

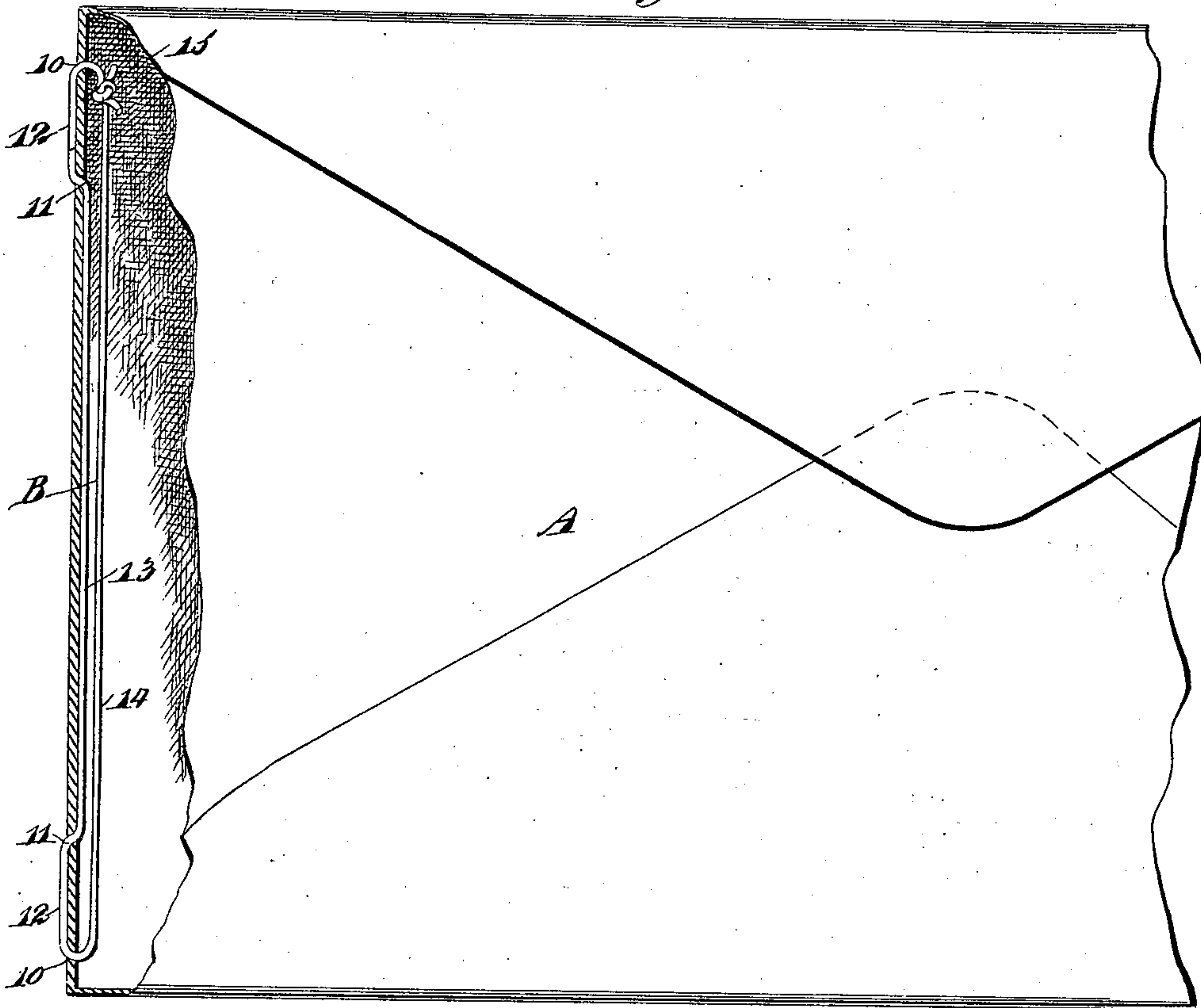
(No Model.)

F. E. MUNN.  
ENVELOP.

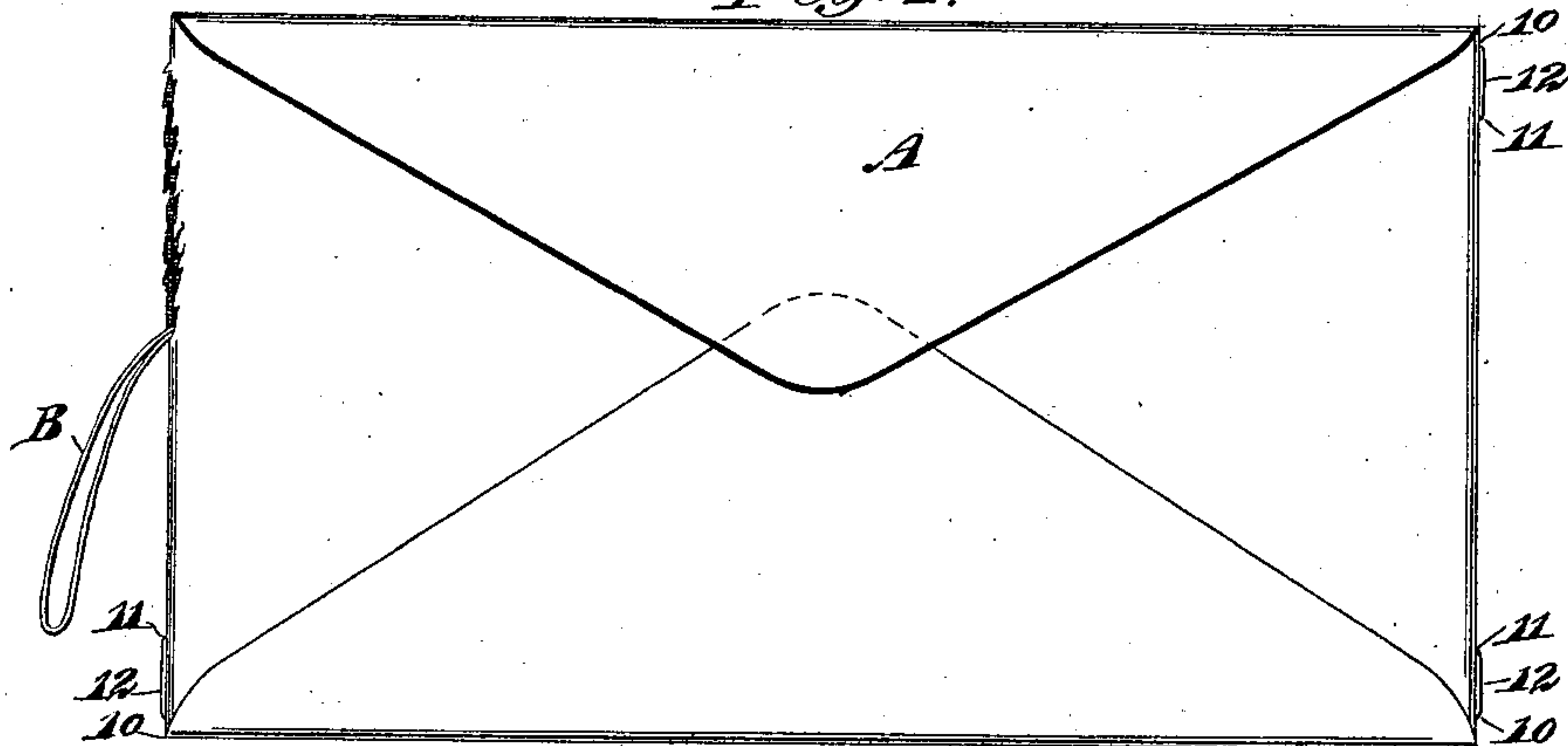
No. 590,900.

Patented Sept. 28, 1897.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*J. Rennie*  
*Proctor*

INVENTOR

*F. E. Munn.*

BY

*Munn & Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

FRANK E. MUNN, OF NEW YORK, N. Y.

## ENVELOP.

SPECIFICATION forming part of Letters Patent No. 590,900, dated September 28, 1897.

Application filed October 15, 1895. Serial No. 565,734. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK E. MUNN, of New York city, in the county and State of New York, have invented a new and useful Improvement in Envelops, of which the following is a full, clear, and exact description.

My invention relates to devices for opening envelops; and the object of the invention is to provide a device adapted to constitute practically a portion of the envelop and to be substantially concealed therein, which device is to be located at one or both ends or sides of the envelop, the device being in the nature of an endless thread, wire, or cord interlaced or stitched in an edge of the envelop, being so connected with the said envelop that there are no ends exposed or left to be covered by tags or the pasting on of protective paper or pockets or shields or anything necessary to be torn off in order to gain access to the opening device and without disfiguring the envelop before opening or afterward.

Another object of the invention is to provide a thread, cord, or wire for opening an envelop, so connected with the envelop that portions thereof will be exposed, but drawn so close to the envelop as to afford no opportunity for accidentally opening the same, and whereby the envelop may receive a most violent handling without displacing the opener, and whereby, further, in opening the envelop the exposed portions of the opener will be so located as to be conveniently and handily reached by the thumb and fingers of the operator.

Another object of the invention is to so construct the opener that the envelop may be opened in a perfectly clean manner and with a sharp cut and without a possible chance of mutilating its contents.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the figures.

Figure 1 is a partial side elevation of an envelop, a portion of the envelop being broken away to disclose the improved opener at-

tached thereto, the opener being in side elevation; and Fig. 2 is a side elevation of the envelop, illustrating it as partially opened by the opening device.

In carrying out the invention the improved opener B may be located at one or at both ends of the envelop A or at its top or its bottom edge. The opener consists of a practically double or endless strand of cord, thread, or wire which is carried out through the edge of the envelop at one end, being somewhat near the top, through an opening 10 and thence within the envelop through a second and adjacent opening 11, corresponding openings being made near the bottom edge of the envelop, for example, thereby forming practically two loops 12 between the apertures 10 and 11, and the outer strand 13 of the cord, thread, or wire lies close to the inner face of the envelop, while the inner strand 14 is carried upward and connected with the upper end of the outer strand, the connection being made by a knot 15 or its equivalent, and the thread, cord, or wire is drawn so taut that the loops 12 will closely cling to the outside of the envelop and thus not interfere with packages in a mail-bag or other receptacle, the loops being likewise prevented from entangling with or being caught by any object calculated to draw them from the envelop.

It will thus be observed that the opening device consists of a practically-endless thread, cord, or wire threaded through the envelop at each side of the center of that portion of the envelop to which the fastener is applied.

In order to open the envelop, it is only necessary to take hold of one of the loops 12 and draw the thread, cord, or wire downward and outward in direction of the opposite loop, as shown in Fig. 2, whereupon the edge of the envelop to which the fastener is applied will be neatly and quickly opened without danger of mutilating the contents of said envelop.

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

The combination with an envelop, of a strand within the envelop and having one end passed from the interior of the envelop out through one edge of the same adjacent to the end thereof and then back again into the in-



terior to form a loop lying on the exterior of  
said edge, the said end of the strand being  
then extended along the interior of the en-  
velop adjacent to the opposite end of said  
5 edge and passed out through the same and  
back again to the interior to form a second  
loop lying on the exterior of said edge, the  
ends of the strand being then secured to-  
gether within the envelop forming an endless  
strand, the whole of which except the loops 10  
lie within the envelop, substantially as herein  
shown and described.

FRANK E. MUNN.

Witnesses:

J. FRED ACKER,  
F. M. HANAFORD.