

RECENTLY PATENTED INVENTIONS.

Pertaining to Apparel.

VENTILATING DEVICE FOR SHOES.—C. R. HENRICKS, Norristown, Pa. This device provides for ventilating the lower parts of shoes. The invention comprises a means for conducting air from one part of the bottom of the foot to another. When the foot is raised in walking, air will be drawn in, and when lowered will be forced out through an eyecet. In wet weather a valve is closed to prevent entrance of moisture.

GARMENT-SUPPORTER.—F. H. NEWTON, Greenville, S. C. The supporter may be used for holding the long gloves now used, and also as a hose supporter. A band is clasped around the arm and two straps project upwardly therefrom and the glove drawn up over the buttons. Clasps are turned down to engage with the glove and secure the same upon their respective buttons.

Electrical Devices.

ELECTRODE FOR SECONDARY BATTERIES.—L. CHRONIK, New York, N. Y. The object in this case is to provide an electrode or battery plate for secondary or storage batteries arranged to provide a very large exposed surface for the electrolyte and to readily retain the absorptive material. It relates to batteries of the Planté type having electrodes made of lead and the like, and an electrolytic fluid, such as diluted sulfuric acid.

TROLLEY-POLE ATTACHMENT.—P. F. DUROSS, New York, N. Y. A purpose in this invention is to provide a very effective pole attachment, in which the guide fingers located at the sides of the trolley wheel and extending above the same will automatically pass all manner of overhead obstructions, and wherein said fingers may be purposely drawn from the wire at any time found necessary.

ELECTRIC SIGNAL.—M. A. EWING and J. II. EWING, Gallatin, Texas. The improvement pertains more particularly to an electric apparatus suitable for block signals, and in all relations where the movement of rolling stock or the like is controlled by, or exerts control over, appropriate alarm mechanism. Also, to means for producing an alarm upon a movable member of rolling stock, such as a locomotive, and independently of this alarm for producing another alarm at a station or other predetermined point.

Of Interest to Farmers.

LOW-LIFT PLOW.—D. HALLORAN, Paris Station, Ontario, Canada. The object of this inventor is to provide means adapted to enable the plow to make a short turn; to permit it to be readily adjusted to regulate the depth of cut, to regulate the width of cut of the furrow; to enable it to be readily lifted out of the ground or placed therein; to enable the rear furrow wheel to be locked in position or to run at will; and to provide means whereby the wheel and pivotal connection of the plow with the main frame may be operated by the main lever.

GATE-HINGE.—O. REPPERT, J. F. FRUCHTE, and F. L. LITTERER, Decatur, Ind. The purpose of the invention is to provide details of construction for a gate hinge, especially well adapted as an adjunct for a farm gate, and that will release and permit the lateral opening movement of such a gate when the hinge is rocked on its support in either direction.

Of General Interest.

CONSTRUCTION OF BRICK PAVEMENTS.—J. M. PERKINS, Memphis, Tenn. The aim of this invention is to provide an especially hard filler for the joints between the bricks when laid in street pavements, which filler is hard and smooth, is applied in a liquid or semi-liquid state, and will tend to render a pavement less noisy than when laid with the usual fillers, since the tendency of the proposed filler is to deaden sound.

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.

NEW BOOKS, ETC.

PRESBREY'S INFORMATION GUIDE FOR TRANS-ATLANTIC TRAVELERS. Fifth Edition. New York: Frank Presbrey Company. 1907. Pp. 20. Maps and plates. Price, 25 cents.

A most useful and attractive little book, giving exactly the information which travelers always wish to know regarding steamships, hotels, European travel, and a thousand and one other things which relate to European trips. An ocean voyage opens a new vista of delight for the traveler, and a journey can be made much more pleasant with the aid of this interesting little book, which is sold at such a moderate price. It contains colored plates showing the international code of signals, funnels, and house flags of transatlantic steamship lines, storm and weather signals, etc. We strongly recommend it to our readers.

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