

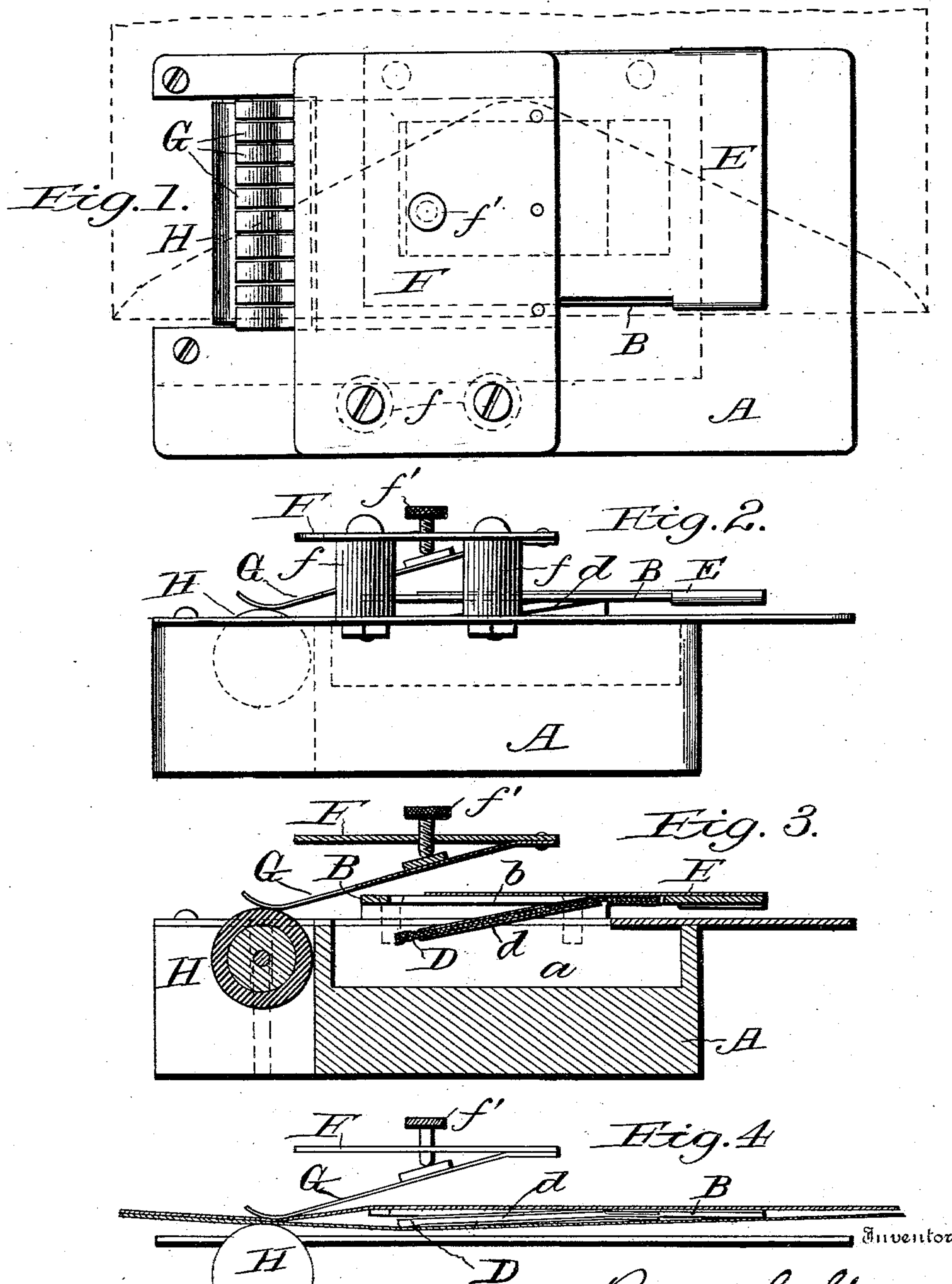
No. 743,667.

PATENTED NOV. 10, 1903.

R. H. STRONG.
ENVELOP MOISTENER AND SEALER.

APPLICATION FILED AUG. 4, 1903.

NO MODEL.



Witnesses

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ROBERT H. STRONG, OF GALESBURG, ILLINOIS.

ENVELOP MOISTENER AND SEALER.

SPECIFICATION forming part of Letters Patent No. 743,667, dated November 10, 1903.

Application filed August 4, 1903. Serial No. 168,142. (No model.)

To all whom it may concern:

Be it known that I, ROBERT H. STRONG, of Galesburg, in the county of Knox and State of Illinois, have invented certain new and useful Improvements in Envelop Moisteners and Sealers, of which the following is a specification.

The object of the invention is to provide a simple and effective article of desk-furniture which is so constructed that by properly placing the flap of an envelop therein and moving the envelop in a direct line the gum on the flap will be moistened, after which the flap is pressed against the rear fold of the envelop, so as to effectively seal the same.

In the accompanying drawings, Figure 1 is a plan view of an envelop moistener and sealer made in accordance with my invention. Fig. 2 is a side elevation; Fig. 3, a sectional view, and Fig. 4 a diagrammatical view, showing the moistener between the flap and rear face of the envelop.

A refers to a suitably-constructed base which has therein a water-chamber *a*, and supported along the front edge of the base, so as to be raised slightly therefrom, is a plate B, having therethrough a longitudinal opening *b*. The plate B carries a swinging or movable moistening-pad D, consisting, preferably, of a flat metallic tube, from the end of which projects a piece of rigid wick-casing *d*, through which is passed the wick or pad D. The wick or pad is attached at one end to the plate B to provide a swinging connection or hinge, which permits the pad swinging into the water-chamber. The end of the wick farthest from the end attached to the plate projects from the casing *d*, and when the casing and wick are raised by an envelop the projecting end of the wick contacts with the gummed portion of the flap.

In practice I prefer to cover the major portion of the upper face of the plate B and the

principal part of the opening therethrough with a plate E, such plate being used to cover the opening and exclude dust therefrom.

At a considerable distance to one side of the plate B are two upwardly-projecting studs *f f*, which maintain a plate F horizontally above the base, and to this plate are secured a number of pressing-fingers G, the tension of which may be regulated by a set-screw *f'*. The fingers bear upon a roller H, and after the flap of the envelop has been moistened the sealing is effected by the envelop being passed under the spring presser-fingers and over the roller.

In use an envelop is placed so that its flap will overlie the top plate E of the frame and enter the way formed between the plate B and the base A, and as the envelop is moved toward the roller and presser-fingers the moistener or pad D will be raised from the water-tank and brought in contact with the gummed surface of the flap, and when the envelop is drawn beyond the moistener it automatically returns to place in the water-chamber.

Having thus described my invention, it is obvious that many slight modifications may be made.

I claim—

An envelop moistener and sealer consisting of a base having therein a water-receptacle and to one side of the receptacle a roll, a wick-carrying frame maintained to be swung on its support in and out of the water-receptacle, and spring presser-bars which have a spring movement toward the roll, substantially as shown.

In testimony whereof I have hereunto signed my name in the presence of two witnesses.

ROBERT H. STRONG.

Witnesses:

W. H. FOSTER,
J. H. WEEKS.