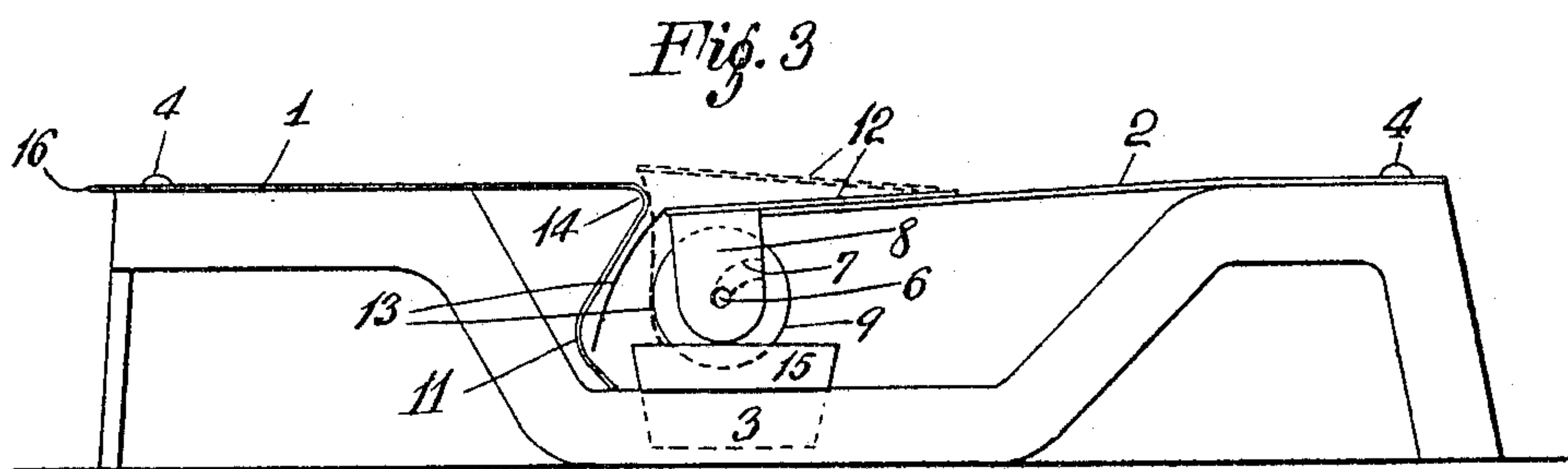
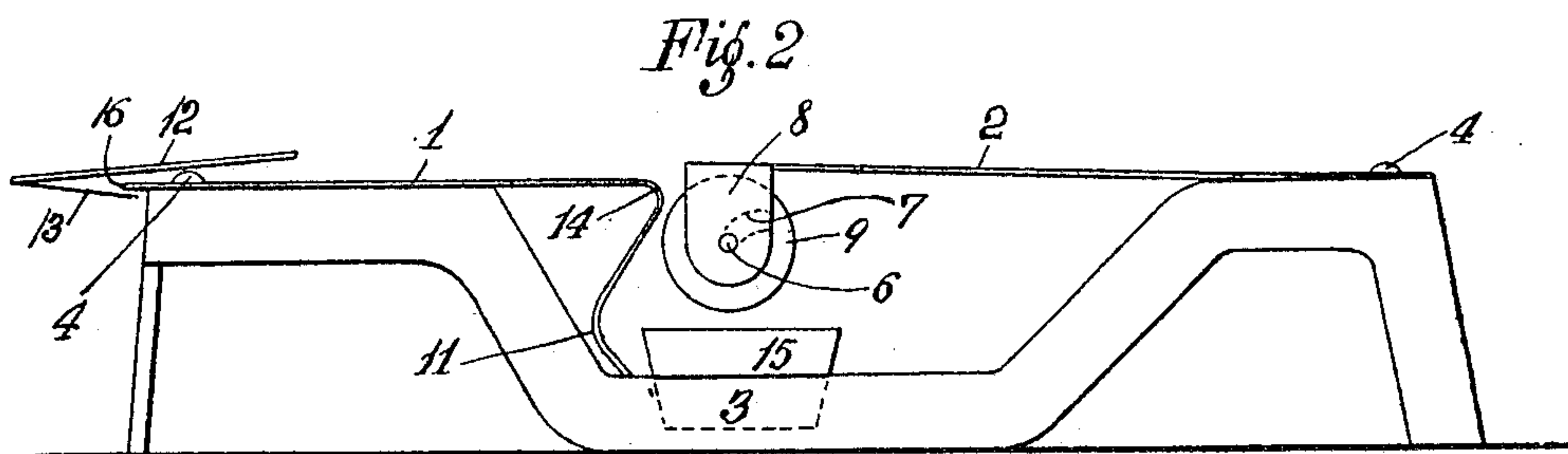
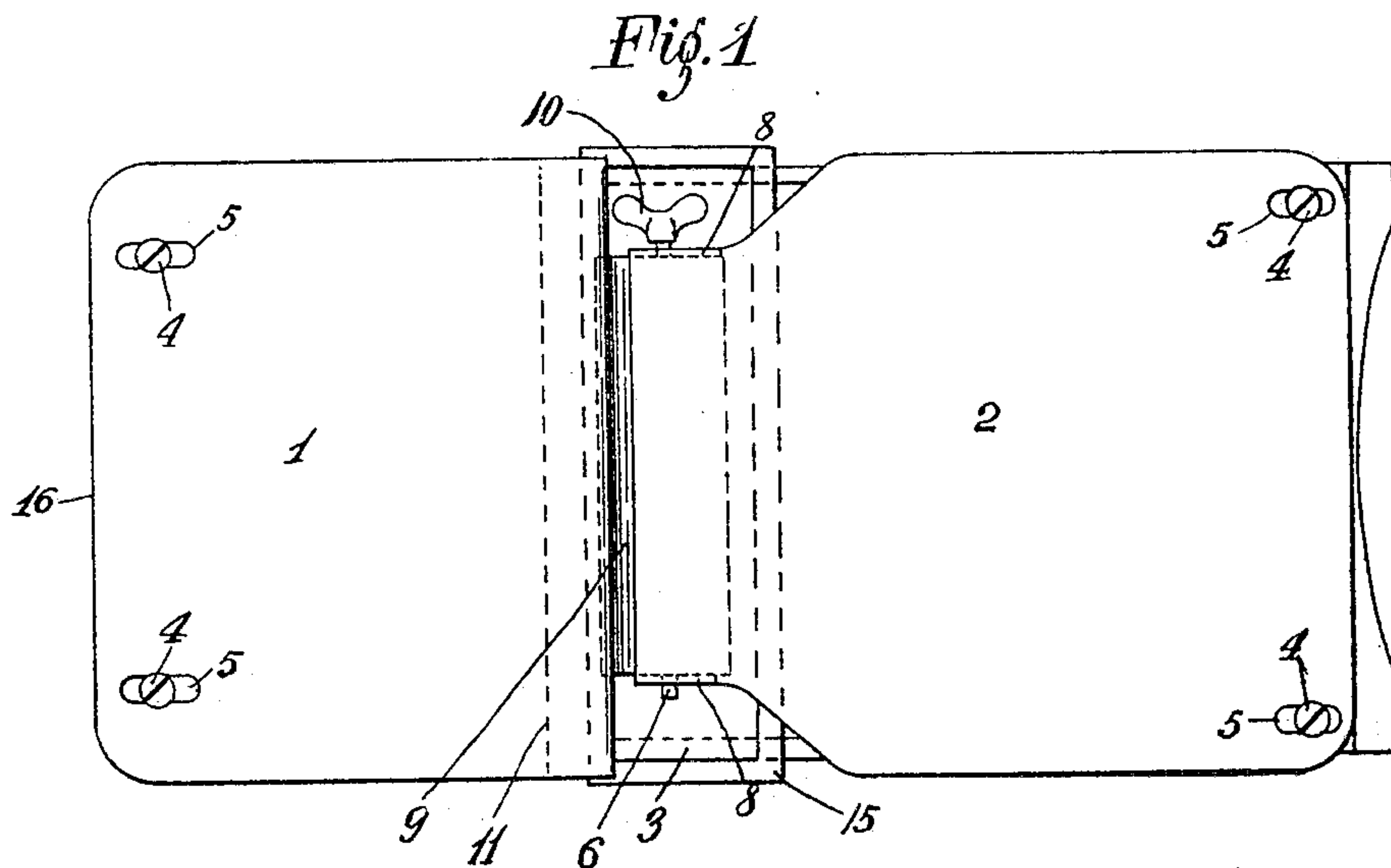


No. 801,625.

PATENTED OCT. 10, 1905.

J. T. WISNER.
MOISTENER AND SEALER OF ENVELOPS, WRAPPERS, &c.
APPLICATION FILED APR. 14, 1905.



Witnesses
Edw. H. Hughes
Kathryn A. Smith

James Thompson Wisner, Inventor
By his Attorney
Abulb Aubrey

UNITED STATES PATENT OFFICE.

JAMES T. WISNER, OF NEW YORK, N. Y.

MOISTENER AND SEALER OF ENVELOPS, WRAPPERS, &c.

No. 801,625.

Specification of Letters Patent.

Patented Oct. 10, 1905.

Application filed April 14, 1905. Serial No. 255,666.

To all whom it may concern:

Be it known that I, JAMES T. WISNER, a citizen of the United States, residing in the city of New York, county of New York, State of New York, have invented a certain new and useful Moistener and Sealer of Envelops, Wrappers, &c.; 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.

The present invention relates to means for opening the flaps of envelops and similar wrappers, moistening the adhesive material thereon, and sealing such envelop or wrapper.

The object of the invention is to produce a simple device of this character which may readily be dismembered for the replacement of parts, may be cheaply produced, and is reliable and effective in operation.

In substance the invention includes juxtaposed plates, with which a moistening medium is associated, said plates being so mounted that one of the same will have a resilient action.

The accompanying drawings illustrate one embodiment of my invention.

Figure 1 is a top plan view of the device. Fig. 2 is a side elevational view thereof, illustrating the method of opening the envelop-flap; and Fig. 3 is a view similar to Fig. 2, showing the manner in which the adhesive material on the envelop-flap is moistened.

In the drawings, 3 represents a suitable frame upon which plates 1 and 2 are mounted, preferably by means of screws or the like 4 passing through elongated slots 5 in each plate, whereby the longitudinal adjustment of the plates relatively to each other on the frame 3 is made possible.

One of the plates—that designated as 2 in the drawings and for convenience of description referred to hereinafter as the “moistener-plate”—is so mounted on the frame 3 as to have a resilient action and by slight pressure may be easily depressed below the plane of the other plate. At the free end of the plate 2 ears 8 are provided, in which a rod 6, carrying the moistener 9 and having a thumb-screw 10 at one end, is removably inserted. For the purpose of facilitating the removal of the moistener 9 from the ears 8 I provide one of the latter with a bore and the other with a slot 7, (shown in dotted lines in Figs. 2 and 3,) through which the rod 6 may be lifted out. Resting upon the frame 3 and below the mois-

tener 9 is a vessel 15, which contains the moistening fluid.

The plate 1, which will be designated as the “sealing-plate,” is arranged in the path of the plate 2 and has, preferably, one edge 16 extending laterally beyond the frame 3 and its other end formed into a flap-deflector, which may advantageously be substantially S-shaped, although not necessarily so. The lower edge of the deflector may extend to and rest upon the frame 3, as shown in Figs. 2 and 3.

Assuming that an envelop is to be sealed, the operation of the invention is as follows: The operator draws the envelop over edge 16 of plate 1, opening out the flap 13. The envelop in one continuous operation is then drawn farther back on plate 2 (which is depressed by the weight of the operator's hand) and is moved forward in the direction of plate 1, where the flap 13 strikes the convex surface 14 and is directed downwardly against the concave surface 11, at which point the envelop-flap is deflected against the moistener 9 and the adhesive material on the flap comes into contact with moistener 9, and is thus moistened. The pressure upon plate 2 being released, the latter returns to its initial position; drawing the envelop upward and causing the moistener to press against the flap, and the envelop is then moved forward onto plate 1, where the flap is pressed against the body and the sealing operation completed.

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

1. In a device of the character described, the combination of a sealing-plate and a moistener-plate, each longitudinally adjustable relatively to the other, and a moistening medium associated with said plates, substantially as described.

2. In a device of the character described, the combination of a sealing-plate and a resilient moistener-plate carrying a moistening medium, each said plate being longitudinally adjustable relatively to the other, substantially as described.

3. In a device of the character described, the combination of a sealing-plate provided with a flap-deflector having a concave and convex surface, a moistener-plate, and a moistening medium associated with said plates, substantially as described.

4. In a device of the character described, the combination of a sealing-plate having a

lateral projection at one end and a deflector at the opposite end, a moistener-plate in juxtaposition to said sealing-plate and a moistening medium associated with said plates, substantially as described.

5 5. In a device of the character described, the combination of a frame carrying a sealing-plate having a lateral projection at one end and a deflector at the other end, a resilient moistener-plate provided with a moistening medium below the plane of the sealing-plate, and a fluid vessel resting upon the frame below the moistening medium substantially as described.

15 6. In a device of the character described, the combination of a sealing-plate and a resilient moistener-plate, both longitudinally adjustable, and a moistening medium associated with said plates, substantially as described.

20 7. In a device of the character described, the combination of a sealing-plate having a flap-deflector and a resilient moistener-plate associated with said sealing-plate, both said

plates being longitudinally adjustable, substantially as described. 25

8. In a device of the character described, the combination of a sealing-plate provided with a depending flap-deflector, and a resilient moistener-plate, both said plates being longitudinally adjustable, substantially as described. 30

9. In a device of the character described, the combination of a longitudinally-adjustable sealing-plate having a lateral projection at one end, and a deflector provided with a concave and a convex surface at the other end, a longitudinally-adjustable moistener-plate, and a moistening medium associated with said plates, substantially as described. 35

In testimony whereof I have fixed my signature in presence of two witnesses. 40

JAMES T. WISNER.

Witnesses:

BEATRICE E. STEVENS,
D. C. MONROE.