

RECENTLY PATENTED INVENTIONS.

Electrical Devices.

TELEPHONE-STAND.—L. STEINBERGER, New York, N. Y. This invention relates to telephone stands and fixtures applicable to such stands for the purpose of enabling the stands to perform duties relating in various degrees to telephony or to work incidental thereto. The receiver rests on a table, which enables the operator to step away from the telephone without replacing the receiver on the switch hook. It also enables the operator to employ both hands as an aid to looking up records and the like.

INSULATING-STRAIN.—L. STEINBERGER, New York, N. Y. The invention pertains to insulating strains for the support and insulation of electric conductors and more especially for use in connection with currents of high voltage. The more particular objects are to so improve the insulation as to lessen the tendency, under wet weather or other unfavorable conditions, of a high voltage current to arc over the surface of the insulator, and also to have the latter act as a turn-buckle when so desired.

Of General Interest.

DENTAL MALLET.—G. H. SHANNON, Cambridge, N. Y. A purpose in this instance is to provide a right and left-hand dental mallet of simple construction, wherein all the working parts are concealed and the device is given a plain cylindrical exterior, thus removing obstructions calculated to interfere with a perfect view of the interior of the mouth during the progress of work therein.

INVALID-REST.—G. F. RAUCH, Medford, Wis. The parts of the device are so constructed that the user may readily operate the rest and adjust the inclination of the main frame from a lying to a sitting position, and permit at all times a free circulation of air under the user and also permit ice pans or hot water bags to be readily applied under the apron of the frame without disturbing a patient and particularly without interfering with the pillow.

LIFE-SAVING STATION.—F. C. MARTIN, New York, N. Y. The invention relates to life-saving stations, and the object of the improvement is to produce a floating abode for life savers which is provided with means for housing a life boat and for launching the same quickly without danger of capsizing. The arrangement is such that the station also constitutes a lighthouse.

PENCIL-SHARPENER.—O. S. MATTHEWS, St. Louis, Mo. One purpose of the invention is to provide a device adapted as an article of desk furniture, or as a toilet article, being particularly adapted, however, for sharpening pencils, or as an ink eraser, but which can also be advantageously employed for cleaning the finger nails or for removing flesh nails from the hand.

PUMP.—H. NAGEL and J. E. NAGEL, Brunswick, Neb. The invention consists in a simple attachment to this form of pump, whereby either a vacuum or the pressure of an air cushion is made to promote the continuity of the up-flow of water. It is a divisional application of these inventors' application for pumps formerly filed, and relates to driven or deep-well pumps.

NASAL DOUCHE.—E. J. LAMPORT, Cape Town, Cape Colony, South Africa. The principal purpose of the present invention is to so construct the douche that it will operate simultaneously upon both nostrils, and whereby the flow of liquid to the outlet will be automatic and constant until cut off, also to provide means for regulating the flow of liquid.

BLANK-MOLD.—R. JOHNS, Fairmount, W. Va. The object of the improvement is to provide means for keeping the molds at working heat and thus increasing their rate of production, the means employed being such that the moment the valve is raised to press a piece from the mold air vents are opened from the bottom, permitting a current of air from the top downward through and out from the mold at the bottom, the vents being automatically closed when the valve is seated.

LIMEKILN.—J. H. CAMPBELL, Strasburg Junction, Va. The design in this case is to overcome difficulties that occur in kilns of that class which employ a vertical stack or cupola into which at an elevated level at or near the top, the lime-stone is charged and into the lower part of which stack one or more extraneous abutting furnaces discharge their heat and gases laterally into the stack to calcine the lime-stone, which, as it is reduced to quicklime, is removed from the drawing pit at the lower end of the stack.

PEN-STAFF HOLDER.—F. J. GUILFORD, Aurora, N. C. This device is particularly useful for pupils or beginners in the art of chirography, since it supports the penstaff constantly in the correct position or habit in the use of the hand. It is also useful to those accustomed to writing since it greatly relieves the hand of muscular effort in holding a pen-staff.

Machines and Mechanical Devices.

BRUSHING-MACHINE.—P. H. BACON, New York, N. Y. Primarily the object of this inventor is to provide a machine which may be manually lifted and guided over the work and in which the brushes may be rapidly driven

by machine power transmitted through a flexible shaft. The invention relates to a machine designed especially for washing electrolytic plates, but useful in many other connections.

DRAWER-LOCK FOR DESKS.—J. McDowell, Sr., New York, N. Y. The invention refers to improvements in mechanism for locking the drawers of a desk, cabinet, or other piece of furniture in their closed position, and relates more particularly to locking means adapted to be operated by a roller top or other movable section of a piece of furniture, and serving to engage with each of the drawers to prevent opening while the top or other movable section is closed.

STAKING-TOOL.—A. S. KOCH, Lancaster, Pa. This staking tool is for use by watchmakers. Usually the die is held as adjusted by means of an eccentric or cam mechanism, but such construction is objectionable as by hammer impulses the cam becomes loose and consequently the die is permitted to tilt and move out of adjustment. Means are provided in this invention for rigidly holding the die as adjusted and from any possible tilting motion.

STREET-SWEEPING MACHINE.—C. BLY, Ticonderoga, New York. The invention has reference more especially to motor-propelled street-sweeping machines, though capable of being drawn by animals in the ordinary way. The inventor seeks to provide such a machine as may be easily regulated and quickly controlled. Means are provided for supporting a suitable gasoline or other motor by which the machine is propelled, and from which the active parts are driven or operated.

PILE-FABRIC LOOM.—J. K. DALKRANIAN, New York, N. Y. The invention relates to looms such as are used for weaving Axminster carpets, and its object is to provide a pile-fabric loom for weaving pile-fabrics resembling Turkish, Persian, and similar weaves and permitting of weaving the fabric in any desired design and with the pile threads of any desired color. Mr. Dalkranian has invented another pile-fabric loom whose object is the provision of a loom more especially designed for weaving pile-fabrics in any desired design and color and of the oriental rug type, having Persian knots, such as shown and described in his former application for Letters Patent of the U. S., No. 250,980. In a third pile-fabric loom improvement this inventor provides a loom, more especially designed for weaving pile fabrics of the oriental rug type and preferably such having Persian knots formed in accordance with the method described and shown in his application for Letters Patent, serial number 265,887.

Pertaining to Vehicles.

SANDING DEVICE FOR MOTOR-VEHICLES.—A. L. MOSS, Sandusky, Ohio. Mr. Moss's object in the present invention is to provide a sanding device for automobiles and like motor vehicles, and arranged to scatter sand on the path to be traveled by the driving wheels of the vehicle to prevent the latter from skidding on slippery roadways. The invention relates to sanding devices, such as shown and described in Letters Patent of the U. S., formerly granted to this inventor.

LAMP-SHADE FOR ROAD-VEHICLES.—K. H. EVANS, 87 Sidwell Street, Exeter, Devon, England. The invention refers more especially to motor-driven vehicles. The object is to provide a device whereby those rays of light projected by a lamp, which would be otherwise directed upward at more than a predetermined small inclination to the horizontal, will be cut off or reflected downward without interfering with the horizontal or nearly horizontal rays, so that practically no rays will diverge to a height to cause danger or annoyance by dazzling the eyes looking toward a vehicle which carries the lamp or proceeding in a contrary direction.

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

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United States were Issued

for the Week Ending

July 16, 1907.

AND EACH BEARING THAT DATE

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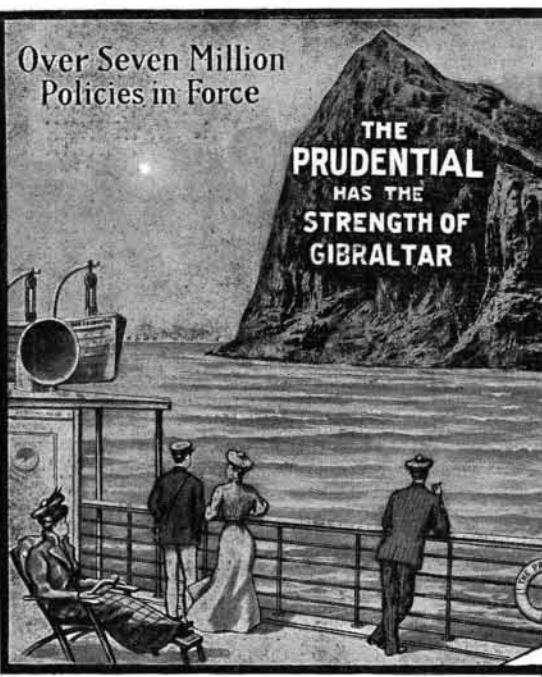
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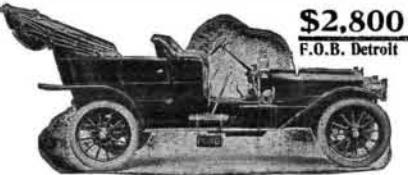
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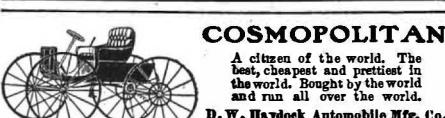
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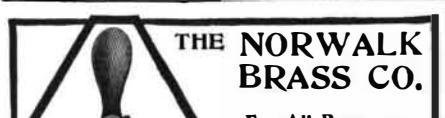
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