

C. F. PHILLIPS.
MUCILAGE RECEPTACLE.
APPLICATION FILED MAY 14, 1909.

947,347.

Patented Jan. 25, 1910.

Fig. 1.

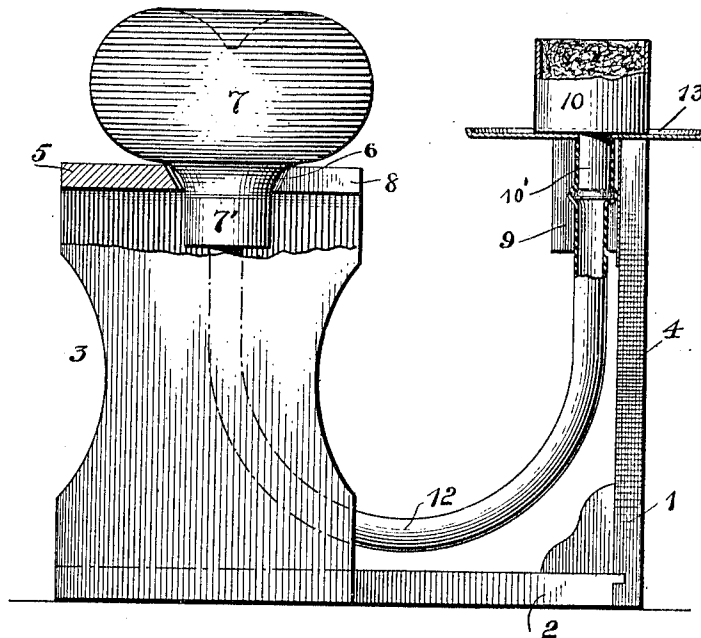
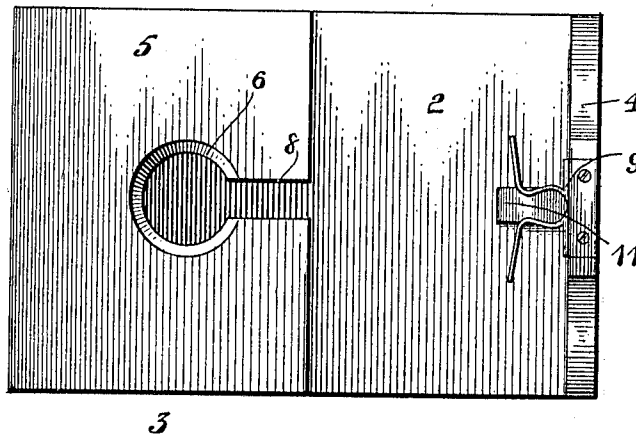


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES F. PHILLIPS, OF PROVIDENCE, RHODE ISLAND.

MUCILAGE-RECEPTACLE.

947,347.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed May 14, 1909. Serial No. 496,048.

To all whom it may concern:

Be it known that I, CHARLES F. PHILLIPS, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Mucilage-Receptacles, of which the following is a specification.

This invention relates to the class of mucilage receptacles, and more particularly pertains to receptacles from which the fluid is gradually fed to a feeding or gumming device.

The object of this invention is to produce such a device which will maintain a steady, uniform feed, and further to construct the receptacle and feeding device of as few and simple parts as is practicable with the assurance of the best results.

With these and other objects which will hereinafter appear, the invention will now be fully described, reference being had to the accompanying drawings, which form a part of this specification, and in which,

Figure 1 is a side elevation of the mucilage receptacle, and Fig. 2 is a top plan view of the stand upon which the device is supported.

Referring now more particularly to said drawings, in which like numerals represent like parts throughout, 1 is a stand comprising a base 2 and upright elements 3 and 4. Element 3 is a bridge comprising sides elevated on said base and joined at their upper ends by a cross piece 5. Said cross piece is provided with a central aperture 6, which is beveled in the present instance, to form a seat for the depending neck of the mucilage receptacle or reservoir 7. Joining preferably the inner edge of the cross piece 5 is a slot 8 whose function will hereinafter appear. Element 4 is a standard raised at one end of base 2 to a height slightly exceeding the height of bridge 3, and having a bifurcated spring clip 9 at its upper end to engage and hold the neck of a gumming member 10. While said spring clip is at present the preferred means of detachably holding said gumming member 10, it is possible to employ other equally serviceable holding devices. At its base, standard 4 is constructed the same width as said base 2, tapering toward its upper end, and has provided a brace 11 as an additional strengthening means. Said receptacle or reservoir 7 comprises a body of glass or any other suitable

material and having any suitable conformation, as round or oval. Formed at the lower side of said receptacle and depending therefrom is a neck 7' which is engaged in said aperture 6, and whose lower end is formed to receive a removable plug or stopper to which is secured the end of a tube 12, which may be of any suitable material, and may be rigid or flexible. Said gumming member 10 consists of a cup which is adapted to receive a sponge or other fibrous material which will take up or absorb the fluid fed thereto, and has a depending neck 10' to which the opposite end of said tube 12 is joined in any suitable manner. Secured to the bottom of said cup 10 or formed around the edge thereof is a flange drip plate or rim 13, which is adapted to catch any surplus mucilage which may drop from the sides of said cup.

From the above it is evident that the reservoir 7 is filled through the opening in the depressed top and that for the purpose of cleaning, where a flexible tube is used, the cup member can be readily removed from the spring clip and the reservoir from the bridge. After cleaning and replacing, all the parts will assume their proper position, the tube 12 passing through said slot and falling in its proper position. The mucilage being now free to flow, will fall gravitally in said tube and rise to a corresponding level in said cup, and become absorbed in the sponge contained therein. As long as any fluid is contained in the reservoir 7 the feed will be constant and regular. To gum or stamp envelopes or any article, it is passed over the top of said cup to engage said sponge, and takes therefrom merely enough mucilage to stick the article.

It is evident that the embodiment of my invention is not necessarily limited to the particular structure herein defined. It is furthermore evident that the device herein set forth, is a practicable, economical, and serviceable device of this character.

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

1. A mucilage feeding device, comprising in combination a reservoir having a depending neck, a bridge for supporting said reservoir and receiving said neck, a gumming receptacle having a sponge cup, and a depending neck, a standard having a spring clip for supporting said cup, and a

tube connecting said depending necks to feed mucilage from said reservoir to said cup.

2. The combination with a support having a standard, formed with an opening in the top thereof, of an inverted reservoir having its mouth removably inserted through said opening, a hollow member for applying the coating material, and a conduit communicating directly at one end with said reservoir mouth, and at the other end with the interior of said applying member.

3. The combination with a support having a standard formed at its top with an opening, and a slot leading thereinto, of an inverted reservoir having its mouth removably inserted through said opening, a hollow member for applying the coating material, and a conduit connected at one end to said receptacle mouth, and at the opposite end to said applying member, a portion of said conduit lying in said slot.

4. The combination with a support hav-

ing a pair of spaced standards, one of which is formed at its top with an opening, of an inverted reservoir having its mouth removably fitted in said opening, a member for applying the coating removably attached to the other standard, and a conduit connected at one end to said reservoir mouth and at the other end to said applying member.

5. The combination with a support, of a liquid coating device mounted thereupon and arranged for bodily removal therefrom, said device comprising a receptacle, an applying member, and a conduit positively connected at its ends to said receptacle and member.

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

CHARLES F. PHILLIPS.

Witnesses:

ADA E. HAGERTY,
J. A. MILLER.