

(No Model.)

P. D. HORTON.
SLATE WASHER AND WIPER.

No. 358,119.

Patented Feb. 22, 1887.

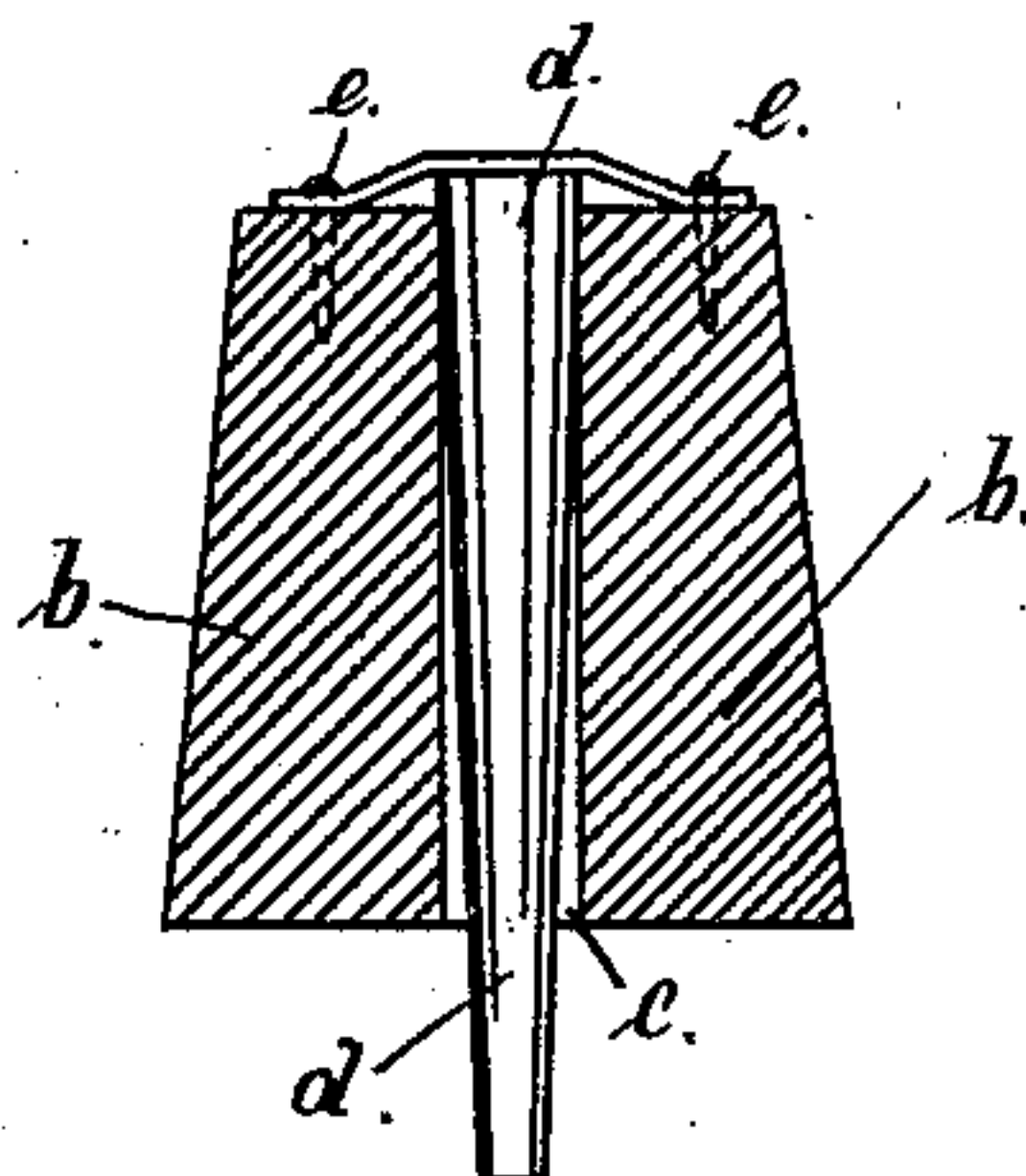
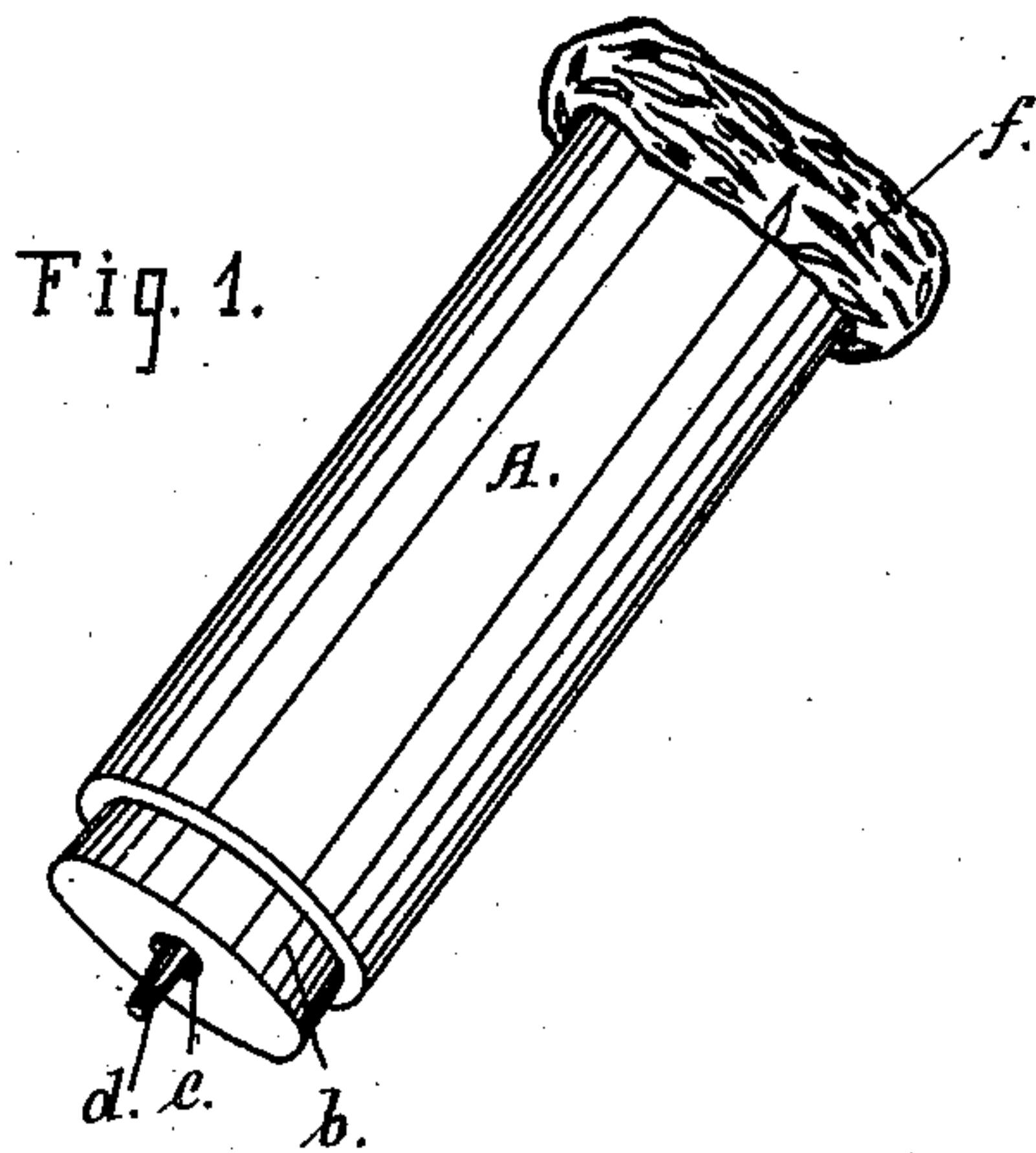


Fig. 2.

Witnesses:

Wm. Mayer
Joseph E. Ford

Inventor:

Peter D. Horton
By *Wm. Smith*
Atty.

UNITED STATES PATENT OFFICE.

PETER D. HORTON, OF OAKLAND, CALIFORNIA.

SLATE WASHER AND WIPER.

SPECIFICATION forming part of Letters Patent No. 358,119, dated February 22, 1887.

Application filed November 16, 1886. Serial No. 219,095. (No model.)

To all whom it may concern:

Be it known that I, PETER D. HORTON, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented a new and useful Slate Washer and Wiper, of which the following is a specification.

This invention consists in a cylindrical water-holder having a cork or stopper in one end, carrying a peculiarly-constructed valve, whereby the water-supply is regulated and obtained in suitable quantity for washing the slate, while a sponge connected to the opposite end of the container serves as a wiper for the slate.

In the accompanying drawings, forming part of this specification, Figure 1 is a view in perspective of my slate washer and wiper. Fig. 2 is a vertical section through stopper.

Let A represent the water-container open at one end and provided with a cork or stopper, b, which fits closely within the mouth of the container. The cork is pierced centrally to form a hole, c, which receives the conical-shaped stem d, the latter projecting outwardly a sufficient distance to be removed back or inwardly when the end is pressed upon. Over the head of this valve or stem is placed a thin strip or band of india-rubber, held in position by means of tacks e e, which enter the inner face of the cork and hold the strip of rubber stretched over the head of the stem and keep it down flush with the inner face of the cork, and forms a spring, so that when the end of the stem is pressed back the head of the valve

will be lifted and permit a drop or so of water to pass out of the holder and follow the stem down to its point upon the slate, and when the pressure is removed the rubber spring will bear down the head of the valve and shut off the supply.

It should here be observed that the greater the distance which the tapering end of the valve projects from the outer end of the cork the greater the supply of water that will pass out from the water-holder, as the head of the valve will be raised a greater distance from its seat and open a greater discharging-space through the hole or opening in the cork, and in practice this is regulated to meet the requirements needed.

A sponge, f, is connected to the closed end of the water-holder, which acts as a wiper for the slate.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In a slate washer and wiper, the combination, with a water-container, of the cork or stopper pierced with a hole or opening, in which a conical or tapering valve operates, held in position within the stopper by an elastic spring, in the manner described.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

PETER D. HORTON. [L. S.]

Witnesses:

CHAS. E. KELLY,
JOHN R. YONTZ.