

(No Model.)

B. M. ABELL.
SLATE WASHER.

No. 341,202.

Patented May 4, 1886.

Fig. 1.

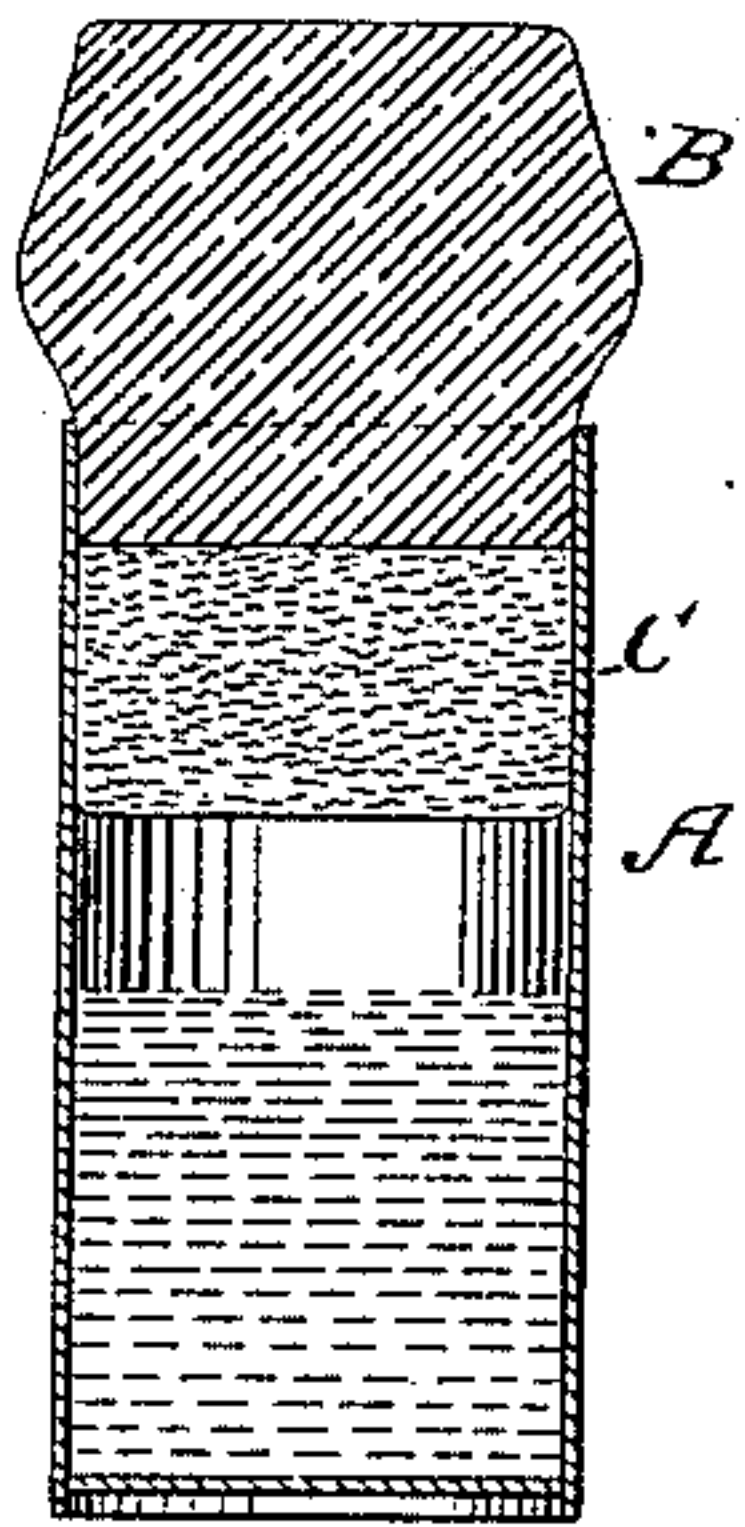
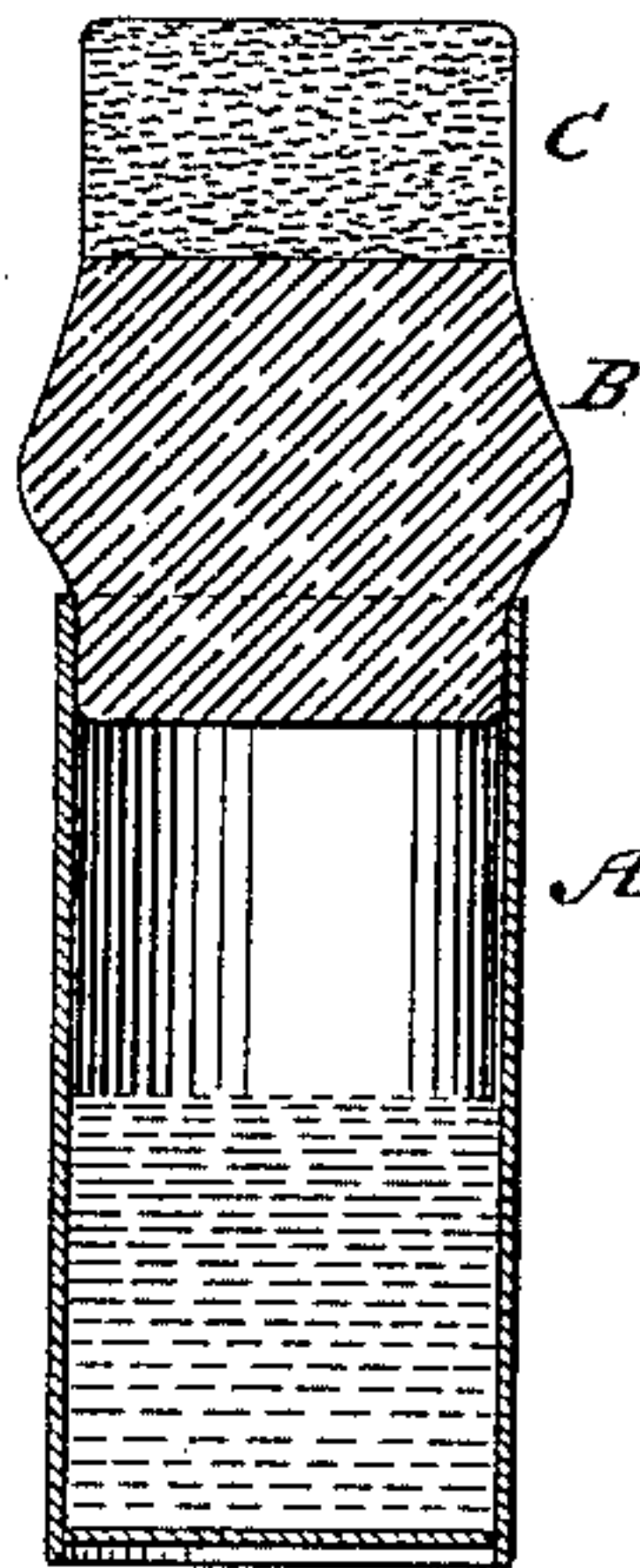


Fig. 2.



WITNESSES:

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SLATE-WASHER.

SPECIFICATION forming part of Letters Patent No. 341,202, dated May 4, 1886.

Application filed April 3, 1886. Serial No. 197,673. (No model.)

To all whom it may concern:

Be it known that I, BERNARD M. ABELL, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Slate-Washers; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The invention relates to improvements in slate-washers; and it consists in a combined receptacle, of tin or analogous material, and a reversible stopper made of cork and solid throughout, the opposite ends of the stopper being tapered, and one of said ends carrying a thick piece of felt, preferably what is commercially known as "burnishing-felt," all as hereinafter described, and particularly pointed out in the claims.

The objects of the invention are to provide a simple, durable, and inexpensive slate-washer of the fewest possible parts, and one which is thoroughly effectual and not liable to moisten or soil the clothes when carried in the pocket, nor to render the slate "sloppy" when in use.

In the drawings, Figure 1 is a central vertical section of an embodiment of the invention, the end of the stopper carrying the felt being shown turned downward into the receptacle; and Fig. 2 is a like view of same, the felt end of the stopper in this view being shown in position for use in cleaning slates.

A in the drawings designates the tin receptacle, of suitable size to be conveniently carried in the pocket, and to hold a small quantity of water below the reversible cork stopper B, which is solid throughout and has its ends correspondingly tapered to form a bead, which passes around its transverse center. Upon one end of the cork stopper is secured, by shellac or other suitable means, a disk of felt, C, adapted to hold sufficient moisture to clean the slate.

There are advantages in employing felt upon the stopper B which cannot be obtained by the use of any different material, and among these may be mentioned its durable

nature, its adaptability for cleaning smooth surfaces, the fact that it will only carry a limited quantity of water—simply enough to clean the slate without rendering it sloppy, and the facility with which it may be secured to the cork. Should it be attempted to employ sponge in lieu of the felt, the objects of the invention would, in a large measure, be defeated, since it is difficult to attach the same to a solid cork; and a part of the water would have to be expressed from the sponge before applying it to the slate. The stopper, having tapered ends and being of solid cork, is advantageous, in that the cork, being of a yielding nature and tapered, will effectually close the mouth of the receptacle, and will not permit the passage of the water through it while the receptacle is being carried in the pocket. The receptacle is of such length that it will hold a small quantity of water below the felt end of the stopper, as indicated by the dotted lines in the drawings.

I am aware that a slate-washer consisting of a receptacle and reversible stopper is shown in patent numbered 219,007, and dated August 26, 1879. The construction shown in said patent does not, however, possess the advantages attained by my invention, as above specified, and is too expensive for the uses for which it was intended.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A slate-washer consisting of the tin receptacle and solid reversible cork stopper having correspondingly-tapered ends, one of the latter carrying a piece of felt, substantially as shown and described.

2. A slate-washer consisting of the tin receptacle and the solid reversible cork stopper having correspondingly-tapered ends, one of the latter carrying a piece of felt or analogous material, and the receptacle being of such length as to afford a water-space between its bottom and the felt on the stopper, substantially as shown and described.

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

BERNARD M. ABELL.

Witnesses:

CHAS. C. GILL,
EDWARD WOLFF.