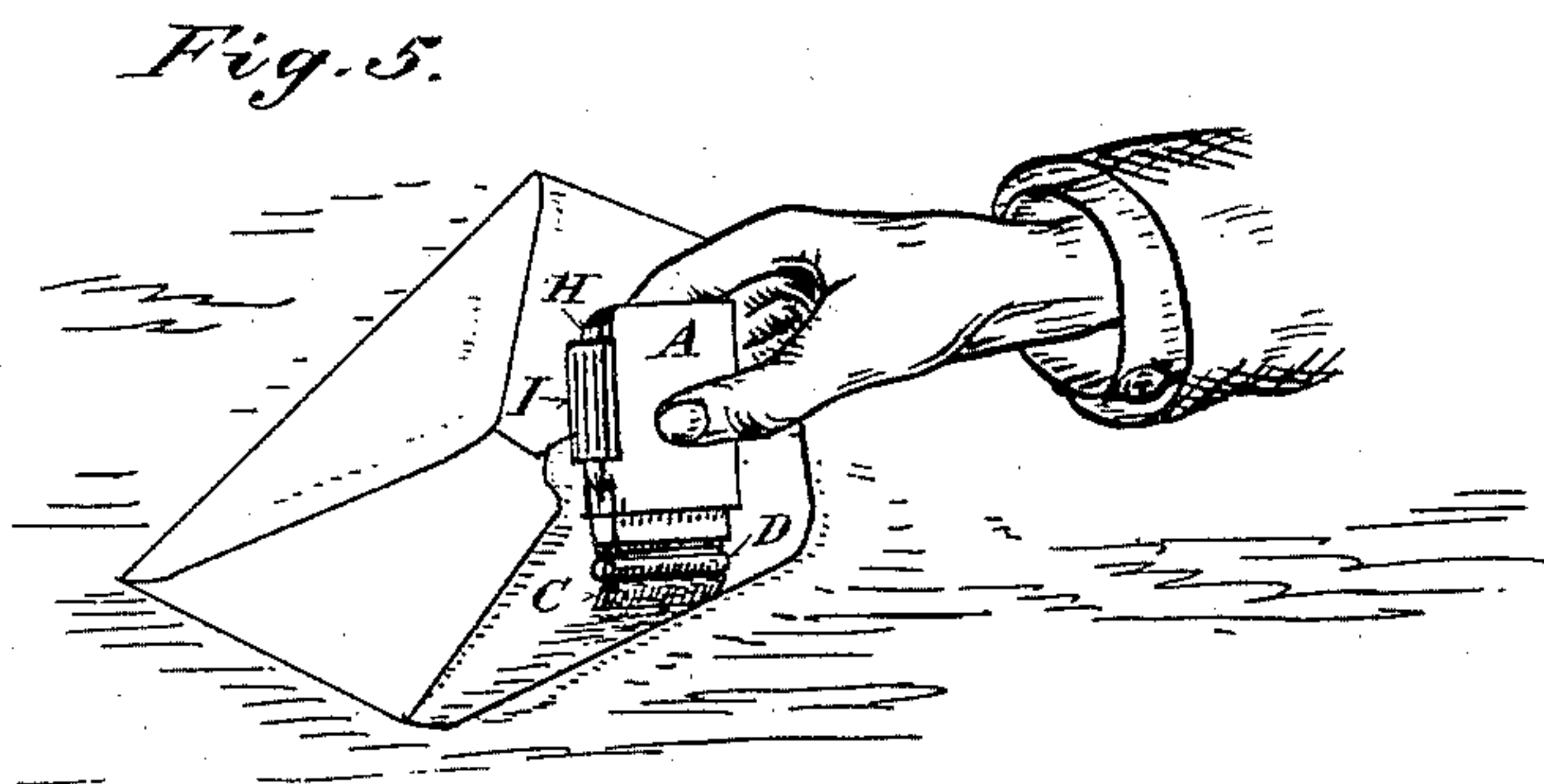
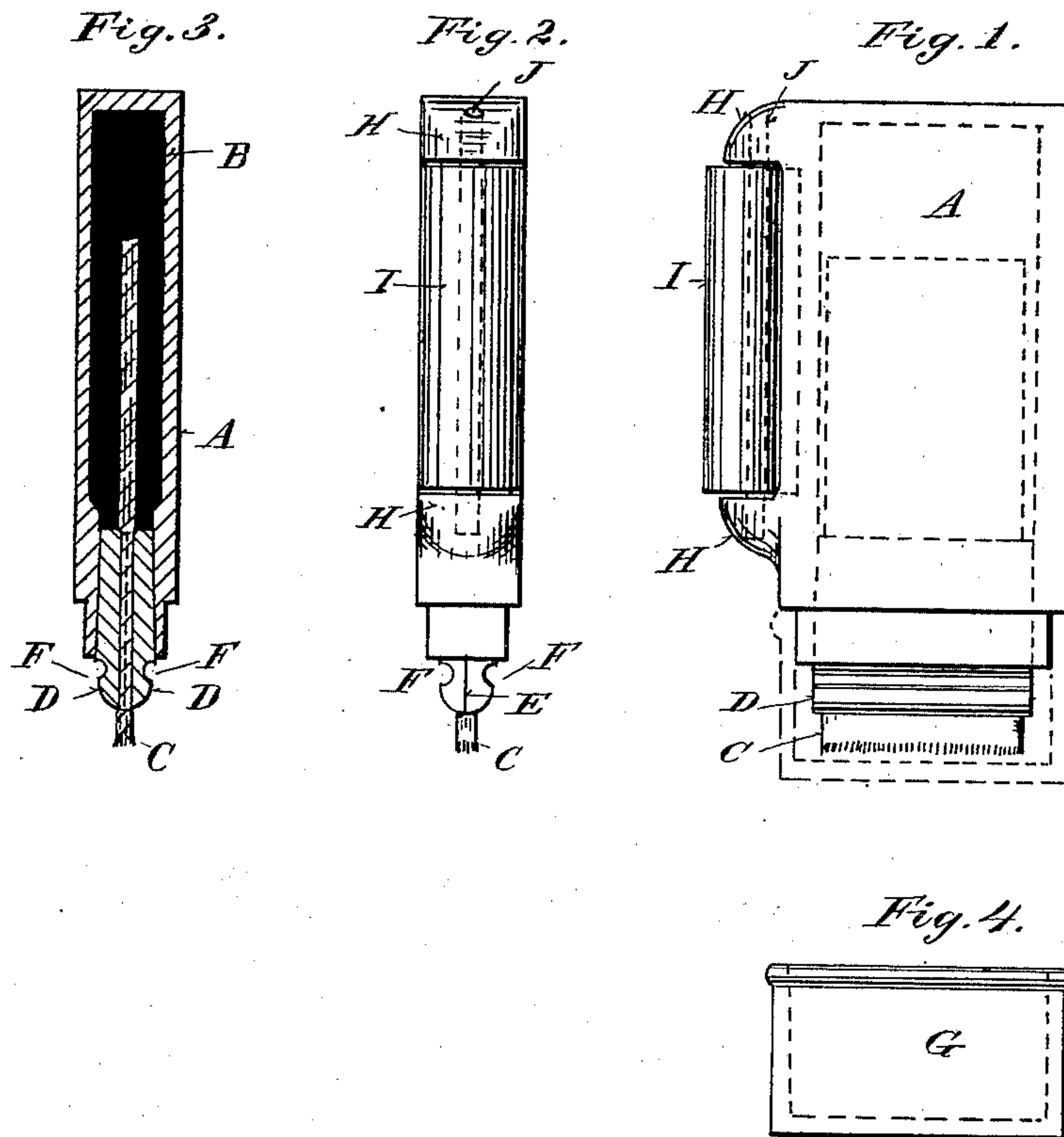


(No Model.)

M. H. WATSON.
ENVELOPE SEALER.

No. 431,091.

Patented July 1, 1890.



WITNESSES

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Warren Hill.

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UNITED STATES PATENT OFFICE.

MONTGOMERY H. WATSON, OF DAYTON, OHIO.

ENVELOPE-SEALER.

SPECIFICATION forming part of Letters Patent No. 431,091, dated July 1, 1890.

Application filed April 12, 1890. Serial No. 347,698. (No model.)

To all whom it may concern:

Be it known that I, MONTGOMERY H. WATSON, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Envelope-Sealers, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to a certain new and useful article of manufacture, consisting, essentially, of a case having an inclosed receptacle for liquids, a liquid-conductor for conveying said liquid to the outside of said case
15 in suitable quantities for use, a protector therefor adapted to act as a sealer proper after the envelope has been moistened by the said liquid, whereby a safety pocket device is formed, adapted to be used as a combination
20 moistener and sealer proper.

In the accompanying drawings, forming a part of this specification, and on which like reference-letters indicate corresponding parts, Figure 1 represents a side view of my device
25 with the protector removed from the end thereof and its adjusted position indicated in dotted lines. Fig. 2 is an edge view of my device; Fig. 3, a longitudinal sectional view on the center of Fig. 1; Fig. 4, the protecting-
30 cover of the moistener, and Fig. 5 a perspective view showing the manner of using my device.

The letter A designates a case composed of any suitable material that is water-tight and
35 sufficiently rigid, and having an interior receptacle B, in which liquid is contained, and a liquid-conductor C, preferably composed of some fibrous material adapted to convey the liquid to the outside of the case in suitable
40 quantities for use. This conductor is held in its adjusted position by the wedge-shaped pieces D D on either side thereof, which enter the orifice of the liquid-receptacle, and are adapted to hold the said liquid-conductor
45 in its adjusted position by means of slots or grooves on the inner faces of said pieces. The said orifice is adapted to hold said pieces preferably by frictional contact, and yet allow them to be readily removed therefrom when
50 it is wished to fill the receptacle with liquid or adjust the liquid-conductor. The grooves or projections, as shown at F, assist in this

adjustment, and the wedge-shaped pieces preferably have a substantially tight joint on the connecting-edges, as shown in Fig. 2 55 at E, whereby, when adjusted in the orifice of said case, no liquid therefrom can exude except by means of the liquid-conductor. The outer end of said conductor, which serves as a moistener, is preferably protected by a cover 60 G, (shown in Fig. 4,) which slidably fits over that portion of the case, thus allowing it to be safely carried in the pocket and keeping the outer end from drying or becoming soiled by dirt and dust. This arrangement forms 65 the moistener part of my device, and I will now describe the anti-frictional sealing attachment proper, which is used therewith.

Lugs H preferably extend from the edge of said case A and carry a roller I, conveniently 70 mounted thereon by means of a pin J and formed of any suitable substance, but preferably of a yielding nature. If desired, the material may also be of an absorbent nature to take up the excess of moisture or liquid 75 resulting from the application of the moistener to the sealing-surface. It will be observed that the roller I is conveniently placed so as not to interfere with the use of the device as a moistener, as indicated in Fig. 5, 80 and yet it may be readily applied to the moistened surface to seal it in its adjusted position by turning the device in the hand. Thus it will be seen that by my new and useful device the envelope or other article may 85 be quickly and neatly moistened and sealed without touching the surface with the hand and coming in contact with the superfluous liquid therefrom.

While I have described my device as an 90 envelope sealer and moistener, I do not wish to limit it to this particular construction and use, for it will be readily seen that by filling the liquid-receptacle with mucilage, for instance, instead of water it may be used on 95 wrappers or other material not already prepared with the gummed surfaces, and because of the protecting-cover G the discharge end will preserve its moistened condition uncontaminated from dirt or dust, and the device may also be carried safely in the pocket for convenient and constant use. Also, by the use of the particular form of sealer as described above, the envelope is sealed in a 100

neater manner without scoring or creasing it, as will frequently happen from other sealing means that are not anti-frictional. This adds to the appearance of the sealed envelope, as well as to the neatness and pleasure of the person using it.

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, an envelope-sealer consisting of an inclosed receptacle for liquid, a liquid-conductor to supply it in suitable quantity to the exterior for usage, and an anti-friction attachment to press the moistened surface into its adjusted position.

2. As an improved article of manufacture, an inclosed receptacle for liquid, a fibrous material for conducting the liquid to the outside in suitable quantity, and forming a brush, wedge-shaped means for securing said fibrous material in its adjusted position, and an anti-frictional roller for pressing the moistened material into its desired position.

3. As an improved article of manufacture, an envelope-sealer consisting of an inclosed receptacle having a wedge-shaped orifice, a liquid-conducting material extending outside of said receptacle, a wedge or wedges having a groove or projection to enable ready adjustment and adapted to hold said conducting material and to fit snugly in said orifice, and an anti-frictional roller to act as a sealer proper after the envelope is moistened from said liquid-receptacle.

4. As an improved article of manufacture, an envelope-sealer consisting of a case having an inclosed liquid-receptacle, means to conduct said liquid to the moistening end, a cover for said end, and anti-frictional means to act as a sealer proper after the envelope is moistened by the said end.

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

MONTGOMERY H. WATSON.

Witnesses:

JOHN L. H. FRANK,
H. M. YERGER.