No. 632,189. Patented Aug. 29, 1899.

L. KNOTT.

SLATE WASHER.

(Application filed Aug. 5, 1898.)

(No Model.)

Fig. 1.

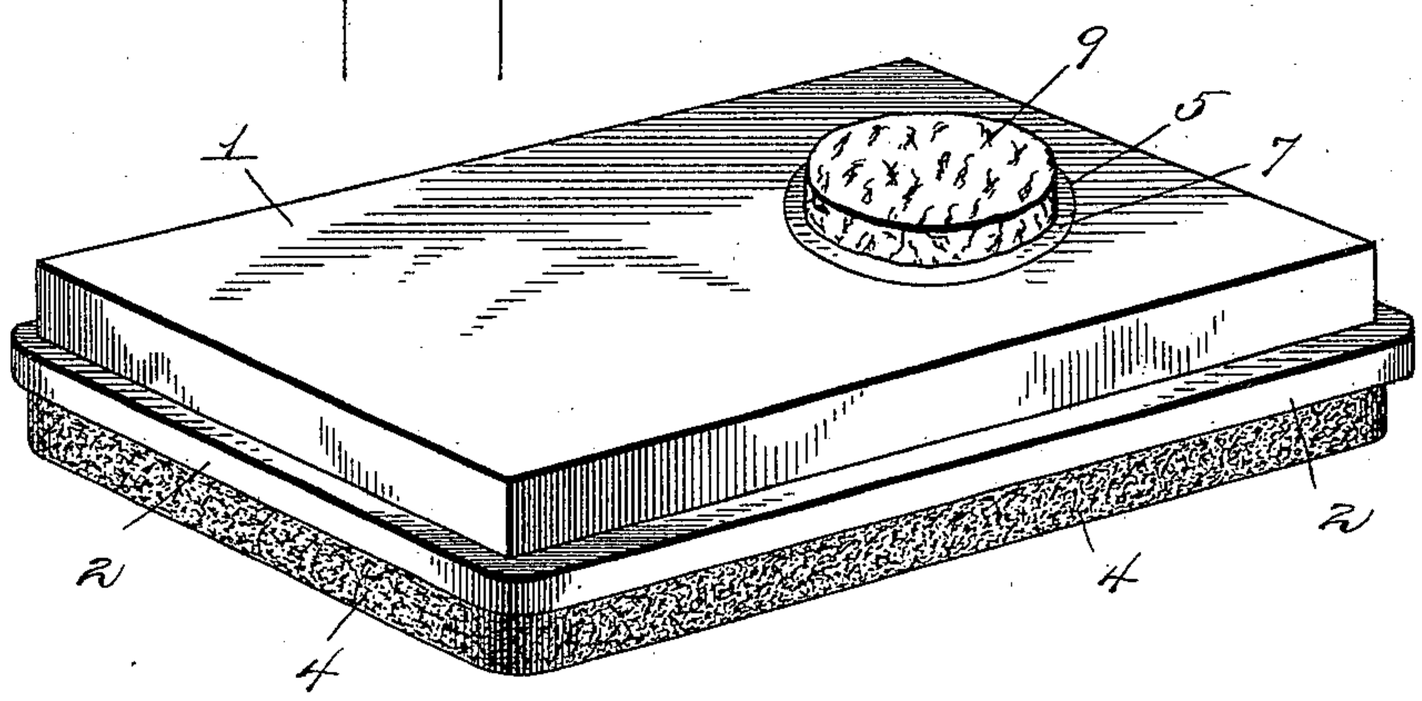


Fig. 2.

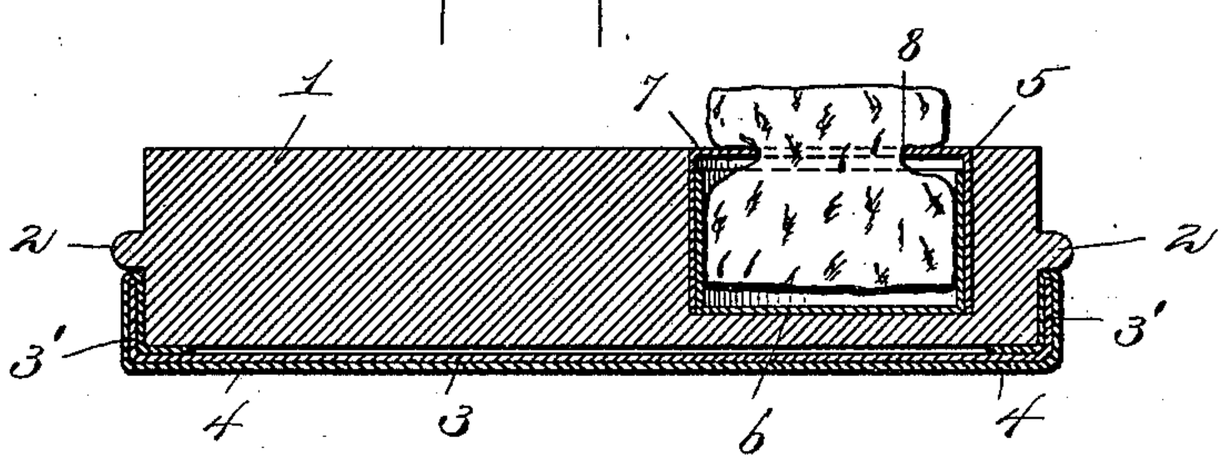


Fig. 3.

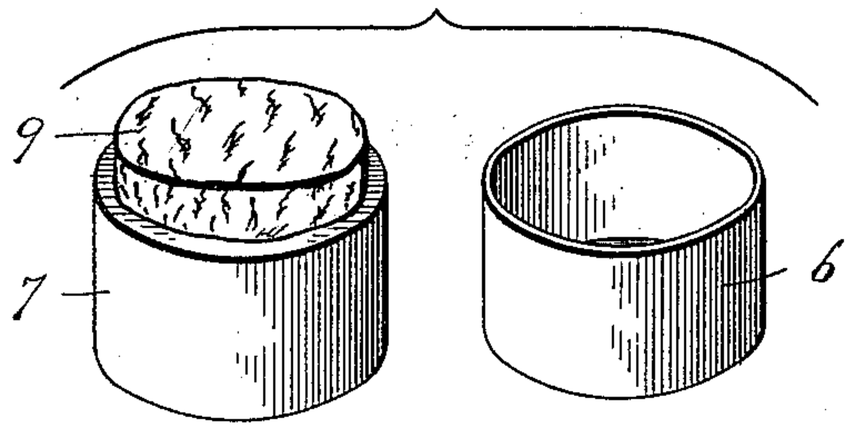
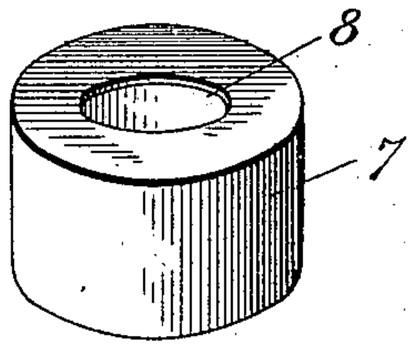


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

LEVI KNOTT, OF ALTOONA, PENNSYLVANIA.

SLATE-WASHER.

SPECIFICATION forming part of Letters Patent No. 632,189, dated August 29, 1899.

Application filed August 5, 1898. Serial No. 687,808. (No model.)

To all whom it may concern:

Be it known that I, LEVI KNOTT, a citizen of the United States, residing at Altoona, in the county of Blair and State of Pennsylvania, have invented certain new and useful Improvements in Slate-Washers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to slate-washers; the object in view being to provide an article of the character referred to which shall be designed for the use of school children.

The improved slate-washer combines a drier or rubber in connection with a sponge and water-receptacle, the receptacle being located within the plane of the body of the drier, so as to be inaccessible to school children, thereby preventing the children from tampering with the water-receptacle and destroying the usefulness of the article.

The detail objects and advantages of the invention will appear in the course of the subjoined description.

The invention consists in certain novel features and details of construction and arrangement of parts, as hereinafter fully described, illustrated in the drawings, and incorporated in the claim.

In the accompanying drawings, Figure 1 is a perspective view of the device complete. Fig. 2 is a central longitudinal section through the same. Fig. 3 is a detail perspective view of the water-receptacle with the parts disassociated. Fig. 4 is a detail perspective view of the cap.

Referring to the drawings, 1 designates a hand-block, which is preferably composed of wood of approximately one inch in thickness. This block is provided with a surrounding bead 2 about midway of its height, forming a shoulder, against which the upper edge of a metal cap 3 abuts. The cap 3 conforms in shape to the block 1 and covers the entire lower surface of the block and also has a surrounding rim or flange 3′. Before placing the cap on the block a piece of fabric 4, such as toweling, is placed over the lower surface of the cap, the edges being received in the upper hollow side of the cap. When the cap is placed over the bottom of the block, the edges of the fabric are bound between the flange of the cap and the sides of the block, thus retaining the cap in place and holding the fabric stretched across the lower surface thereof.

Near one end of the block 1 a circular mortise 5 is provided, extending from the upper surface of the block to a point near the bottom thereof, but not entirely through the block. Located within said mortise is a two-part cup or water-receptacle consisting of a lower section or member 6 and an upper section or member 7, which surrounds and fits over the lower section, entirely inclosing the lower section and resting with its bottom edge against the bottom of the mortise 5. The water-receptacle as a whole is fastened in the mortise by means of white lead or by suitable packing forced between the receptacle and the inner wall of the mortise 5.

The upper section of the water-receptacle is provided with a small central opening 8, and a sponge or other water-distributing device 9 is inserted through said opening, the major portion of the sponge lying within the water-receptacle and a sufficient portion extending outside of and above the receptacle to form means for applying moisture to the slate. The water receptacle or reservoir is filled by slowly pouring water upon the exposed portion of the sponge. Thus the sponge becomes thoroughly saturated with water and fills the receptacle and that portion of the sponge which lies therein.

From the foregoing description it will be seen that the receptacle or reservoir lies wholly within the plane of the block and affords no projection beyond the same. It is cemented in place and cannot be detached. Only a sufficient portion of the sponge projects to enable it to be used for washing a slate. The water contained in the receptacle is taken up by the sponge, and therefore there is no danger of spilling the liquid.

The device is compact and may be carried in the pocket, if desired. The device can also be manufactured economically and be placed upon the market at a low cost. It is necessary to saturate the sponge but once a week.

When the fabric 4 becomes worn, it may be replaced by detaching the cap 3, which

will allow the fabric to be removed in a manner readily understood.

Having thus described my invention, what is claimed as new, and desired to be secured by Letters Patent, is—

As a new article of manufacture, the herein-described slate-cleaner, comprising a block provided on its upper side with a mortise for a water-receptacle, a removable flanged metal plate on its opposite or lower side, an absorbent covering for said flanged plate having its edges extending within the cap flange or rim of said plate for securing it to the block, a water-receptacle located in the mortise within the plane of the block and having a flanged and perforated top, and an absorbent material in said receptacle arranged to project through the opening in the top of said water-receptacle, all substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

LEVI KNOTT.

Witnesses:
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CLYDE E. BROWN.