

Sigmund Ullman.

Envelope.

74867

PATENTED

FEB 25 1868

Fig. 1.

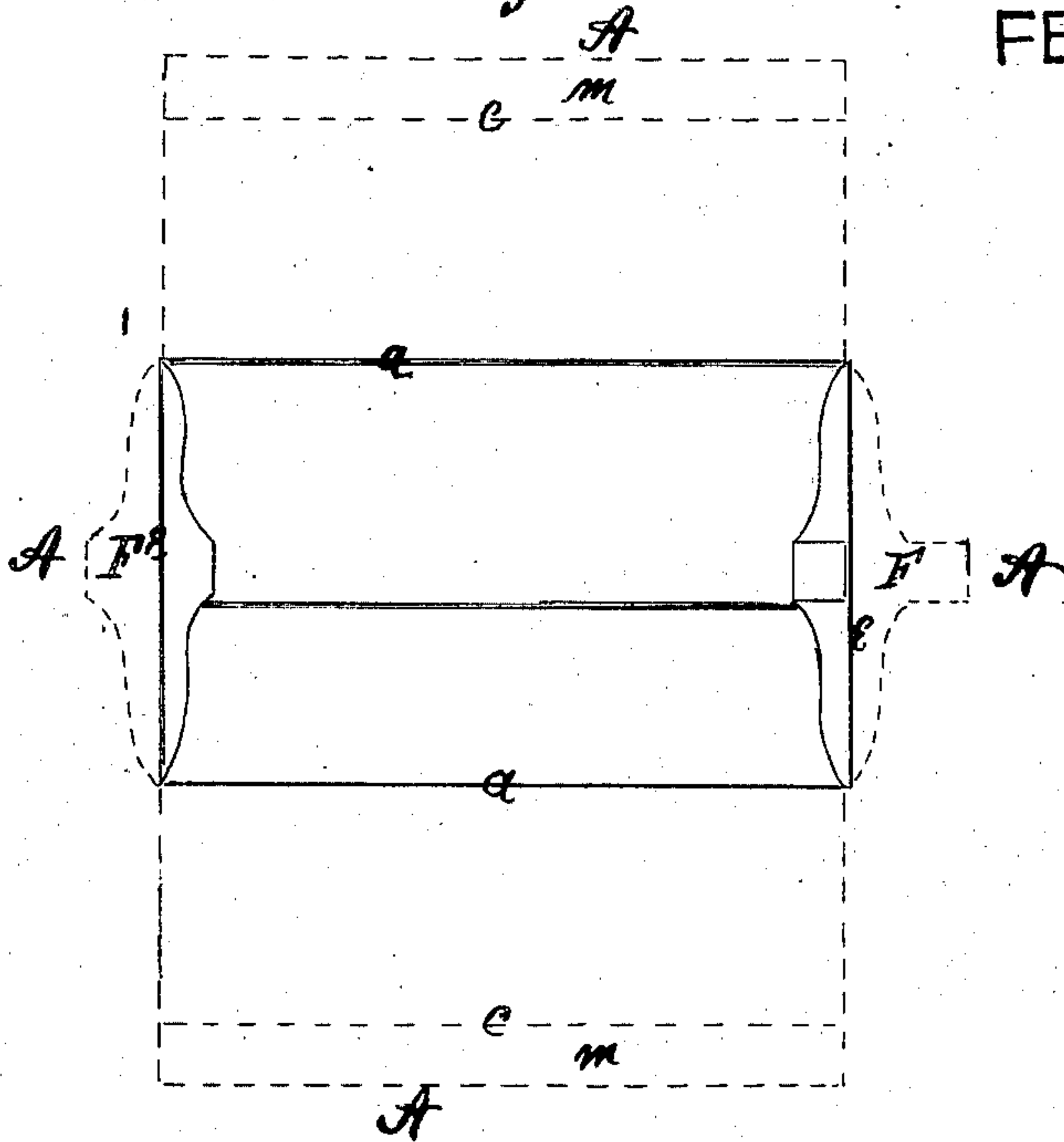


Fig. 2.

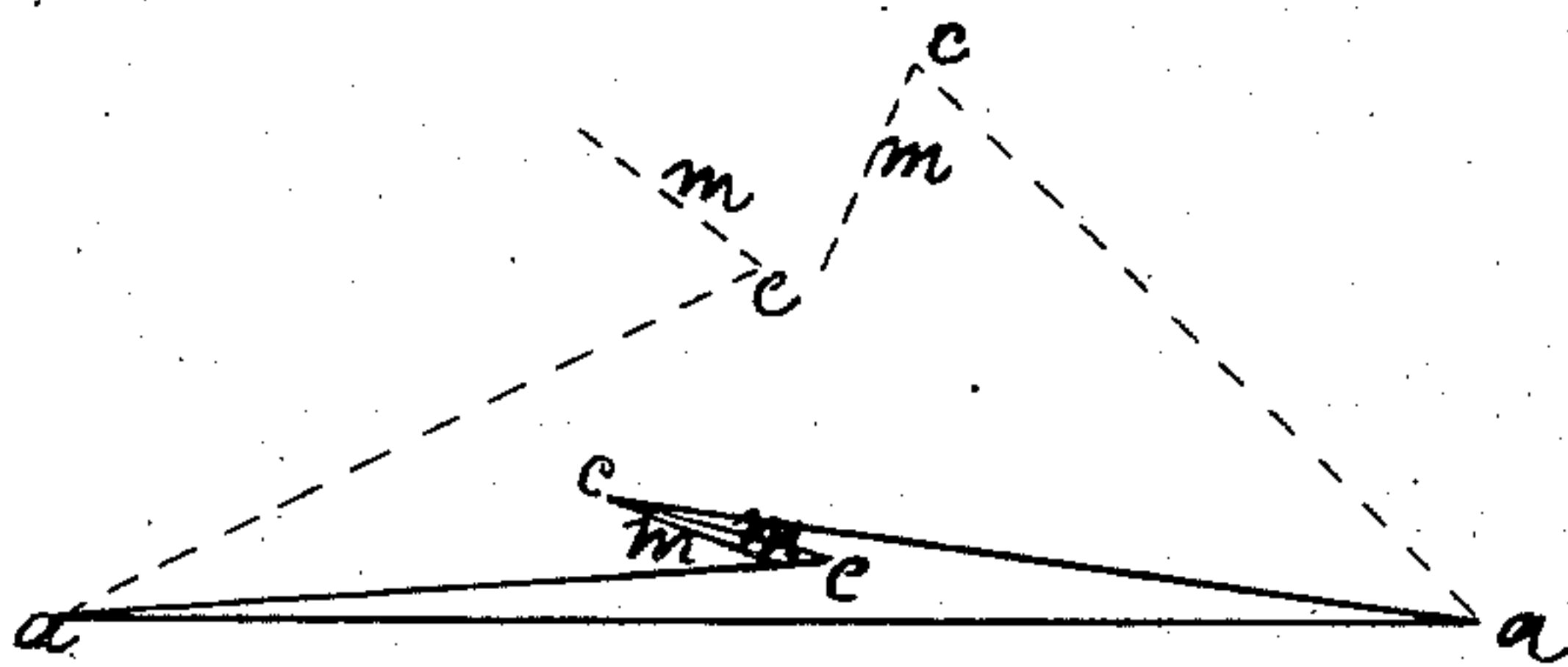
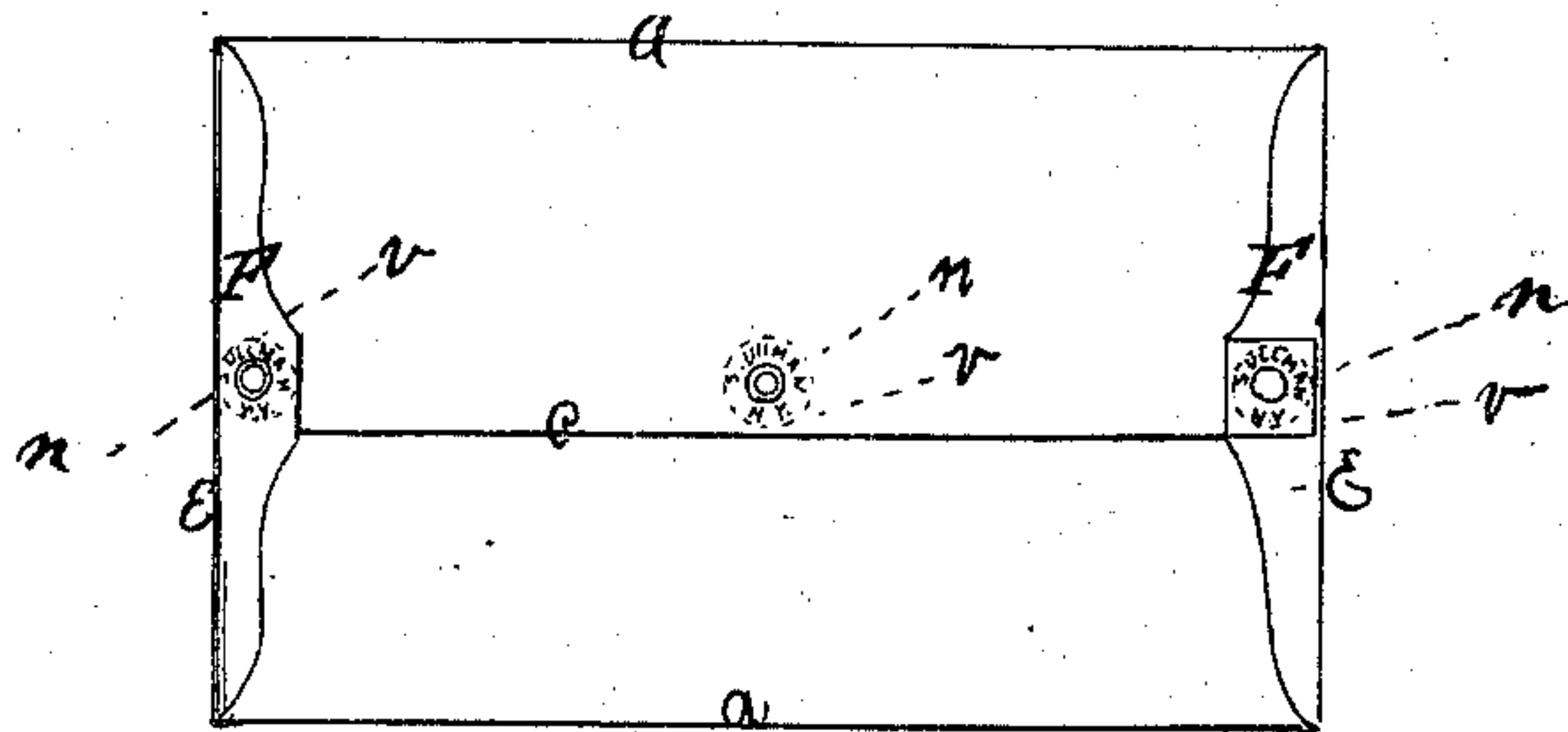


Fig. 3.



Witnesses:

S. C. Kemor.
C. A. Pettit

Inventor:

Sigmund Ullman
By *[Signature]*
Attorneys

United States Patent Office.

SIGMUND ULLMAN, OF NEW YORK, N. Y.

Letters Patent No. 74,867, dated February 25, 1868.

IMPROVEMENT IN ENVELOPES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, SIGMUND ULLMAN, of the city, county, and State of New York, have invented a new and improved Envelope; and I do hereby declare the following to be a full, clear, and exact description of the same, sufficient to enable those skilled in the art to which my invention appertains to make use of it, reference being had to the accompanying drawings forming part of this specification, and in which—

Figure 1 represents a plan of my improved envelope, the dark lines showing it folded, and the red lines showing it open.

Figure 2 is a cross-section of the same.

Figure 3 is a plan of the same.

Figure 4 is a plan of the same when folded and sealed.

In this invention a new method of constructing, folding, and sealing the envelope is employed, by which the use of adhesive gum is dispensed with, and when the envelope is sealed it is impossible for any one to open and close it again, without leaving evidence of the transaction upon it.

In making this envelope, I first cut the paper into the form shown by the outside red line, A, of fig. 1; I then break or crease it along the lines *a a*, *c c*, and *e e*, after which it is ready to be folded and sealed. Having thus prepared the material, I fold the ends inward along the lines *a a*, to form the flaps of the envelope, and fold the edges of the flaps, one inward and the other outward, along the line *c c*, about half an inch from the edge of the paper. I then press the flaps down upon the central portion of the paper and interlock their edges, as shown at *m m* in fig. 2. After this, the curved edges or flanges *F F* are to be bent over along the lines *e e*, and folded down upon the flaps across the ends of the envelope on its rear side. The envelope is now closed and ready to be sealed. This I accomplish without the use of gum or any other adhesive substance, by means of three light neat metallic eyelets, *n n*, two of which pass entirely through the envelope and flanges *F F*, the other, at the centre of the envelope, only passing through the edges *m m* of the flaps, where they are interlocked, and confining them securely in that position.

In order to render it impossible for any one to remove these eyelets and insert them again without leaving evidence of it on the envelope, I stamp the paper, at the points where the eyelets are to be inserted, with a small circular stamp or seal, *v*, the centre of which is just large enough to admit the neck of the eyelet, while close around the hole through which the latter passes, the stamp or seal is so lettered, printed, or figured, that the eyelet when once inserted cannot be removed without tearing across and mutilating the narrow ring thus lettered, printed, or figured. In this way it is impossible for any one, after the letter is closed and sealed, to open the envelope without so defacing the impression upon the paper around the edge of the eyelet as to render detection certain.

This device has a very neat appearance, and its weight does not exceed that of the common envelope. It can be manufactured at less expense than any hitherto in use, as it economizes the material to the utmost attainable degree. It is convenient to open and close, and is in every respect a more effective protection to the enclosed letter than any hitherto in common use.

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

1. The envelope formed with the end-flanges or flaps *F F*, and the folded and interlocking edges *m m*, substantially as and for the purpose specified.
2. The combination of the eyelets *n n*, and stamped or printed impressions *v v* around them, when constructed and employed substantially as and for the purposes specified.

SIGMUND ULLMAN.

Witnesses:

JAMES H. GRIDLEY,
E. W. B. PHILLIPS.