

(No Model.)

L. F. POLLEY.
SLATE SPRINKLER.

No. 588,731.

Patented Aug. 24, 1897.

Fig. 1.

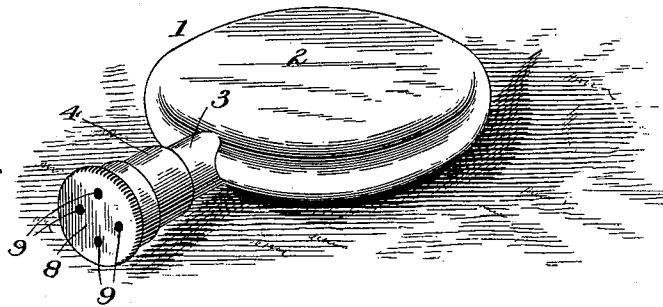


Fig. 2.

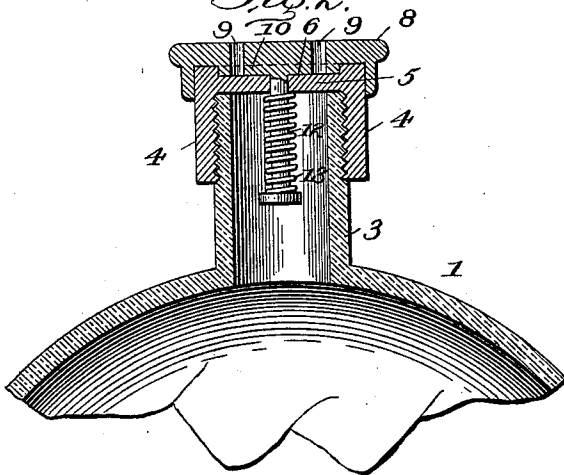


Fig. 3.

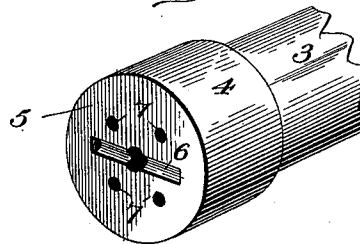
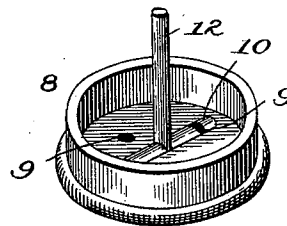


Fig. 4.



WITNESSES:

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LUCY F. POLLEY, OF WATERTOWN, SOUTH DAKOTA.

SLATE-SPRINKLER.

SPECIFICATION forming part of Letters Patent No. 588,731, dated August 24, 1897.

Application filed March 6, 1897. Serial No. 626,339. (No model.)

To all whom it may concern:

Be it known that I, LUCY F. POLLEY, a citizen of the United States, residing at Watertown, in the county of Codington and State of South Dakota, have invented certain new and useful Improvements in Slate-Sprinklers; 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.

My invention has relation to slate-sprinklers for the use of pupils in cleaning their slates, and the object is to provide a simple and inexpensive device for this purpose.

To this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same reference-characters indicate the same parts of the invention.

Figure 1 is a perspective view of my improved slate-sprinkler. Fig. 2 is a vertical section of the same. Fig. 3 is a perspective view with the rotating cap removed, and Fig. 4 is an inside view of the rotating cap.

1 represents the receptacle for containing the water, and it may be of any suitable size or material, and it is formed with two parallel plane sides 2 2 and an externally screw-threaded neck 3.

4 represents the removable cap internally screw-threaded to detachably engage the corresponding threads on the neck. The upper face 5 of this cap is formed with a diametrical groove 6 and a series of orifices 7, extending entirely through the top of said cap and communicating with the body of the receptacle.

8 represents the rotating cap, and it is provided with a series of orifices 9, which may be brought into line with the orifices 7 in the cap proper to permit the free passage of the water from the receptacle 1 when the two series of orifices are alined.

10 represents a diametrical rib on the inner face of the cap 8, which is adapted to en-

gage the corresponding groove 6 in the top of the contiguous face of the cap proper and prevent the accidental displacement of the cap 8 when the receptacle is not in use. When the parts are so engaged the spaces between the orifices 9 in the cap 8 close the orifices 7 in the fixed cap 4 and effectually prevent the escape of the water, while a slight turn to the right or the left will uncover the orifice 7 and permit the water to flow.

12 represents a stud on the cap 8, which extends through the top of the fixed cap, and its lower end is encompassed by a spring 13, which holds the inner face of said cap 8 into intimate contact with the top of the fixed cap at all times, except when the former is turned to admit of the passage of the water.

While I prefer to construct the receptacle of rubber, celluloid, or similar flexible material, I do not wish to be confined to the same, as glass, porcelain, or other vitreous substance may be employed, the only advantage of soft rubber being the absence of noise when it comes in contact with the desk and the facility with which the contents may be expelled by compressing its sides.

The object of the flat sides is to prevent the receptacle from rolling off the desk or being accidentally knocked over if it were provided with a plane or flat bottom, and although I have specifically described the construction of the relative arrangement of the several elements of my invention I do not desire to be confined to the same, as such changes and modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. A school-slate sprinkler, comprising the receptacle 1, having parallel plane sides and a screw-threaded neck, in combination with a removable screw-threaded, perforated cap, and a perforated rotating cap, adapted to open and close the perforations in said threaded cap, substantially as shown and described.

2. A school-slate sprinkler, comprising the

receptacle 1, having parallel plane sides 2 2
and an externally-threaded neck 3, an inter-
nally - threaded cap 4, having its face, 5,
formed with a groove 6, and a series of ori-
5 fices 7, in combination with a rotating cap 8,
provided with a series of orifices 9, a rib 10,
and a stud 12 extending through the cap 4,
and the spring encompassing the lower end

of said stud, substantially as shown and de-
scribed. 10

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

LUCY F. POLLEY.

Witnesses:

W. D. MORRIS,

NELLIE HULL.