. S. Ogilvie, Wheel rim, detachable, C. Kindscherf, Whip socket, Veid & Higgins, Wind shield, E. Flagg Winding and doubling frames by means of a measuring clock, device for stopping, M.	934,109 934,152
	measuring clock, device for stopping, M. Ebeling	934.053
	measuring clock device for stopping, M. Ebeling Windlass, J. S. Oram Window, A. Kaselow Window cleaner, J. Null	933,781 934,185 934.007
	Window fixture, J. Grizzell	934,308
	Window screen F Granner	022 075
	Window screen A R Rhoules	024.257
	Wire connector, line, J. S. Fratt. Wire stretcher, Bradbury & Grubb. Work holder, I. J. Van Huffel, Jr. Yarn drying machine, Allsop & Sibson.	933,799 934,127

A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1863, will be furnished from this office for 10 cents, provided the name and number of the patent desired and the date be given. Address Munn & Co., Inc., 361 Broadway, New York.

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