

No. 811,478.

PATENTED JAN. 30, 1906.

E. S. BUCKLAND.
ENVELOP MOISTENER.
APPLICATION FILED NOV. 1, 1904.

2 SHEETS—SHEET 1.

Fig. 1.

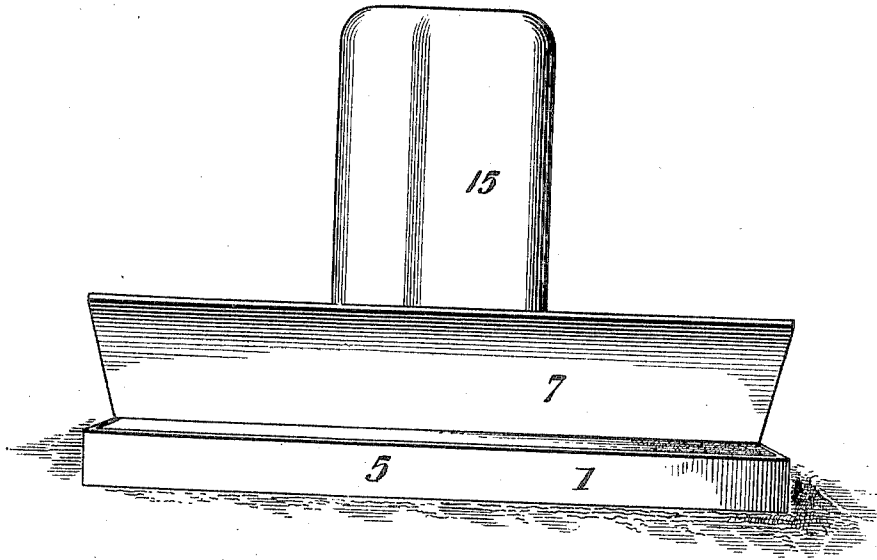
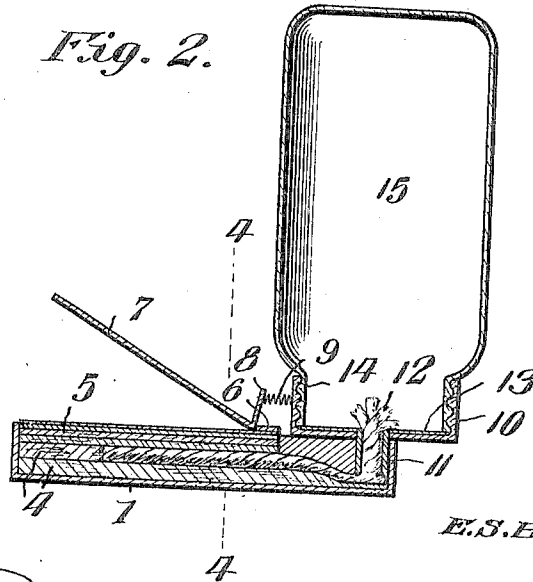


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

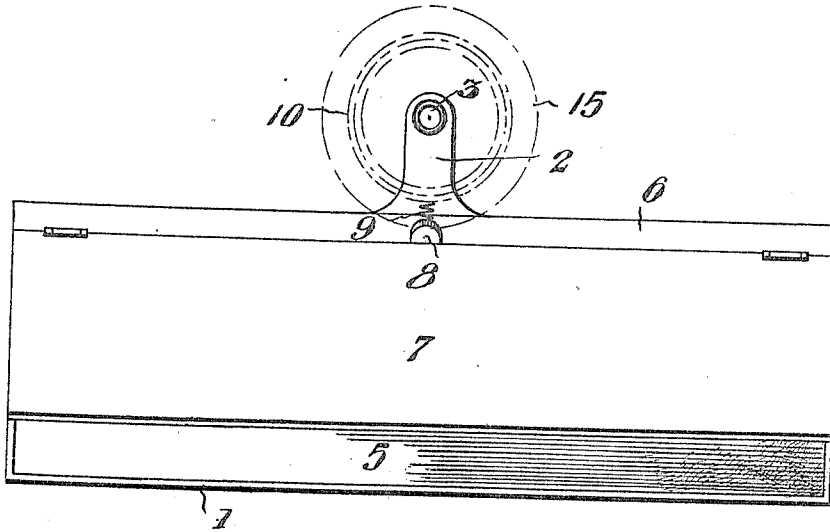
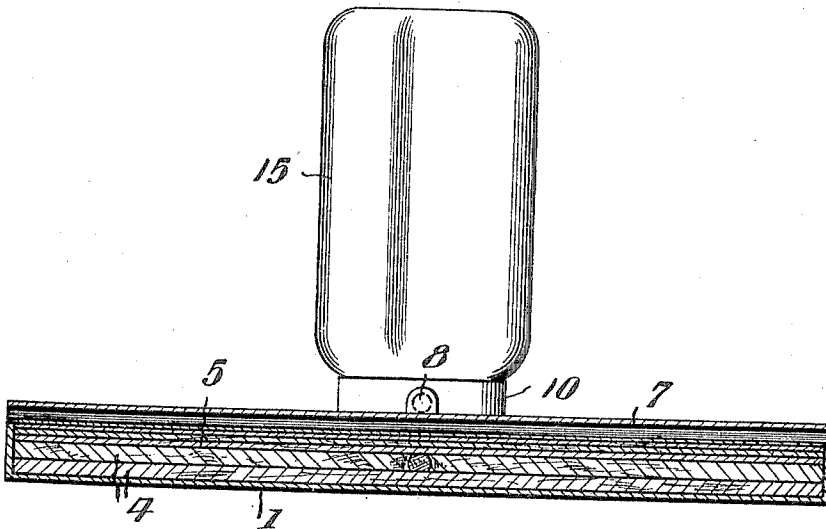


Fig. 4.



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UNITED STATES PATENT OFFICE.

EDWARD SELDON BUCKLAND, OF BINGHAMTON, NEW YORK, ASSIGNOR
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ENVELOP-MOISTENER.

No. 811,478.

Specification of Letters Patent.

Patented Jan. 30, 1906.

Application filed November 1, 1904. Serial No. 230,970.

To all whom it may concern:

Be it known that I, EDWARD SELDON BUCKLAND, a citizen of the United States, residing at Binghamton, in the county of Broome and State of New York, have invented new and useful Improvements in Envelop-Moisteners, of which the following is a specification.

My invention relates to new and useful improvements in envelop-moisteners; and its object is to provide a simple and compact device of this character having a detachable tank for supplying moisture to a suitably-disposed pad having a spring-supported cover or platen.

With the above and other objects in view the invention consists of a pad having an extension at the rear edge adapted to receive a tubular projection upon a cap. A receptacle is adapted to be inverted and the neck thereof fastened within the cap, and a wick is arranged in the tubular extension and projects into the pad and is adapted to supply liquid to said pad from the receptacle by capillary attraction. A spring-supported cover is arranged above the pad and is adapted to press the flap of an envelop thereupon.

The invention also consists of the further novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a front perspective view of the device. Fig. 2 is a central vertical section therethrough. Fig. 3 is a top plan view with the receptacle and its holder shown by dotted lines; and Fig. 4 is a section on line 4 4, Fig. 2.

Referring to the figures by numerals of reference, 1 is a tray-like casing having an extension 2 at the rear thereof which is closed at the top except where an opening 3 is provided at the rear end of the extension. Layers 4, of felt or similar material, are arranged within the tray and are covered by a suitable number of layers 5, of blotting-paper or like material. A strip 6 extends across the top of tray 1, at the rear thereof, and hinged thereto is a cover 7, having an arm 8 extending upward from its rear edge. This arm is connected, by means of a coiled spring 9, with a holder 10 in the form of a cylindrical socket, which is internally screw-threaded and which is provided with a centrally-arranged outlet-tube 11, which is detachably fitted within

the aperture 3. A wick 12, constituting a duct, extends through tube 11 and the extension 2, and one of its ends is in position between the pads 4 and 5. A disk 13, of felt or other suitable packing material, is arranged upon the inner face of socket 10, so as to form an air and water tight connection when the threaded neck 14 of a receptacle 15 is screwed into the socket.

In using this moistener the receptacle 15 is unscrewed from socket 10 and is placed with its neck up, so as to permit water or other moistening liquid to be placed therein. The tray 1 is then inverted and the socket 10 placed over neck 14 and screwed thereon. The moistener is then placed in the position shown in Figs. 1 and 2, with the receptacle 15 inverted. Liquid will be conducted from this receptacle to the pads within tray 1 by wick 12, and therefore said pads will be kept moist at all times. An envelop can be moistened by placing the gummed face of its flap upon the upper pad 5 in tray 1 and pressing cover 7 downward thereupon. The combined cover and presser-plate will be returned to its normal position by spring 9 after pressure has been removed therefrom. By extending the tube 11 downward into the tray 1 the flow of liquid from font or receptacle 15 when said liquid rises to or above the level of the lower end of tube 11 is stopped. Overflowing or flooding of the tray is thus prevented. It will be seen that the device is very simple, compact, and inexpensive in construction and will form an attractive article upon any desk.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

Having thus described the invention, what is claimed as new is—

1. The combination with a tray having absorbent material therein, of a hollow extension to the tray having an opening in its top; a holder upon the extension, a tubular outlet to the holder and projecting into the opening, a wick within the outlet and projecting through the extension into the tray, and a liquid-font upon the holder.

2. The combination with a tray having absorbent material therein, of a spring-supported cover above the tray and normally raised therefrom; of a receptacle, a tubular outlet therefrom projecting downward into the tray, and a wick within the outlet-tube extending into the tray.

3. The combination with a tray having an absorbent therein, of a spring-supported cover upon the tray, a tubular extension to the tray having an opening in the top thereof; a holder connected with the extension, a tubular outlet for the holder projecting into the extension, a wick extending through the outlet and extension into the tray, and a receptacle detachably secured within and opening into the holder.

4. The combination with a tray having absorbent material therein, of a hollow extension to the tray having an opening in its top, a holder connected with the extension and having a tubular outlet loosely seated in said opening, a wick arranged in the outlet and extending into the tray, a receptacle detachably connected with and opening into the holder, a closure hinged upon the tray and having an arm, and a spring connecting the arm with the holder.

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

EDWARD SELDON BUCKLAND.

Witnesses:

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HALBERT A. LACEY.