

(No Model.)

W. R. COLE.

MACHINE FOR MOISTENING GUM ON STAMPS OR ENVELOPES.

No. 541,593.

Patented June 25, 1895.

Fig. 1.

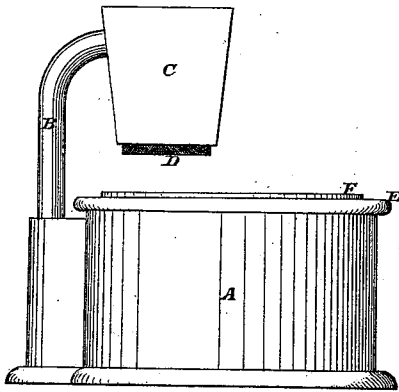


Fig. 2.

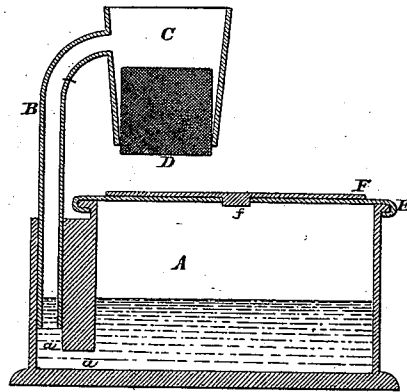


Fig. 3.

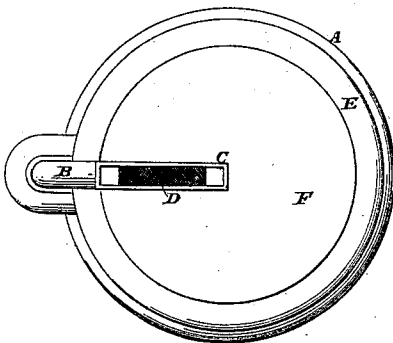
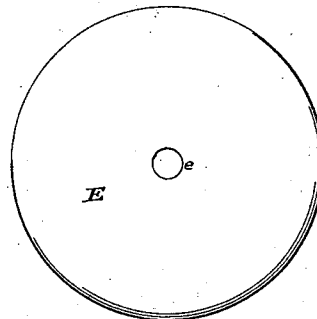


Fig. 4.



Witnesses.

William Vittinghoff
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UNITED STATES PATENT OFFICE.

WILLIAM R. COLE, OF POTTSVILLE, PENNSYLVANIA.

MACHINE FOR MOISTENING GUM ON STAMPS OR ENVELOPES.

SPECIFICATION forming part of Letters Patent No. 541,593, dated June 25, 1895.

Application filed August 28, 1894. Serial No. 521,572. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. COLE, of Pottsville, in the county of Schuylkill and State of Pennsylvania, have invented certain
5 Improvements in Machines for Moistening the Gum or Mucilage on Stamps, Envelopes, or other Gummed Paper, of which the following is a full, clear, and exact description.

My invention relates to machines for moistening the gum or mucilage on envelopes and stamps, similar in some respects to the stamp and envelope gum moistener for which Letters Patent No. 477,887 were granted me June 28, 1892. It differs, however, therefrom in not
15 being constructed with a spring plunger to force the moistening pad into the water cup, but is provided with a stationary pad and holder to which water is supplied from a base cup by pressure upon a rubber cap adjusted
20 to form an air tight covering of the said cup, and in the general arrangement and construction of its parts, whereby the device is rendered more compact, fewer parts are required to operate it, and the moistening pad is more
25 permanently supplied with water, and therefore performs its office with greater celerity and efficiency.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate
30 corresponding parts in all the figures.

Figure 1 is a longitudinal elevation of my improved stamp and envelope gum moistener, showing the same as it will appear from a side
35 view ready for operation. Fig. 2 is a sectional view showing the method of adjusting the moistening-pad, the rubber cover, and the felt or cloth disk to the water-cup. Fig. 3 is a top view; and Fig. 4 is a view of the upper
40 surface of the rubber cap, showing perforation in the center to permit the drip to run back into the cup.

"A" is a receptacle for water, provided with flanges projecting outwardly from the whole
45 of the upper rim and also a projecting attachment to one of its sides of a smaller diameter and elevation than the receptacle. This projection is provided with vertical and horizontal openings "a" "a," making a channel or
50 opening with the lower part of the receptacle.

"B" is a stem or tube supporting and opening into a cup-holder for the moistening pad

"C." The tube is of the same diameter as that of the upright channel "a" into which the lower end of the tube is secured. The
55 cup-holder at the opposite end is an open vessel, having its lower opening of smaller diameter than that of the upper, so as to readily secure the moistening pad "D" and hold it suspended over the receptacle.

"D" is a moistening pad of any absorbent material, suspended from the bottom of the cup-holder "C" by pressure of the flattened
60 sides of the holder "C."

"E" is a rubber cap, provided with a continuous overhanging flap or grip, and having
65 a perforation "e," (Fig. 4) in the center.

"F" is a disk of felt or cloth, having a plug "f" of the same material projected from its center, the plug being of the same diameter
70 as the perforation in the rubber cap.

The receptacle, having the pipe, cup-holder and pad secured into the upright channel of its projecting attachment, is supplied with water, the rubber cap drawn over and gripped
75 to the flanges of the receptacle, the felt disk is placed in position on the upper surface of the cap, with the plug "f" pressed through the perforation, and the device is ready for operation. To operate it pressure is exerted on the felt
80 disk covering the cap. The water will be forced through the channel openings and the tube into the cup holding the moistening pad which is quickly filled with water. This water
85 percolates through the moistening pad, keeping the pad always moistened and ready for use by the operator by passing the gummed flap of the envelope, or other substance to be
90 moistened, gently over its lower surface. The drip from the water passing over and through the moistener falls on the felt disk, and the superfluity passes through the felt and perforation in the rubber cap into the receptacle. The moistened felt disk over the cap may be
95 conveniently used for all purposes for which sponge cups are now used.

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

1. As an improved article of manufacture, 100 a receptacle for water, a stamp and envelope gum moistener, consisting of an overhanging moistening cup having a moistening pad suspended from its lower opening, and connected

by a tube to the receptacle, said receptacle being provided with a close fitting perforated rubber cap and overlying felt disk for forcing the water by pressure through openings to
5 the tube and thence to the moistening cup, all constructed and arranged as shown and described.

2. The combination with the receptacle "A" of the tube "B," terminating in the over-

hanging moistening cup "C" and moistener to "D" adjusted thereto, with the perforated rubber cap "E," and the felt disk "F," substantially as herein shown and described, and for the purpose set forth.

WILLIAM R. COLE.

Witnesses:

CHAS. H. WÖLTJEN,
ANNIE A. KELLY.