A. BUSHNELL, JR.

ENVELOP.

APPLICATION FILED JULY 6, 1916.

1,234,867.

Patented July 31, 1917.

2 SHEETS—SHEET 1.

Fig. 1.

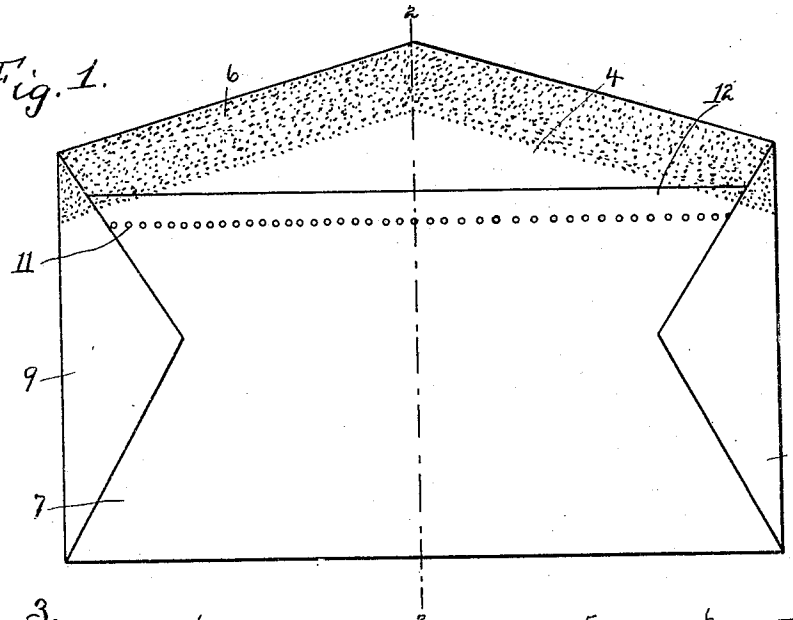


Fig. 2.

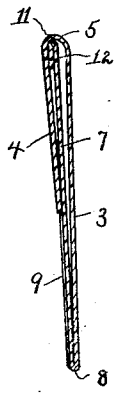


Fig. 3.

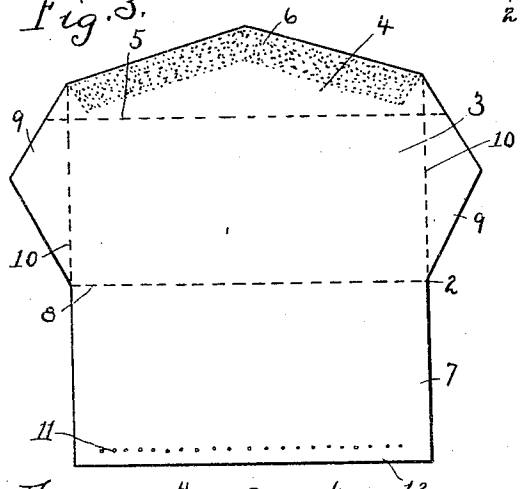


Fig. 4.

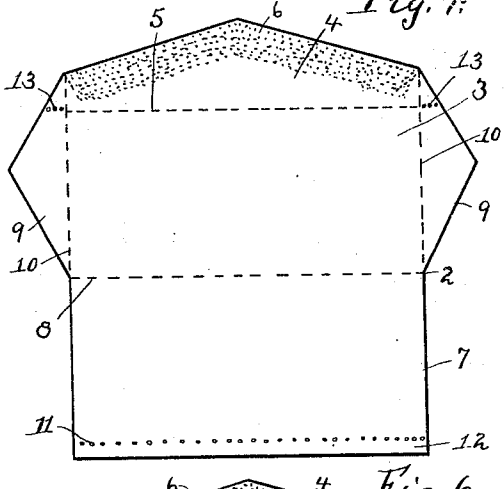


Fig. 5.

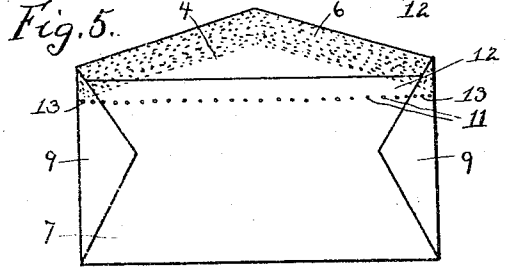
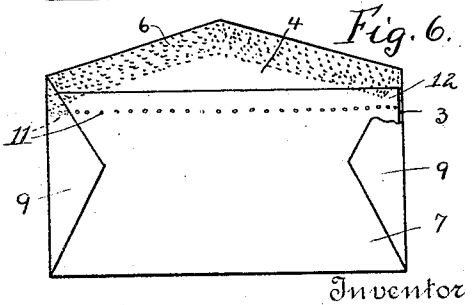


Fig. 6.



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2 SHEETS—SHEET 2.

Fig. 7.

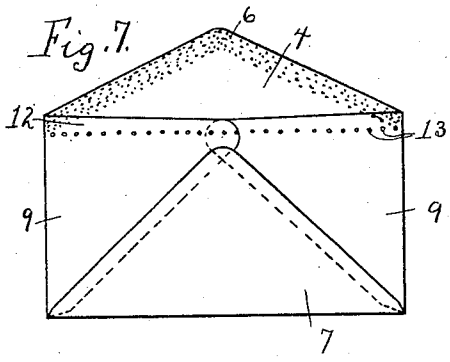


Fig. 8.

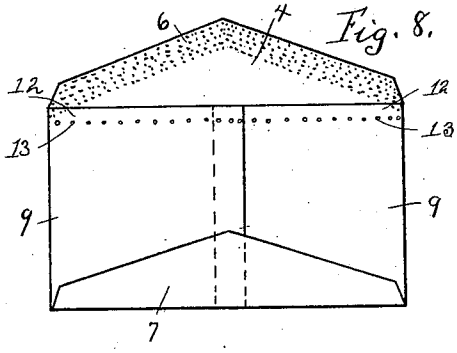


Fig. 9.

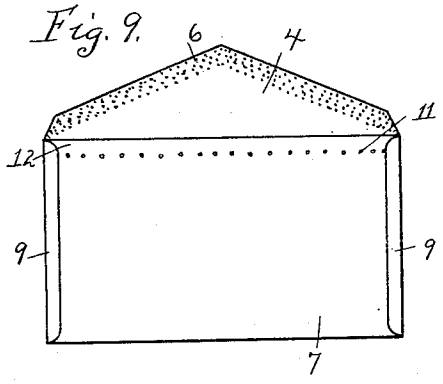


Fig. 10.

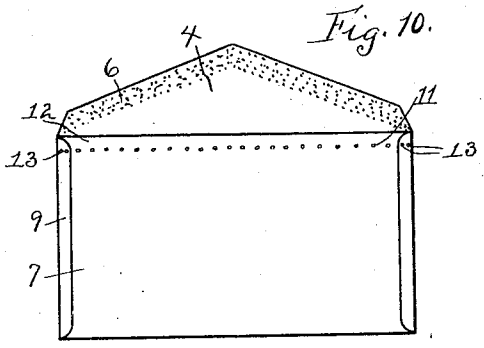


Fig. 11.

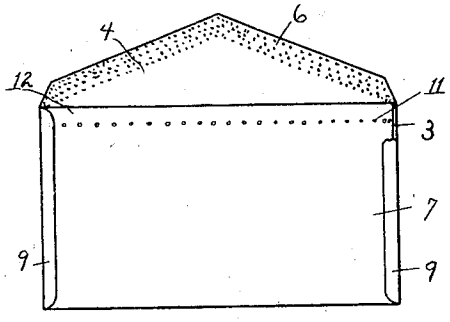
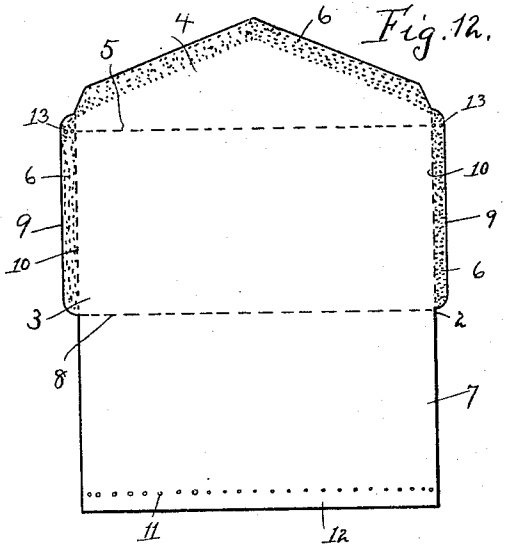


Fig. 12.



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UNITED STATES PATENT OFFICE.

ALVAH BUSHNELL, JR., OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO ALVAH BUSHNELL COMPANY, A CORPORATION OF NEW JERSEY.

ENVELOP.

1,234,867. Specification of Letters Patent. **Patented July 31, 1917.**

Application filed July 6, 1916. Serial No. 107,792.

To all whom it may concern:

Be it known that I, ALVAH BUSHNELL, Jr., a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Envelops, of which the following is a specification.

My invention relates to new and useful improvements in envelops, and has for its object to provide an exceedingly simple and effective device of this character, whereby when the contents are placed therein, both the edges at the open end of the envelop are folded over so that if any object is inserted between the body of the envelop and its flaps at either end, said object will not enter the envelop compartment, thus protecting the contents, preventing them from being withdrawn, and also overcoming the possibility of said contents being mutilated by the object.

A further object of the invention is to weaken the back or protecting flap, so that the same may be readily and easily cut or separated from the body of the envelop by an envelop opener or any object used for this purpose.

A still further object of the invention is to provide an envelop with a back or protecting flap, the same being divided from the back portion of the envelop body by perforations, said perforations extending only partway across the back of the envelop, all the way across the same or across the back and the side tongues.

With these ends in view, my invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by numerals to the accompanying drawings forming a part of this application, in which—

Figure 1, is a back elevation of the envelop with the sealing flap open.

Fig. 2, is a section on the line 2—2 of Fig. 1.

Fig. 3, is a face view on a reduced scale of the blank from which said envelop is formed.

Fig. 4, is a similar view showing the perforations extending entirely across the back and across the side tongues.

Fig. 5, is a back elevation of the envelop open, showing the perforations extending entirely across the same.

Fig. 6, is a similar view, one of the side tongues being broken away and showing the perforations extending entirely across the back.

Fig. 7, is a back elevation of another form of modified form of this invention.

Fig. 8, is a similar view of another form of my envelop.

Fig. 9, is a similar view of a different form of my invelop.

Fig. 10, is a view similar to Fig. 9, showing the same form of envelop with the different arrangement of perforations.

Fig. 11, is a back elevation of a similar envelop showing another arrangement of perforations and having a portion of one of the side tongues broken away to illustrate the construction; and

Fig. 12, is a face view of the blank for producing that form of envelop shown in Fig. 10.

In carrying out my invention as here embodied 2 represents an envelop blank comprising a front member or wall 3 of any desirable shape and size, a sealing flap 4 formed with one edge of the front member or wall 3 and produced in any desirable shape and size, the same adapted to be folded over upon the completed envelop along the line 5 and having upon its inner face a suitable adhesive 6, a back member or wall 7 also formed with one edge of the front member 3 and of suitable size and configuration adapted to be folded upon the front member along the dotted line 8, a pair of side tongues 9 of any suitable size and configuration formed with opposite edges of the front member and adapted to be folded upon the dotted line 10 either on the inside or outside of the back member or upon themselves, one face of each of said tongues having a suitable adhesive applied thereto whereby the parts may be fastened together.

In that form of envelop shown in Figs. 1 to 3 inclusive the back member 7 is provided with perforations 11 extending transversely along a line approximately parallel and adjacent to the free edge of the back member or adjacent the open end of the envelop, thereby forming a protective flap 12, which when the sealing flap 4 is folded over upon the body of the envelop, is folded over

upon the back member 7 along the line of perforations as plainly shown in Fig. 2. In one form of my envelop the perforations 11 terminate short of the edges of the back as shown in Fig. 3, so that the full strength of the front member, back member and side tongues adjacent the ends of the envelop is utilized.

In another form of my envelop as shown in Figs. 4 and 5, the perforations 11 in the back member 7 are extended entirely across said back member, and other perforations 13 are formed in the side tongues 9, thus weakening the entire back portion of the body of the envelop and permitting the flaps to be readily separated for opening the envelop.

In Fig. 6, I have shown the back member 7 provided with the perforations 11 extending entirely across the same, but the side tongues 9 are left intact, so that the strength of two unweakened thicknesses of material is utilized.

In Fig. 7 I have shown an entirely different construction of envelop in which the side tongues 9 extend entirely across the body of the envelop adjacent the open end thereof, and these side tongues are each provided with a row of perforations 13, but the back member 7 is imperforate regardless of the distance that it overlaps the side tongues.

The showing in Fig. 8 is a slight variation of the construction illustrated in Fig. 7, the only difference being the size, shape and configuration of the side tongues and back member.

In Figs. 9 to 12 inclusive I have shown the back member folded upon the front member similar to the envelop shown in Fig. 1 with the side tongues extending approximately the entire height of the envelop body and the back member, although very narrow, so that they overlap the back member a very short distance.

In Fig. 9 the back member is perforated only partway across the same, and in Fig. 10 the back member is perforated entirely across the same, and in addition thereto the side tongues are perforated while in Fig. 11 the back member is perforated entirely across the same, but the side tongues are unperforated.

In practice the contents of the envelop are placed in the compartment 14 formed by the front, back and side tongues and the sealing flap is then folded over the back member of the envelop along a line parallel to the perforations 11, and the folding over of said sealing flap also folds over the protective flap 12 along the line of perforations 11 as plainly shown in Fig. 2.

Should anyone attempt to reach the contents of the envelop by inserting an object between the flap and the body of the envelop at the end or edge thereof, said object will come in contact with the protective flap 12 or pass between said protective flap and the back member 7, or one of the side tongues 9, thus preventing said object from coming in contact with the contents. Should said object be inserted with sufficient pressure the protective flap 12 will be separated from the back along the perforations, thereby indicating to the recipient of the envelop that the same had been tampered with, should the suspicions of the recipient be aroused by any outside indications upon the envelop.

When it is desired to open the envelop the object used such as an envelop opener is inserted in between the flaps, and the body of the envelop, and then drawn along the envelop with a cutting motion, such as is ordinarily used for opening envelops, and because of the weakened condition of the back member along the line on which it is folded said envelop may be readily and easily opened.

Of course I do not wish to be limited to the exact details of construction as herein shown, as these may be varied within the limits of the appended claims without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful, is—

1. An envelop comprising a front member, a sealing flap carried thereby, a back member also carried by said front member and adapted to be folded thereon, said back member being perforated throughout a portion of its width to produce a weakened protective flap, and side tongues folded over and secured to the back member.

2. An envelop comprising a front member, a sealing flap carried thereby, a back member also carried by said front member and adapted to be folded thereon, said back member being perforated throughout the entire width thereof, and side tongues folded over and secured to the back member and covering some of the perforations.

3. An envelop comprising a front member, a sealing flap carried thereby, a back member also carried by said front member and adapted to be folded thereon, said back member being perforated throughout the entire width thereof, and side tongues folded over and secured to the back member, said side tongues having perforations therein arranged to aline with the perforations in the back member, whereby the back portion of the body of the envelop is weakened entirely across the same.

4. An envelop comprising front and back members, the former projecting beyond the latter to produce a sealing flap, the back member being perforated transversely to form a protective flap between said perforations and the upper free edge, said flaps adapted to be folded over in the region of

said perforations with the sealing flap covering the protective flap.

5. An envelop comprising front and back members, the former projecting beyond the latter, said members adapted to be folded over upon themselves along a line adjacent the free edge of the shorter or back member for sealing the envelop with the front member covering the back member, said back member being weakened along its fold.

In testimony whereof, I have hereunto affixed my signature in the presence of a subscribing witness.

ALVAH BUSHNELL, JR.

Witness:
M. P. WILLIAMSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."