

A. LINDAHL.
SEALING APPARATUS.
APPLICATION FILED OCT. 9, 1919.

1,346,902.

Patented July 20, 1920.

Fig. 1

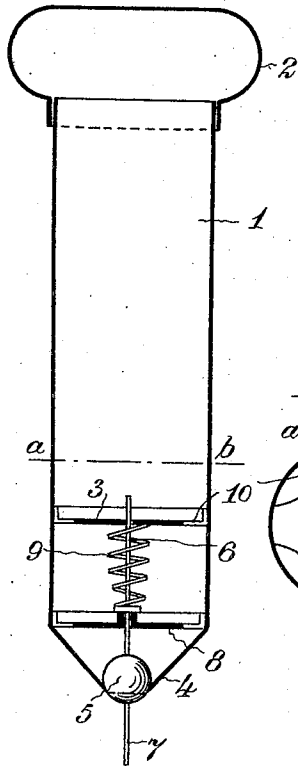


Fig. 3

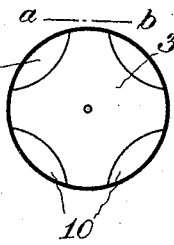
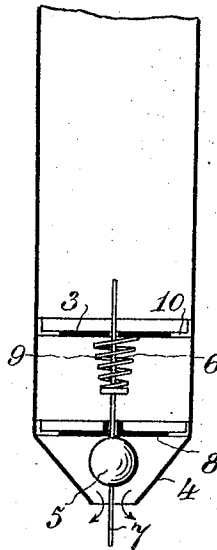


Fig. 2



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by *[Signature]*
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UNITED STATES PATENT OFFICE.

ANDERS LINDAHL, OF HÄSSLEHOLM, SWEDEN.

SEALING APPARATUS.

1,346,902.

Specification of Letters Patent.

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Application filed October 9, 1919. Serial No. 329,546.

To all whom it may concern:

Be it known that I, ANDERS LINDAHL, a citizen of Sweden, residing at Hässleholm, Sweden, have invented a new and useful Improvement in Sealing Apparatus, of which the following is a specification.

The invention relates to an apparatus for melting and feeding of sealing-wax and similar substances contained in a receptacle and intended to be fed in certain small quantities, as for instance for sealing of envelopes and the like by means of sealing-wax. In an apparatus of this type already known the feed opening is opened and closed by means of a valve that is manually operated, and in this case the operator must be especially attentive and watchful so that the valve is closed before or at the same time as the apparatus is removed from the paper, as otherwise the sealing-wax or the melted substance contained in the apparatus flows over adjacent objects and partly spoils them and partly is wasted unnecessarily.

These disadvantages are done away with by the present invention which is illustrated in the accompanying drawing. Figure 1 shows a longitudinal section of the apparatus closed, and Fig. 2 shows the same opened. Fig. 3 is a cross-section on the line 3—3 in Fig. 1.

The apparatus consists mainly of a pipe 1 of a suitable cross-section containing a stick of sealing-wax or the like. The pipe 1 is closed in one end by means of a cover 2, and the stick of sealing-wax rests against a plate or sheet 3 fastened in the pipe at a distance from the end of the pipe opposite the cover. The pipe 1 is at its end provided with a conical or taper part 4 having an appropriately central outlet opening which, when the apparatus is not used, is closed by means of a ball 5 provided with two pins 6 and 7 extending from the same and placed opposite to each other. One of the pins 7 projects through the opening, and the other one 6

passes freely through guide holes centrally arranged in the plate 3 and in a similar plate 8 placed nearer to the outlet. One end of a spring 9 is fastened to the pin 6, and the other end of this spring rests against the plate 3. The spring tends always to press the ball 5 against the outlet opening to keep this closed. The plates 3 and 8 are, at the circumference, provided with notches 10, through which the melted material can flow into the funnel shaped part 4.

When the pin 7 is carried against the place where the sealing-wax is to be spread, the ball 5 is automatically opened against the pressure of the spring 9 so that the sealing-wax can flow out in a required quantity, whereafter the outlet again is closed automatically by the spring 9, when the apparatus is lifted, *i. e.* when the pressure against the pin 7 ceases. The plate 8 nearest to the valve opening forms a stop for the ball and limits its opening movement.

I claim as my invention:

A sealing wax applying device comprising a pipe section having a restricted outlet, a plate arranged transversely the pipe section to provide a support for a stick of sealing wax, a valve for closing said outlet, said valve having a stem projecting through and beyond the outlet in one direction and through said plate in the opposite direction, a spring for maintaining the valve normally seated, and a second plate arranged transversely the pipe section between the first mentioned plate and outlet, said second plate serving to limit the opening movement of the valve.

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

ANDERS LINDAHL.

Witnesses:

TH. BRAUZELL,
GUNHILD PETERSSON.