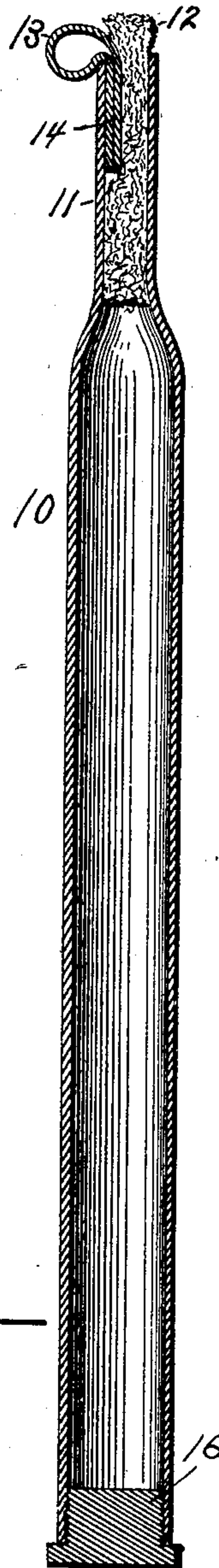
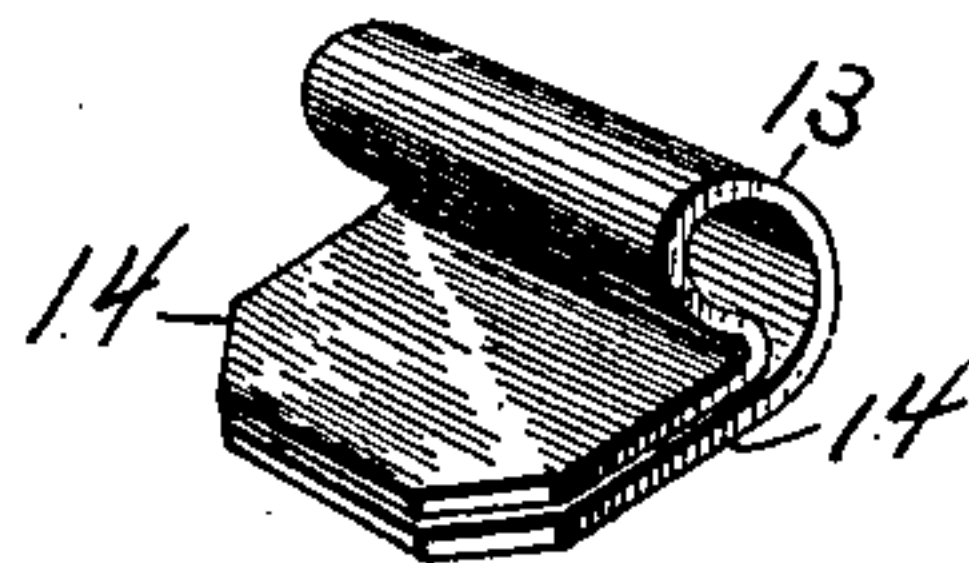
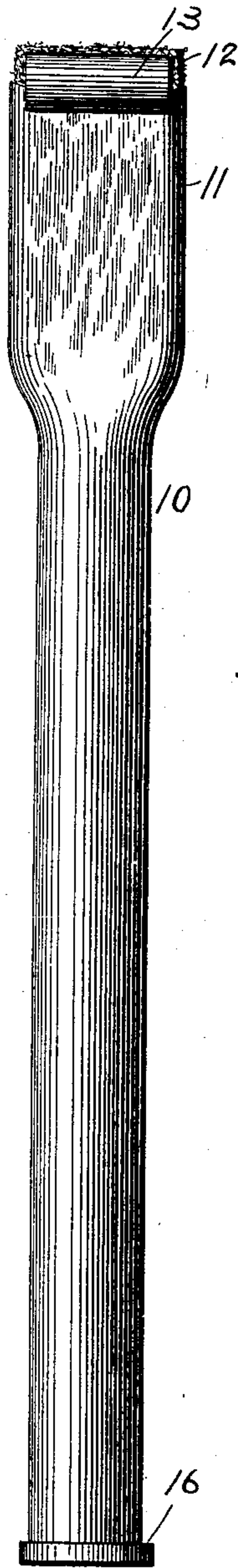


No. 697,548.

Patented Apr. 15, 1902.

**N. SCHWAB.**  
**ENVELOP MOISTENER.**  
(Application filed July 23, 1901.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

NATHAN SCHWAB, OF NEW YORK, N. Y.

## ENVELOP-MOISTENER.

SPECIFICATION forming part of Letters Patent No. 697,548, dated April 15, 1902.

Application filed July 23, 1901. Serial No. 69,361. (No model.)

*To all whom it may concern:*

Be it known that I, NATHAN SCHWAB, of the city, county, and State of New York, have invented certain new and useful Improvements in Envelop-Moisteners, of which the following is a full, clear, and exact description.

My invention relates to improvements in envelop-moisteners; and the object of my invention is to produce a very cheap and simple device which can, if desired, be conveniently carried in the pocket, which will contain a charge of liquid, such as water, sufficient to last a long time, and which is always ready for use without any manipulation to prepare it.

Another object of my invention is to shape and construct the device so that the moistening-pad will sufficiently check a too-rapid flow of water, to adapt it also to fit nicely upon the gummed portion of an envelop, and, further, to produce a spring buffer and guide which will hold the free end of the pad in position for effective use and will compensate for any wear or shrinkage of the pad, so that the latter is always in usable shape until it is worn out.

It will be understood, however, that while this invention is particularly adapted for use in moistening the gum of envelops I do not restrict it to such use; but it can be used for any analogous purpose.

To these ends my invention consists of an envelop-moistener, the construction and arrangement of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar characters of reference refer to similar parts throughout the several views.

Figure 1 is a side elevation of my improved moistener, taken on a side to show the flattened end of the tube or barrel. Fig. 2 is a longitudinal cross-section of the device, and Fig. 3 is a detail perspective view of the spring buffer and guide.

The hollow barrel 10 is adapted to contain the charge of water, and it is preferably cylindrical in shape, of a size to be conveniently grasped and operated, and should be small enough to be carried without difficulty in the pocket. It can be made of any suitable material and is usually made of hard rubber.

At one end the tube or barrel 10 is flattened, as shown at 11; but this flattening of the barrel is not essential, and it can be made cylindrical or elliptical in cross-section, if preferred. The end of the tube just referred to carries the pad 12, which projects from the tube end and is of some fibrous or porous material through which water can percolate; but the material should be close enough to prevent the too-rapid flow of water.

It will be seen that the pad would be likely to become loose and leak unless some checking means were provided, and to this end I use the spring buffer and guide 13. This is in the form of a loop, as shown, and it has two free members 14, which are essentially parallel with each other and are reduced at their free ends, these members being made to spring apart by reason of their connection with the loop 13. It will be seen that when they are inserted in the end of the tube, between the pad and the wall of the tube, as best shown in Fig. 2, the members compress the pad, so that the water does not flow too rapidly through it. They also prevent it from getting loose, and at the same time the buffer or loop 13 forms a backing for the projecting portion of the pad and also acts as a guide to enable it to be run nicely along the end of any material to be moistened.

The upper end of the tube or barrel 10 is closed by a screw-cap 16, which can be removed when the barrel is to be filled.

From the foregoing description it will be seen that I provide a very simple and convenient moistener which is adapted to rapidly, easily, and neatly moisten envelops or other surfaces.

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

1. As an improved article of manufacture, an envelop-moistener comprising a hollow tube or barrel having a closure at one end, a pad held in the opposite end of the barrel and arranged to project therefrom, and a removable buffer or guide at the end of the barrel, the said guide having its outer portion formed into a loop and having a shank extending into the barrel between the pad and the wall of the barrel.

2. A device of the kind described, compris-



ing a hollow tube or barrel having a closure at one end, a porous pad held in the opposite end of the barrel so as to project therefrom, and a spring buffer or guide held in the  
5 end of the barrel next the pad, the said guide abutting with the pad where it projects from the barrel and having spring members extending into the barrel between the wall thereof and the pad.

10 3. The combination with the hollow tube or barrel, having a closure at one end, with a pad in the opposite end of the barrel, of a spring-buffer projecting from the padded end

of the barrel, the buffer having its outer portion made in the form of a loop, merging in 15 parallel spring members, the said members lying in the tube between the wall thereof and the pad.

In testimony whereof I have signed my name to this specification in the presence of 20 two subscribing witnesses.

NATHAN SCHWAB.

In presence of—

WARREN B. HUTCHINSON,  
WALTER S. ALLERTON.