No. 794,720. PATENTED JULY 18, 1905.

J. W. KUEBLER.

ENVELOP.

APPLICATION FILED MAY 19, 1904.

Fig. 1.

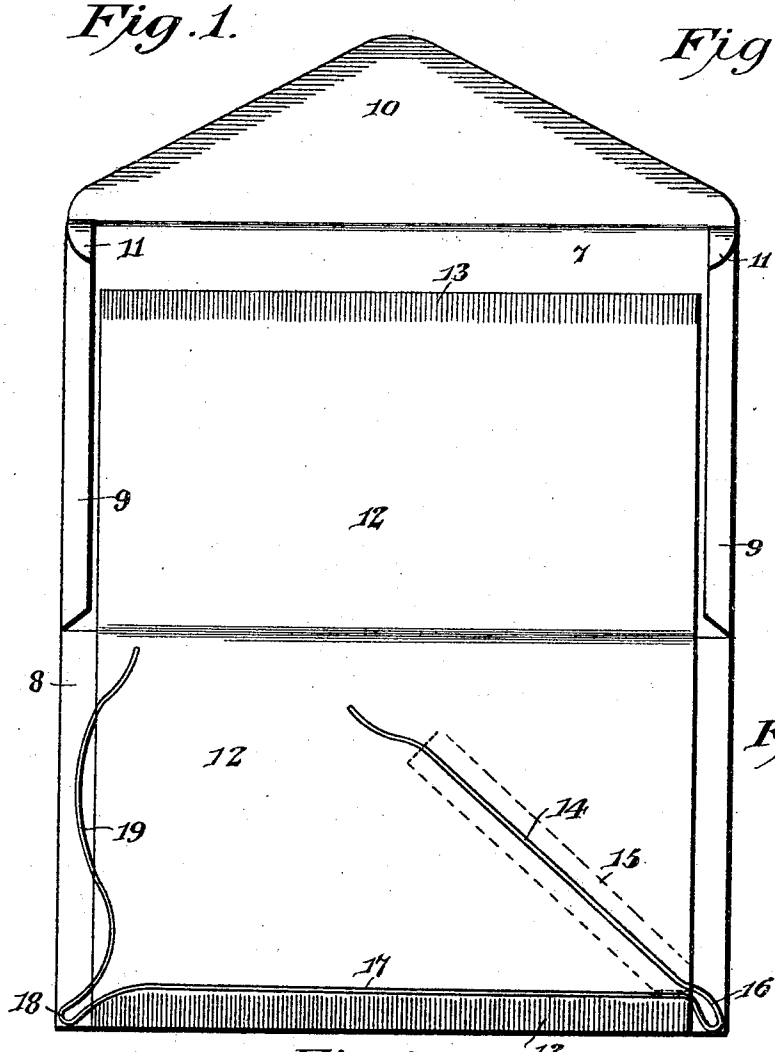


Fig. 2.

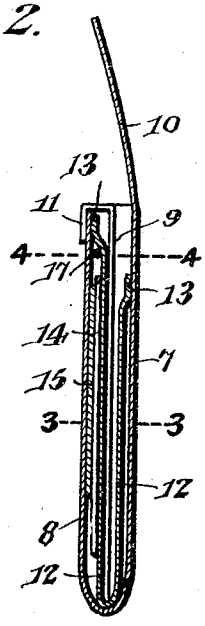


Fig. 5.

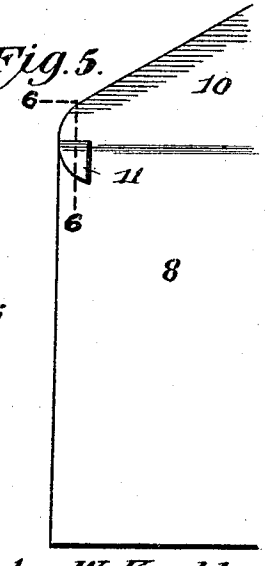


Fig. 3.

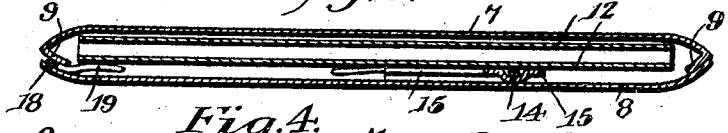


Fig. 4.

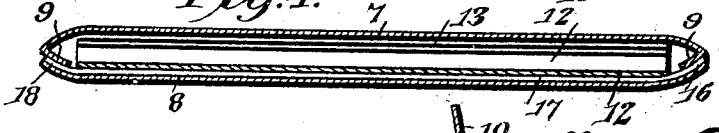
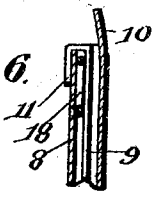


Fig. 6.



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No. 794,720. Patented July 18, 1905.

UNITED STATES PATENT OFFICE.

JOHN W. KUEBLER, OF MANKATO, MINNESOTA.

ENVELOP.

SPECIFICATION forming part of Letters Patent No. 794,720, dated July 18, 1905.

Application filed May 19, 1904. Serial No. 208,760.

To all whom it may concern:

Be it known that I, JOHN W. KUEBLER, a citizen of the United States, residing at Mankato, in the county of Blue Earth and State of Minnesota, have invented a new and useful Envelop, of which the following is a specification.

This invention relates more particularly to means for effecting the removal of the contents of an envelop therefrom when said envelop is opened, and the object is to provide a simple structure which can be readily manufactured at small cost and by means of which the entire contents of an envelop can be expeditiously removed when said envelop is opened.

The form of construction which at present is considered the preferable one is illustrated in the accompanying drawings, but is open to change and modification, as will be apparent.

In the drawings, Figure 1 is a plan view of the envelop-blank with the improvements applied thereto. Fig. 2 is a vertical sectional view through the envelop after the blank has been folded to proper form. Fig. 3 is a sectional view taken on the line 3 3 of Fig. 2. Fig. 4 is a similar view on the line 4 4 of Fig. 2. Fig. 5 is a detail rear elevation of a portion of the envelop, and Fig. 6 is a detail sectional view taken on the line 6 6 of Fig. 5.

Similar reference-numerals are employed to designate similar parts throughout the several figures.

In the structure illustrated an envelop is employed preferably comprising a front wall 7 and a rear wall 8 coextensive in size therewith. The front wall 7 has end flaps 9, which are inturned and suitably secured to the corresponding end margins of the rear wall 8. The envelop thus has an upper open mouth adapted to be closed by the usual flap 10. The upper ends of the flaps 9 preferably have tabs 11, which are secured over the outer face of the rear wall and reinforce the same. So far as thus described the parts are well known and can be changed as desired. For that matter the usual envelop, the rear wall of which comprises separate flaps, may be employed in place of that shown. The improvements are as follows: A lining 12, formed, preferably, of tissue or other very thin paper, is folded and located within the envelop, so that its mouth will open in the same direction as the mouth of said envelop. Its upper edges are preferably secured to the front and rear walls by lines of mucilage 13 or in any other suitable manner. Removing means for the lining is provided, said means consisting of a thread or flexible element, one end portion 14 of which extends diagonally inward from one corner of the lining and is secured thereto by a strip 15 overlying the same. At said corner the removing device is formed into a loop or eye 16, and the said device then extends longitudinally along the outer face of the lining contiguous to the adjacent secured edge, as shown at 17. At the opposite corner another loop 18 is formed, and the end portion 19 of the thread lies loosely between the lining and the wall 8. The eyes 16 and 18 as a result are secured between the ends of the wall 8 and the flaps 9, and when the envelop is set up the eyes will as a consequence be located at the upper corners thereof. The said envelop is used in the ordinary manner—that is to say, the contents are introduced through the open mouth thereof, after which the flap 10 is sealed.

It will be apparent that the lining constitutes no obstruction to the introduction of the contents, nor does the removing device or thread, the latter being located between the lining and the wall and the former having its upper edges secured. While this is not strictly borne out by the drawings, particularly Fig. 2, it will be apparent that in practice such is the case. It has been necessary to exaggerate in the drawings the thickness of the various elements in order to properly show the same.

To remove the contents, one of the upper corners of the envelop, preferably that containing the loop 18, is grasped between the fingers and torn off. The said loop 18 will thus be held in the fingers, and upon pulling the same the portion 17 of the thread will tear through the lining 12 at its point of attachment and through the folded flap 10 of the envelop. When the opposite corner of the envelop has been reached, a continued pull upon the thread will cause the doubled lining

to be withdrawn through the now opened envelop, thereby removing the contents.

It will be apparent by reference to Fig. 1 that an envelop with the improvements may be readily and cheaply manufactured, and it will furthermore be clear that with such improvements not only is the envelop opened, but the contents thereof may be completely and expeditiously removed.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention. For instance, as already stated, the shape and construction of the envelop itself may be varied, and yet the removing means can be placed therein without material expense or trouble.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with an envelop, of a contents-ejector lining located in the envelop and secured thereto, and means for opening the envelop, detaching portions of the lining therefrom, and removing said ejector.

2. The combination with an envelop, of a removable contents-receiving lining located therein and secured to the envelop, and means for detaching certain of the secured portions of the lining from the envelop and also removing said lining and the contents contained therein from said envelop.

3. The combination with an envelop, of a removable contents-receiving lining located therein and secured to the envelop, and a flexible detaching device extending between the lining and envelop and attached to the said lining, said device constituting means for detaching a secured portion of the lining from the envelop and also for removing said lining from said envelop.

4. The combination with an envelop having an open mouth, of a folded lining located within the envelop and secured along its edges on opposite sides of the mouth, a thread secured to one side of the lining, said thread having a portion located between the lining and the envelop and extending longitudinally along one of the secured edges, constituting means for detaching said secured edge from the envelop and also for removing the lining from said envelop.

5. The combination with an envelop having an open mouth and a sealing-flap therefor, of a folded lining located within the envelop and having its upper edges secured to the opposite inner faces of said envelop contiguous to its mouth, and a removing cord or thread secured to the outer face of the lining between said lining and the adjacent wall of the envelop, said cord or thread having end loops located contiguous to and within the end margins of the envelop.

6. The combination with an envelop having an open mouth and a sealing-flap therefor, of a lining comprising tissue-paper that is folded and located within the envelop, said lining having its upper edges secured to the opposite inner faces of the envelop contiguous to the mouth thereof and comprising the sole fastening means between the lining and the envelop, and a thread having an end portion extending inwardly from one corner of the lining and secured to the outer face thereof and having its opposite end portion loosely located within the envelop, said thread being looped at the opposite ends of the lining, said loops being arranged contiguous to the end margins of the envelop and sealed within the same.

7. The combination with an envelop, of a lining removably located therein and constituting a container for the contents of the envelop, and an envelop-opening device located between the lining and envelop and secured to said lining said opening device constituting releasing and removing means for the lining.

8. The combination with an envelop having an open mouth and a flap for closing said mouth, of a folded lining located within the envelop and having its longitudinal edges secured to the opposite faces of the same adjacent to said mouth, and a flexible lining-removing device and envelop-opener extending longitudinally along the secured margin of the lining between said lining and the envelop, said device being attached to the lining.

9. In combination with the envelop, a removable lining contained therein and arranged to remove the contents of the envelop when the lining is removed, said lining being fastened to the envelop at a plurality of points, and means for severing the lining from the envelop at one point, also severing the envelop, and finally removing the lining from the envelop.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOHN W. KUEBLER.

Witnesses:

JOHN B. OGLE,

D. G. WILLARD.