

No. 685,021.

Patented Oct. 22, 1901.

P. J. M. WASLYNG.
SAFETY ENVELOP.

(Application filed Jan. 28, 1901.)

(No Model.)

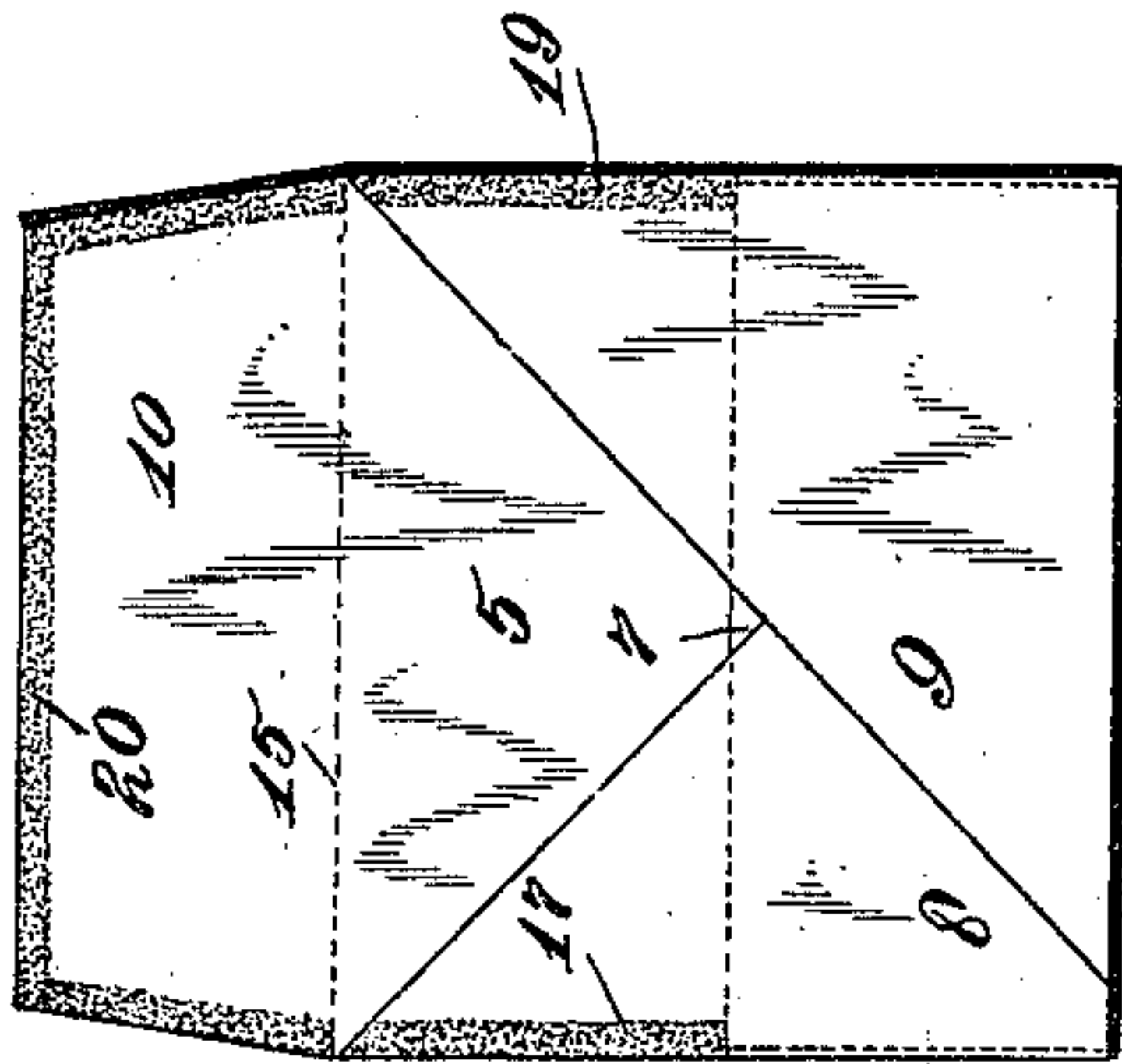


Fig. 3.

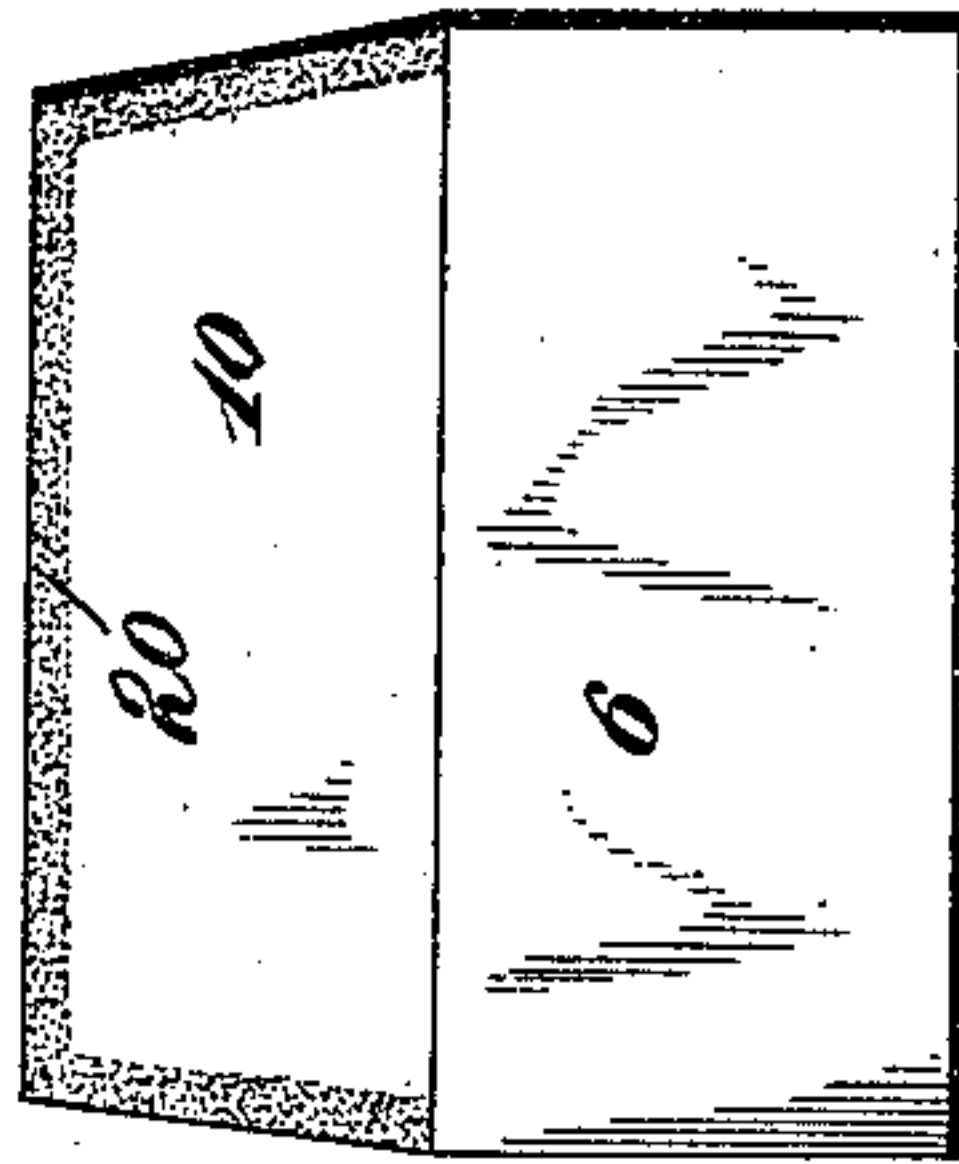


Fig. 4.

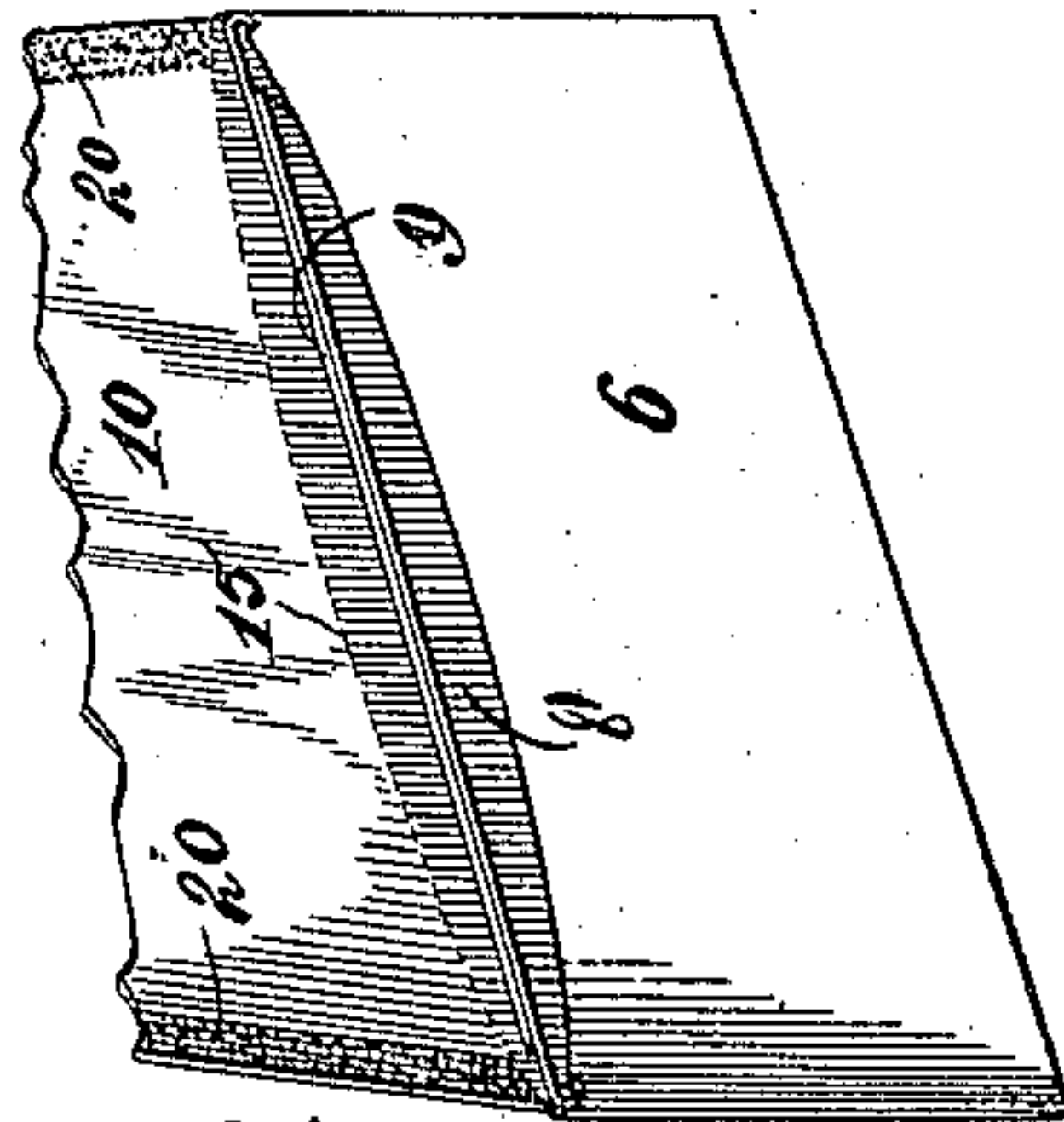


Fig. 6.

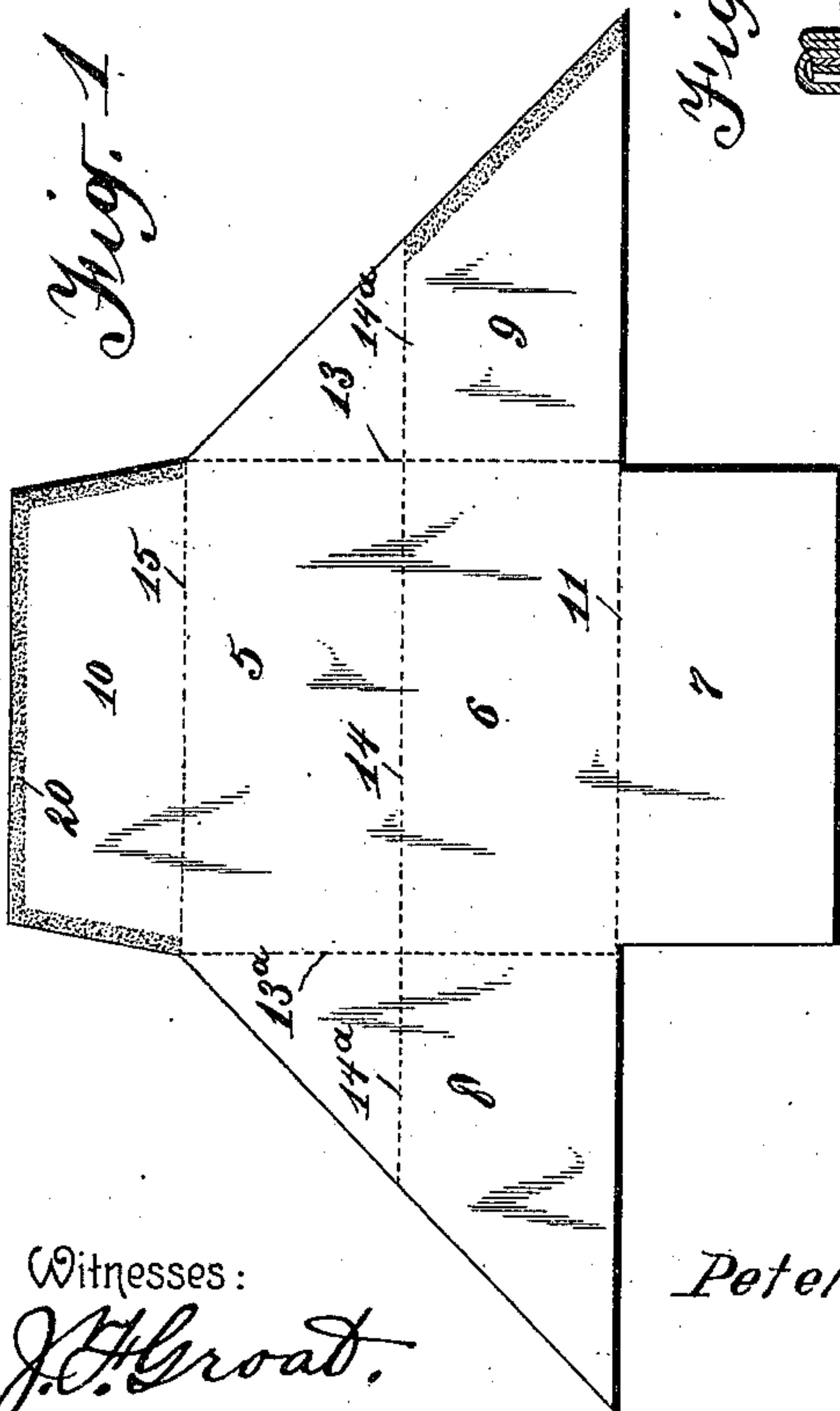


Fig. 1.

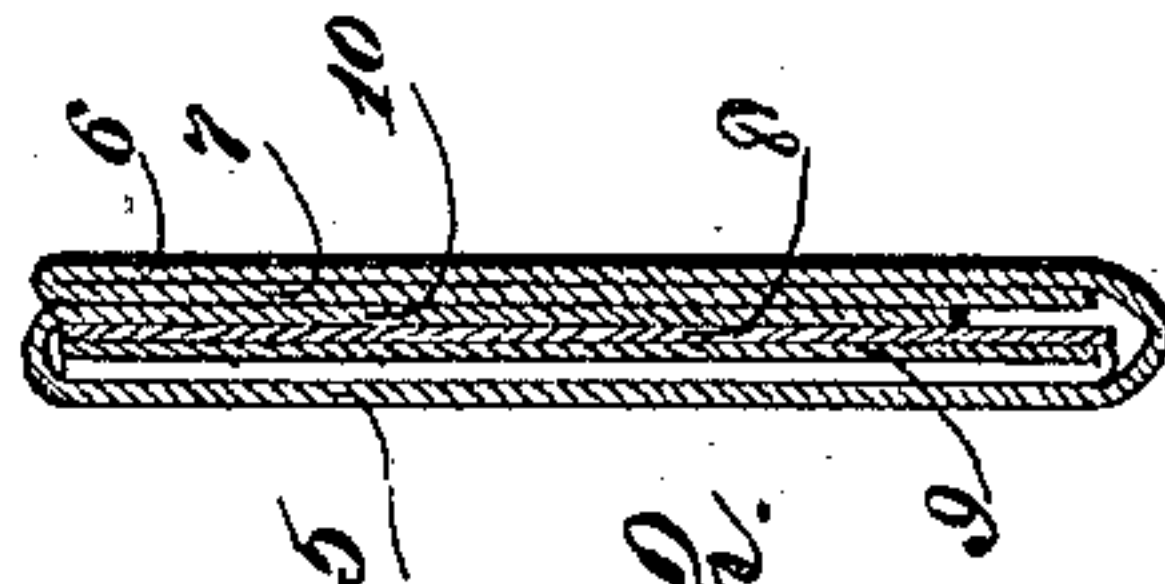


Fig. 5.

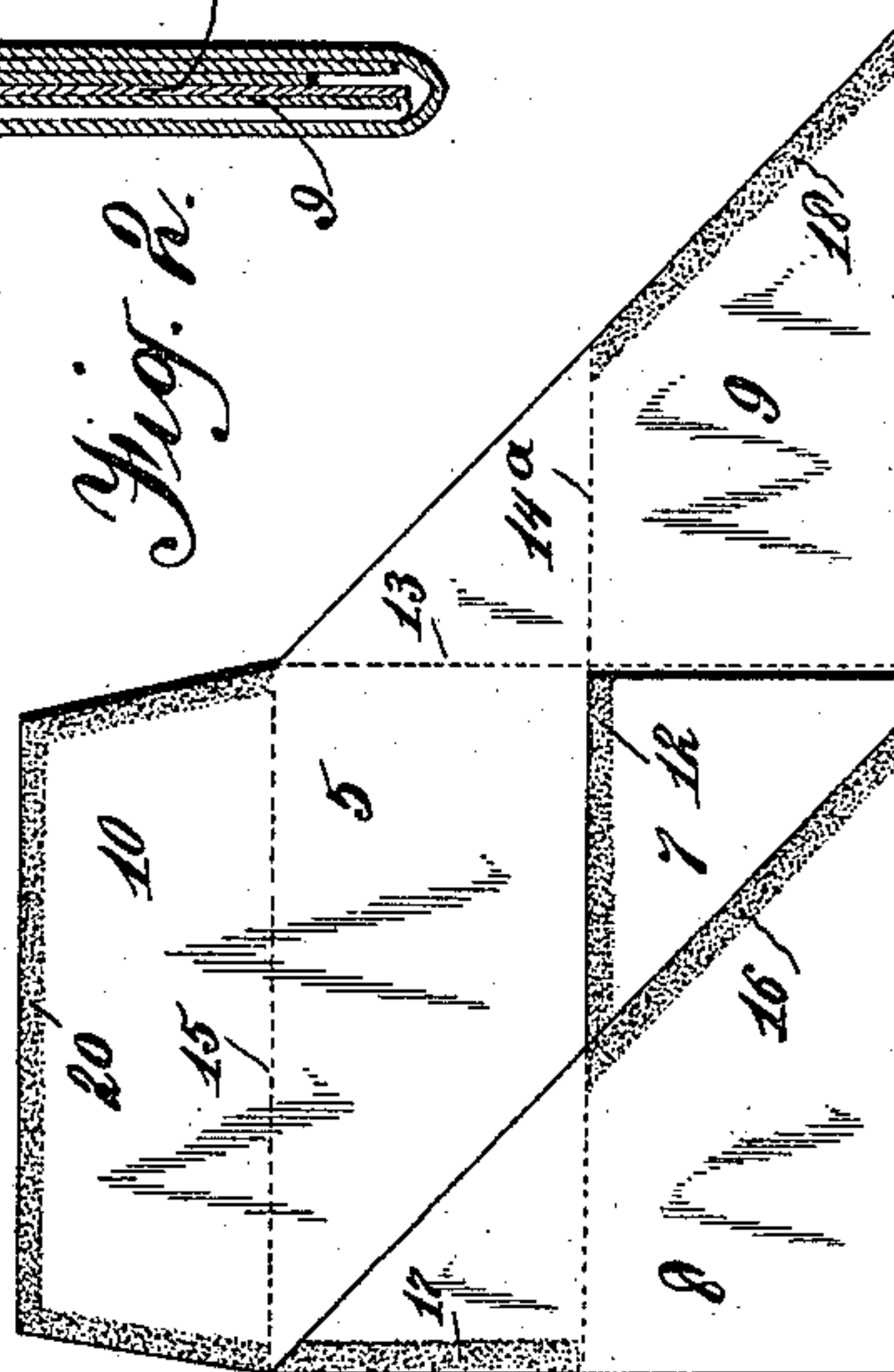


Fig. 2.

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SAFETY-ENVELOP.

SPECIFICATION forming part of Letters Patent No. 685,021, dated October 22, 1901.

Application filed January 28, 1901. Serial No. 45,022. (No model.)

To all whom it may concern:

Be it known that I, PETER JOHAN MONSON WASLYNG, a subject of the Queen of Great Britain, residing at Cross Lake, county of Lisgar, Province of Manitoba, Canada, have invented certain new and useful Improvements in Safety-Envelops; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in safety-envelops designed primarily for the safe transmission of money or valuables through the mails, by express companies, or by other common carriers.

The object of the invention is to provide an improved construction of envelop-blank which may be economically stamped in a single piece of paper or other suitable material, and it is so shaped, creased, and gummed that it may be readily folded into a complete envelop having its front, back, and all the marginal edges thereof reinforced in such a way that it will not be possible to abstract the contents of such envelop by thrusting an implement thereinto in a manner which will avoid leaving any visible evidence of the surreptitious rifling of its contents.

Further objects and advantages of the invention will appear in the course of the subjoined description and the novelty in the construction and arrangement of parts will be defined by the claims.

In the drawings hereto annexed, forming a part of this specification, Figure 1 is a plan view of an envelop-blank constructed in accordance with this invention. Fig. 2 is a view showing the auxiliary flap and one of the end flaps partly folded. Fig. 3 is another view showing the other end flap in its folded position. Fig. 4 is another view illustrating the complete envelop with the sealing-flap in an open condition. Fig. 5 is a transverse section through the envelop in the condition shown by Fig. 4. Fig. 6 is a perspective view of the complete envelop, showing the sealing-flap extended and the pocket formed by the back and side flaps on the one part and the front on the other part, which pocket is adapted to receive the sealing-flap.

The same numerals of reference denote cor-

responding parts in the several figures of the drawings.

The envelop-blank consists of the front 5, the back 6, the auxiliary or bottom flap 7, the side flaps 8 9, and the sealing-flap 10. All these parts are stamped or otherwise cut from a single piece of paper or other appropriate material by means of a die or other suitable machinery, so that all the parts of the envelop-blank are integral. The front, the back, and the auxiliary bottom flap are all of equal area, preferably rectangular, as shown by Fig. 1, and this bottom flap is foldable on the crease or score line 11, which is between said flap 7 and the back 6 and is coincident with the bottom edge of the side flaps 8 9, whereby said bottom flap may be folded upon the back 6. This bottom flap is furthermore provided on one face thereof and along its free longitudinal edge with a coating 12 of mucilaginous or adhesive substance. The side flaps 8 9 are triangular in shape, and the inner portion of each side flap is of a length coextensive to the aggregate width of the front and the back.

The envelop-blank is scored or creased on the lines 13 13^a and at 14 14^a, as shown by Fig. 1, so as to define the margins of the side flaps and indicate the lines of folding the side flaps upon the front, back, and the bottom flap. The line 14 distinguishes the front and back from each other, and the lines 14^a are coincident with or extensions of the line 14, so as to extend across the triangular side flaps and indicate the manner in which the latter are to be folded with the remaining portions of the envelop-blank. The sealing-flap 10 is of less area than the front, the back, or bottom flap, said sealing-flap being foldable on the crease-line 15. The side flap 8 is provided on its outer face with strip 16 of mucilaginous material, which extends from the bottom edge of the flap to the crease-line 14^a thereof, and said flap is furthermore provided at its straight side edge next to the front 5 with a strip 17 of mucilaginous material. The other side flap 9 is provided on its inner face and at the inclined edge thereof with an adhesive coating 18, extending from the crease-line 14^a to the bottom edge of the flap, and said side flap 9 is furthermore provided at its outer face and next to the straight edge

thereof with the adhesive strip 19. Furthermore, the sealing-flap is provided on its inner face with an adhesive strip 20, which extends continuously along the side and end edges thereof, as clearly shown.

To produce the envelop from the blank described, the bottom flap 7 is first folded upon the back 6 along the crease-line 11, so as to bring the adhesive strip 12 on the outer face of the bottom flap adjacent to the crease-line 14 between the front and back, as shown by Fig. 2. One of the side flaps, preferably the flap 8, is now folded along the crease-line 13^a, so as to have its lower portion overlap the bottom flap 7, while the upper portion of said side flap overlaps the front 5, whereby the flap 8 may be united to the flap 7 by moistening a portion of the mucilaginous strip 12. This method of folding the flap 8 brings the adhesive strip 16 thereof transversely across the flap 7, and the triangular side flap 9 is now folded on the crease-line 13, so as to bring its upper portion over the front 5, while its lower portion overlaps a portion of the bottom flap 7 and the lower portion of the other side flap 8. The exposed portion of the adhesive strip 12 on the flap 7 and the adhesive coating 16 on the folded side flap 8 are moistened, so as to adhere to the inner face of the other side flap 9 when the latter is folded, as described, while at the same time the adhesive coating 18 on the inclined edge of the last folded side flap 9 adheres to the exposed face of the side flap 8, whereby the lower portions of the two side flaps 8 9 are made to overlap and to adhere one to the other, and at the same time the bottom flap 7 is sealed adhesively to a portion of each of the side flaps 8 9, thus firmly securing all of the parts of the envelop as thus far folded together.

The overlapping and sealed side flaps are arranged to present the adhesive strips 17 19 to view and within the margins of the envelop, and the lower portion thereof, consisting of the bottom flap, the front, and the lower portions of the side flaps, may now be folded over upon the front 5, so that the lower portions of the side flaps may be united to the other portions of the same flaps by the adhesive strips 17 19, thus completing the envelop, which is made to present the appearance represented by Figs. 4 and 5.

From the foregoing description, taken in connection with the drawings, it will be noted that the two side flaps are folded upon the front and back, with the back flap beneath the folded portions of the side flaps, and that the folded portions of the side flaps are sealed together, so that there is left a space between the wide sealed portions of the side flaps and the bottom flap which is overlapped by the back of the envelop-blank. This space between the overlapped sealed portions of the side flaps and the bottom flap and back of the envelop-blank is adapted to receive the

sealing-flap 10, the latter having its side edges inclined and said flap being made smaller than the front or the back, so that it may be thrust into this space. The adhesive strips on the sealing-flap may be moistened before the latter is thrust into the space or pocket, and thus the envelop when sealed presents a plain exposed surface on the front and back faces thereof, and at the same time the sealing-flap is inclosed within the body of the envelop, and the front, the back, and the margins on all four sides are protected and reinforced to effectually prevent the introduction of an implement into the envelop so as to extract the contents thereof. By inclosing the sealing-flap within the pocket or space herein described the adhesive coatings thereof cannot be moistened by steaming the same so as to unseal or loosen the flap and permit it to be opened, as is the case with ordinary envelops.

Changes within the scope of the appended claims may be made in the form and proportion of some of the parts, while their essential features are retained and the spirit of the invention is embodied. Hence I do not desire to be limited to the precise form of all the parts as shown, reserving the right to vary therefrom.

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

1. An envelop-blank having the connected front, back and bottom flap, and also provided on each of the free sides of the front and back with side flaps which are foldable upon the front and back, with the bottom flap underneath, and with the side and back flaps united together at their marginal edges so as to produce a sealing-pocket which is independent of the envelop's letter-space; and a seal-flap adapted to be inserted in the pocket between said back flap and the side flaps, whereby a plain exposed surface will be presented on both faces of the envelop.

2. An envelop-blank creased or scored to define the front, back, the bottom flap, the sealing-flap, and two side flaps, the bottom flap and the back being foldable one upon the other and upon the front, and the side flaps being each foldable upon the folded bottom flap, and said side flaps being foldable one upon the other; the two folded side flaps being sealed together and to the bottom flap, and the side and bottom flaps being foldable jointly upon the front and with the folded portions of the side flaps sealed upon themselves, whereby a pocket is formed between the overlapped and sealed side flaps and the bottom flap for the reception of the sealing-flap, as set forth.

3. A safety-envelop comprising a single-piece blank having the front, back, the bottom and sealing flaps and the triangular side flaps, said blank being scored or creased to define the outlines of the flaps, and said side flaps and the bottom flap having the adhesive

strips, as set forth; the bottom flap being
folded upon the back and the side flaps being
folded upon the back and upon each other;
the folded bottom flap and the side flaps be-
5 ing sealed together and forming with the back
flap a separate pocket adapted to receive the
free portion of the sealing-flap, whereby the
sealing-flap is housed wholly within the en-

velop, and the latter is made to present plain
surfaces on both sides thereof. 10

In witness whereof I have hereunto set my
hand in the presence of two witnesses.

PETER JOHAN MONSON WASLYNG.

Witnesses:

W. H. MCKAY,
JAMES ROBINSON.