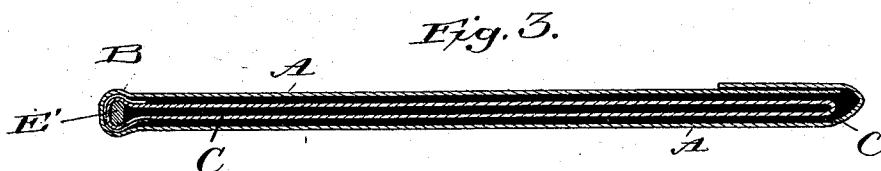
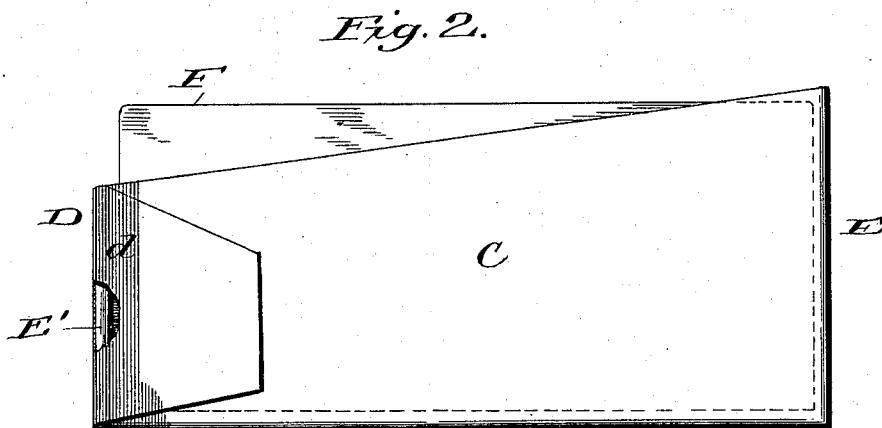
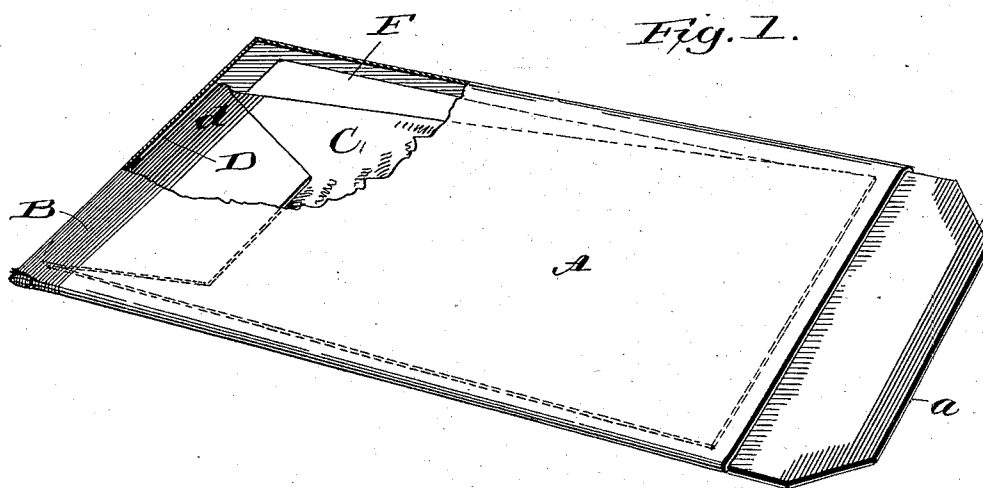


(No Model.)

C. KELLEY.
ENVELOPE.

No. 546,048.

Patented Sept. 10, 1895.



Witnesses:
L. C. Mills.
A. L. Hough

Inventor:
Charles Kelley,
By Franklin A. Hough Atty.

UNITED STATES PATENT OFFICE.

CHARLES KELLEY, OF TORONTO, CANADA.

ENVELOPE.

SPECIFICATION forming part of Letters Patent No. 546,048, dated September 10, 1895.

Application filed December 8, 1894. Serial No. 531,249. (No model.)

To all whom it may concern:

Be it known that I, CHARLES KELLEY, a subject of the Queen of Great Britain, residing at Toronto, in the Province of Ontario and Dominion of Canada, have invented certain new and useful Improvements in Envelopes; and I do declare the following to be 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

15 This invention relates to certain new and useful improvements in safety-envelopes, and especially to a combination of an inner one held within an outer envelope by means of an insoluble mucilage, which will not allow 20 the inner pocket containing the letter to be removed without first tearing open the outer jacket, as the inner envelope is held to the inside of the outside envelope by a sticking preparation which will not dissolve if the 25 same is soaked in water or in spirits of any kind.

A further object of the invention resides in the provision of a rigid strip of any suitable material, which is secured to the end of the 30 envelope which is inserted within the outer casing or envelope and carries the mucilaged portion, the said rigid strip being for the purpose of preventing the inner envelope being released from the outer one by cutting the 35 mucilage and also to prevent the mucilaged end being bent and loosening the envelopes by any crumpling thereof. I construct the inner pocket or envelope having one of its ends, preferably the one carrying the rigid strip, 40 shorter than the other end, and one of the longitudinal edges of the envelope thus being on the bias, which will allow the letter contained within to be easily and quickly removed by simply taking hold of the corner of 45 the letter which is not incased.

A still further object of the invention consists in treating the outside end of the envelope, which surrounds the mucilaged end of the inner envelope, with a waterproof material as an extra precaution against any attempt to release the inner envelope in case a 50 sticking material is used which is soluble.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, 55 and adaptation of the parts, as will be hereinafter more fully described, and then specifically defined in the appended claims.

I clearly illustrate my invention in the accompanying drawings, which, with the letters 60 of reference marked thereon, form a part of this specification, and in which drawings similar letters of reference indicate like parts throughout the several views, in which—

Figure 1 is a perspective view of the outer 65 envelope inclosing the inner one, parts being broken away to show the manner of fastening the two envelopes; Fig. 2, a plan view of the inner envelope inclosing a letter; Fig. 3, a 70 longitudinal section through the envelopes and a cross-sectional view through the rigid strip.

Reference now being had to the details of the drawings by letter, A designates an outer envelope of a well-known construction, having a flap *a*, and its opposite end covered for 75 a short distance in from the edge with a waterproof coating of any suitable kind, as seen at B.

C is the inner envelope, which has one end 80 D shorter than the opposite end E, and to this shorter end is secured the rigid strip E', of wood, metal, or any suitable substance.

F is the letter carried within the inner envelope, and owing to the biased edge of the 85 said envelope one corner of the said letter projects outside the narrow end, so as to allow of its being readily removed by taking hold of the same with the thumb and fingers. The end of the inner envelope carrying the 90 ridged strip is then coated preferably with an insoluble mucilage and inserted within the outer envelope, and when the said mucilage is once dry the inner envelope is securely held within its outer casing, and it will be impos- 95 sible to remove the letter without destroying the outer envelope, even though the mucilaged end be immersed in hot water or any spirits. As an extra precaution, the waterproofing solution is applied to the outer end 100 of the outside envelope, which will prevent the inner envelope from being removed when an ordinary soluble mucilage is utilized. I also apply some such material as aniline to

the outer ridged end, so that any tampering, as moistening the end, with the intent to extract the inner envelope, will cause the coloring-matter to spread. I make no claim, however, to the use of this coloring material used in this connection, as I am aware that the same is commonly used.

It will be observed that the gist of the invention resides in providing safety-envelopes which cannot be tampered with for the purpose of releasing the inner envelope from the outer one without detection, and not to prevent the ends being cut or torn open. Hence it is not necessary to equip the sides and the opposite end with a rigid strip.

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

1. As an improved article of manufacture the combination of the inner envelope, hav-

ing a ridged strip at one end, the said end designed to be coated with an insoluble mucilage, and an outer envelope into which said inner envelope is adapted to be inserted and sealed to the inner end of the outside envelope, substantially as and for the purpose set forth.

2. In combination an inner envelope having one end coated with an insoluble mucilage, and designed to be stuck to the inner end of an outer envelope, and means for preventing the said mucilaged ends being crumpled, substantially as shown and described.

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

CHARLES KELLEY.

Witnesses:

SAMUEL A. YORK, Jr.,
GEORGE W. ROBINSON.