M. KANTRO.

ENVELOP.

APPLICATION FILED OCT. 23. 1915.

1,202,069. Patented Oct. 24, 1916.

Fig. 1.

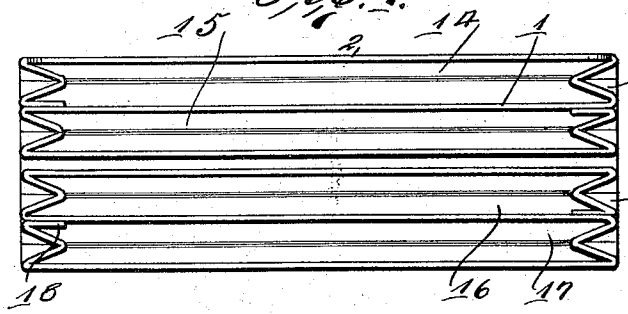


Fig. 2.

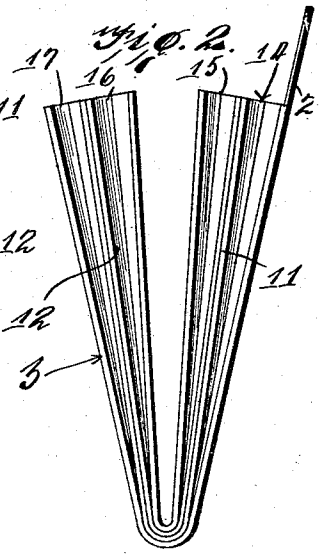


Fig. 3.

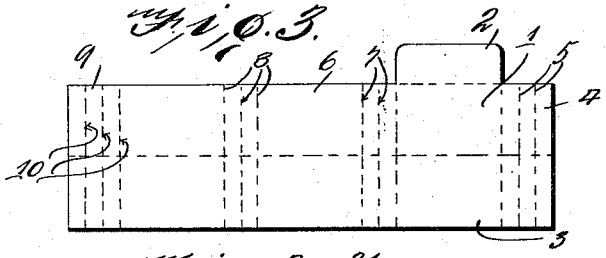


Fig. 4.

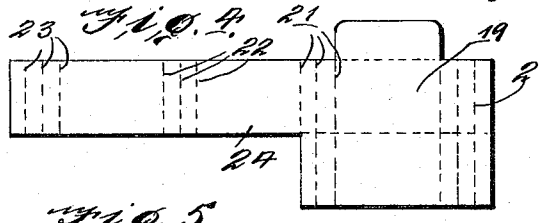


Fig. 7.

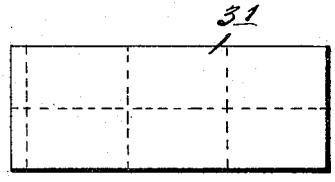


Fig. 5.

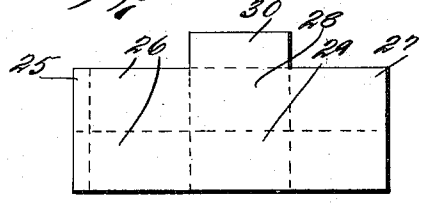


Fig. 8.

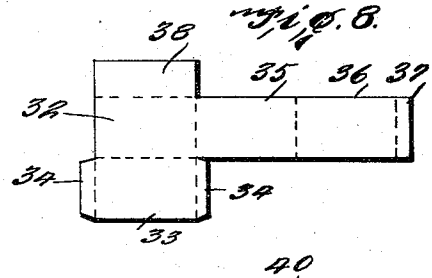


Fig. 6.

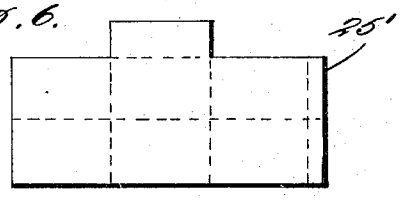
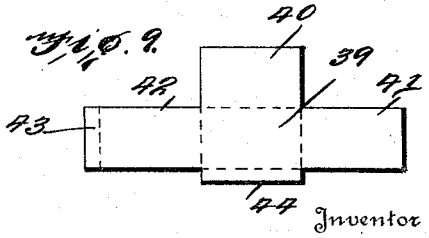


Fig. 9.



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ENVELOP.

1,202,069. Specification of Letters Patent. Patented Oct. 24, 1916.

Application filed October 23, 1915. Serial No. 57,553.

To all whom it may concern:

Be it known that I, MICHAEL KANTRO, a citizen of the United States of America, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Envelops, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to envelops, and has for its object the production of a simple and efficient envelop which may be cut from a single sheet of material and folded so as to constitute an envelop comprising a plurality of pockets which may be used for the purpose of filing records or mailing a number of different articles in the same envelop.

Another object of this invention is the production of a simple and efficient envelop formed of one sheet of material comprising a plurality of pockets which will eliminate the necessity of pasting or otherwise securing inserts or pockets between the outer folds to produce a plurality of filing or mailing pockets within the envelop.

With these and other objects in view this invention consists of certain novel combinations, constructions, and arrangements of parts as will be hereinafter fully described and claimed.

In the accompanying drawings:—Figure 1 is a top plan view of the preferred embodiment of the present invention. Fig. 2 is a side elevation of the structure shown in Fig. 1. Fig. 3 is a plan view of a blank from which the figures illustrated in Figs. 1 and 2 are formed. Fig. 4 is a plan view of a blank of a modified form of the present invention showing a blank illustrating an envelop comprising fewer pockets than that illustrated in Fig. 3. Fig. 5 is a plan view of a blank of a still further modified form. Fig. 6 is a plan view of a blank of a still further modified form. Fig. 7 is a plan view of a blank similar to Fig. 5, the sealing flap being eliminated therefrom. Fig. 8 is a plan view of a modified form of the invention showing the sealing flap positioned upon the extreme left hand corner of the blank. Fig. 9 is a plan view of a still further modified form of the structure shown in Fig. 8, the sealing flap being eliminated, and a plurality of laterally extending wings being adapted to constitute folds for producing a pocket being secured to the central portion of the envelop.

By referring to the drawings it will be seen that 1 designates the body of the envelop which is formed from a blank sheet of material, and this envelop 1 has a sealing flap 2 secured to the body 1 thereof. The body 1 is also provided with a front face 3 secured to the body 1, and the front face 3, as well as the body 1 is provided with wings 4 extending to the right thereof, which are provided with a plurality of fold lines 5 to permit the wings 4 to be folded along the fold lines 5 for producing the necessary gussets for permitting the pockets to be expanded or closed according to the desire of the operator. An elongated strip 6 is formed or integrally connected to the body 1 and front flap 3 and comprises a plurality of spaced body portions between which are interposed a plurality of fold lines 7 and 8, which fold lines are adapted to permit a gusset or fold to be produced to permit an expansible sealing face upon each edge of the envelop. The extreme left hand end of the blank is also provided with a wing portion 9 having a plurality of fold lines 10 formed thereon to permit the same to be folded as illustrated clearly in Fig. 1 to produce the desired sealing of the envelop. It, of course, should be understood that the pockets may be formed as illustrated in Fig. 1 to extend the entire length of the envelop, or the pockets may terminate in any desired point such as in the center or near one end of the envelop, as for instance in the same manner as illustrated in my previous application bearing Serial Number 49,026, filed September 4, 1915. It, of course, should be understood that this change may be produced without departing from the spirit of the invention. As illustrated in Fig. 2 it will be seen that the structure produced will constitute a primary set of pockets 11 and an auxiliary set of pockets 12. The envelop may be extended so as to lie flat upon a table or other support, or may be folded to the position shown in Fig. 2, and when the pockets 14, 15, 16 and 17 are filled, the sealing flap 2 may be folded over the front flap 3 and prevent the contents of

the pockets from falling out. It should, however, be understood that it is important that it should be borne in mind that the present envelop is formed from a blank sheet of material, and that the gussets or folds between the several pockets are formed from the same piece of material, and thereby necessitates the sealing of only one side of each pocket. By carefully considering Fig. 1 it will be seen that the gussets or folds are folded so as to be substantially Z-shape in cross-section, and have the outer flap portion 18 secured to the abutting face of the next adjoining pocket to constitute a seal therefor, the flap 18 extending inwardly toward the pocket. By having the flap extending inwardly the same will resist any tearing action which might take place between the article placed within the pocket and the edge of the pocket or fold.

In Fig. 4 there is shown an embodiment of the invention which is similarly constructed to Fig. 3, wherein a body portion 19 is employed having wings 20 similar to the wings 4, and being also provided with the fold lines 21, 22 and 23 similar to the fold lines 7, 8 and 10 illustrated in Fig. 3. By carefully considering Fig. 3, however, it will be seen that the blank is formed of a rectangular body of the same width throughout its entire length, with the exception of the sealing flap 2. It will be noted, however, that in Fig. 4 the blank here illustrated is not uniform in width throughout its entire length for the reason that a narrow projecting strip 24 is provided for producing a plurality of pockets, and this strip 24 extends laterally or from the side of the body portion 1.

In Fig. 5 there is shown an embodiment of the invention wherein four pockets are illustrated, but the gussets are not shown as in the form illustrated in Figs. 3 and 4. A flap 25 is formed upon one side of the edge of the wings 26, and the wings 27 are adapted to be folded upon the body 28 and front flop 29, and the wings 26 are then folded over the wings 27, the sealing flap 25 being folded over the outer face of the body 28 and the front flap 29. The envelop may then be sealed by means of the sealing flap 30.

In Fig. 6 there is shown an embodiment of the structure shown in Fig. 5, the sealing side flap 25 being shown upon the right hand end of the envelop in place of the left hand side.

In Fig. 7 there is shown another embodiment of the invention similar to Fig. 5, the blank being indicated by the numeral 31, and the sealing flap 30 being eliminated therefrom.

In Fig. 8 there is shown a further embodiment of the invention which is substantially the reverse of Fig. 4, the gussets being removed therefrom, and it will be seen that a body 32 is produced having a front flap 33 provided with side sealing means 34. A plurality of laterally extending wings 35 and 36 are employed having a side sealing flap 37, and it should be understood that in the structure shown in Fig. 8, the flap 35 is folded upon the body 32, and the flap 36 is folded back upon the flap 35, the sealing flap 37 being sealed upon the front outer face of the body 32. The flap 33 is then folded over the wing 36, and the sealing flaps 34 are then secured by means of adhesive material or other suitable fastening means to the outer face of the body 32. The closure or sealing flap 38 may be folded over the top of the envelop to constitute a closure or seal therefor.

In Fig. 9 there is shown an embodiment of the invention wherein a body 39 is employed, having a front flap 40 and a pair of side flaps 41 and 42. The side flap 42 is provided with a sealing tongue 43, and the envelop is formed in the blank shown in Fig. 9 by folding the flap 41 upon the body 39 and folding the flap 42 over the flap 41 and sealing the tongue 43 over the outer face of the body 39. The front flap 40 is then folded over the flap 42, and the sealing tongue or flap 44 is then sealed over the edge of the front flap 40.

From the foregoing description and by carefully considering the illustration it will be seen that the same principle has been followed out in all of the different forms of the envelop, although different structures having different advantages are illustrated by means of different modified forms. It will be seen further that by means of the structure illustrated in the preferred embodiments of Figs. 1, 2, 3 and 4, that a very simple and efficient means has been produced for providing the gussets or folds upon the ends of the pockets to permit the pockets to have an expansible movement and yet at the same time be folded in a compact relation.

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

As a new article of manufacture, an envelop formed of a continuous one piece blank sheet of material comprising a body, a sealing flap secured to said body, said body provided with a front face, said front face and body provided with laterally projecting wings, said wings provided with a plurality of fold lines for permitting said wings to be folded along said fold lines for producing pockets and also producing gussets for permitting the pockets to be expanded or closed according to the desire of the operator, said body provided with an elongated strip extending laterally from the body and front flap and being formed integral therewith and comprising a plurality of spaced body portions, said spaced body portions provided

with a plurality of fold lines arranged intermediate the body portions of said elongated strip for producing expansible gussets between the pockets of the envelop, said elongated strip provided with wing portions at the extreme outer end thereof, for permitting one end of the envelop to be sealed, said elongated strip adapted to be folded centrally and longitudinally of its length for producing a pair of groups of pockets when the envelop is in a folded condition.

In testimony whereof I hereunto affix my signature.

MICHAEL KANTRO.

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