

(No Model.)

B. LOEWENBACH.

COMBINED LETTER SHEET AND ENVELOPE.

No. 287,555.

Patented Oct. 30, 1883.

FIG. 1.

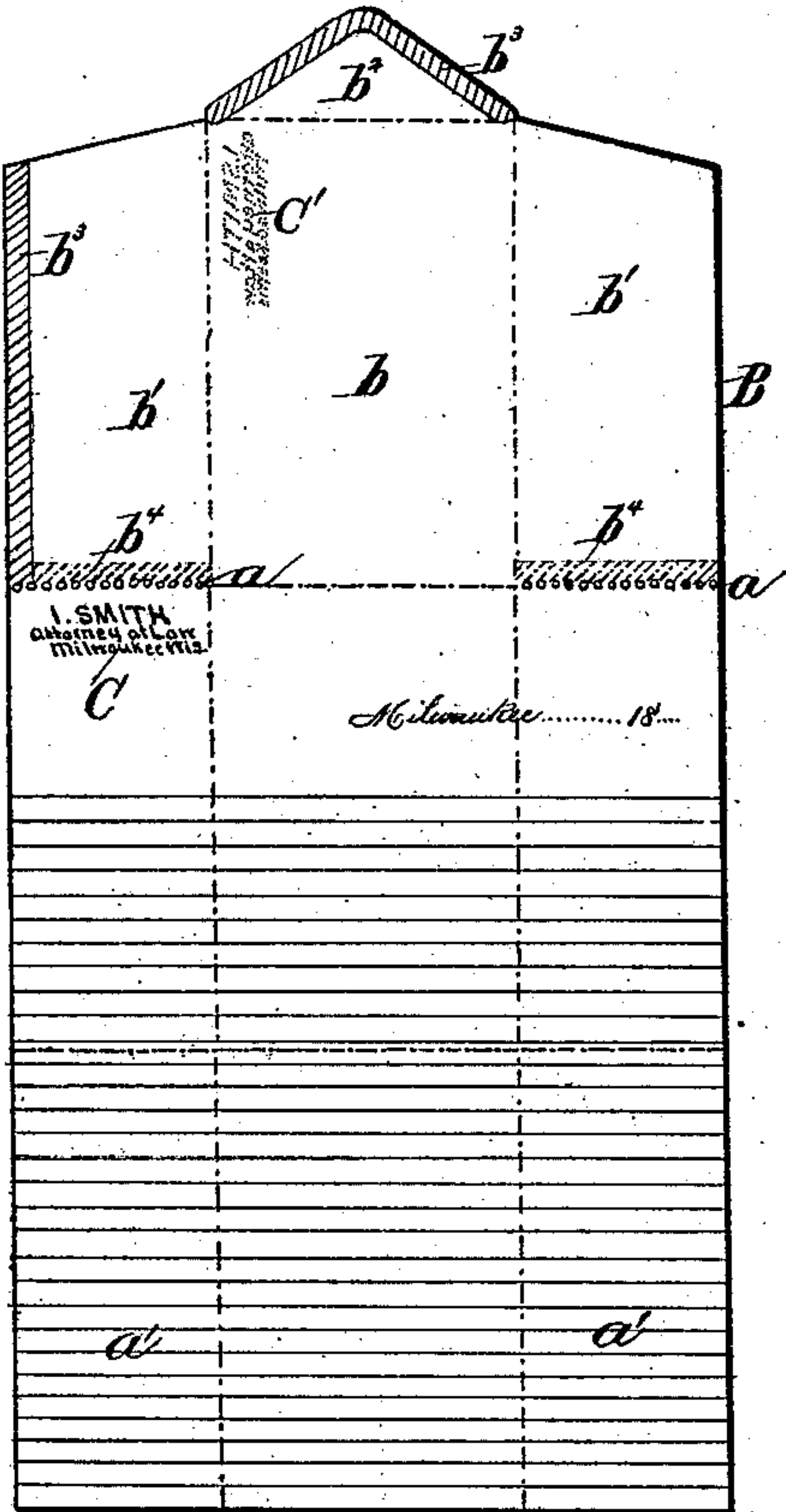


FIG. 2.

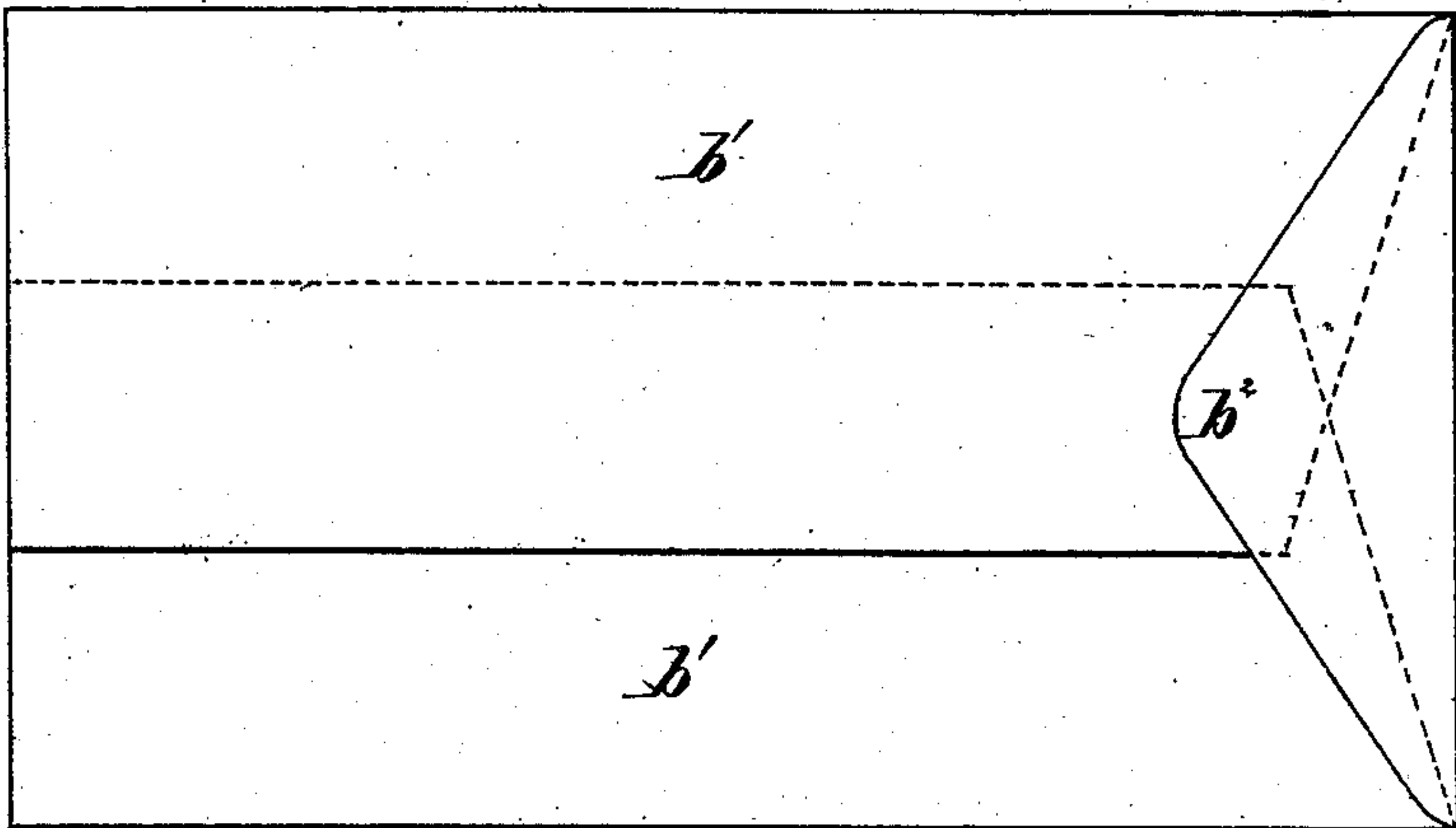
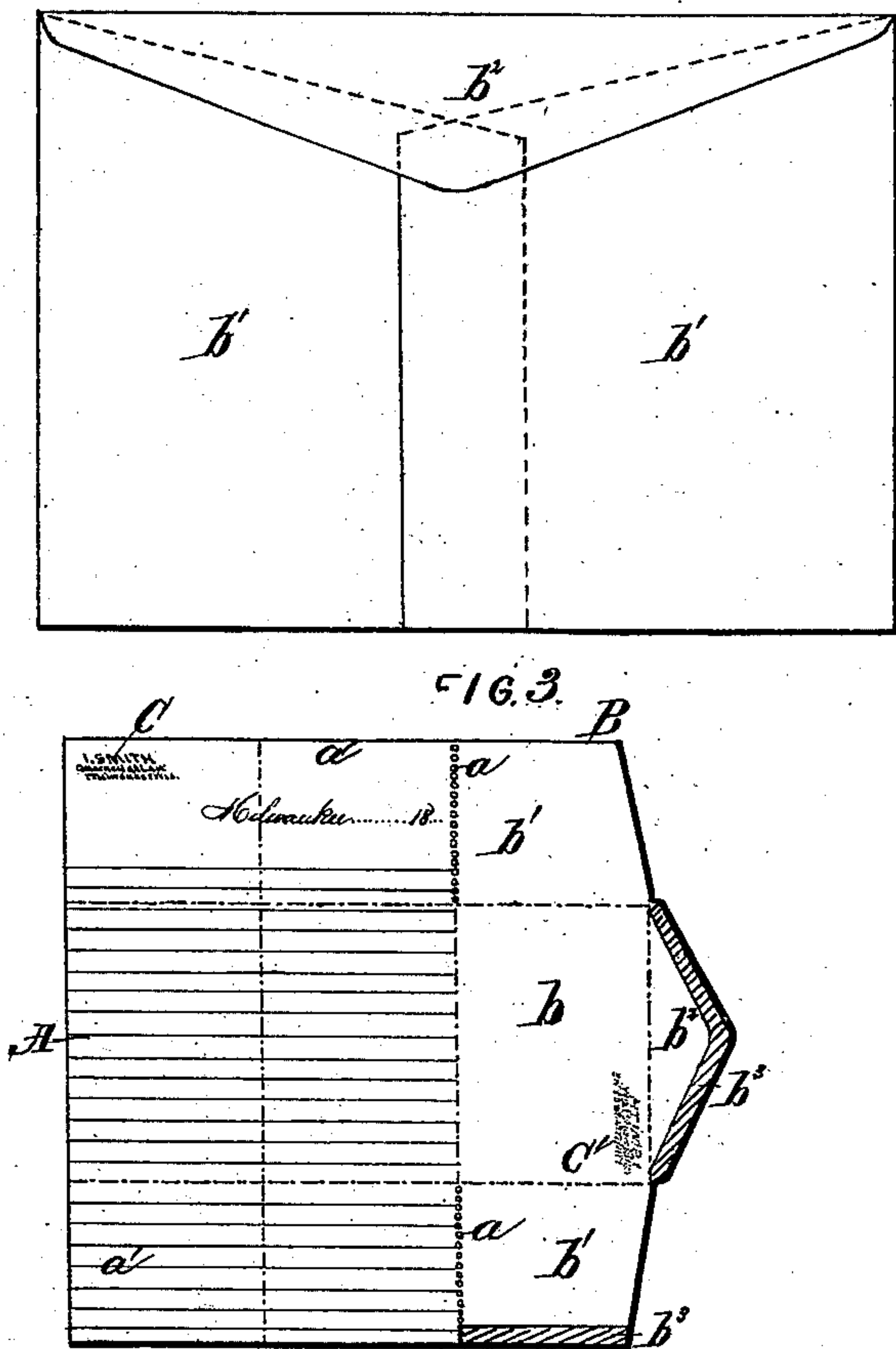


FIG. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

BERNHARD LOEWENBACH, OF MILWAUKEE, WISCONSIN.

COMBINED LETTER-SHEET AND ENVELOPE.

SPECIFICATION forming part of Letters Patent No. 287,555, dated October 30, 1883.

Application filed July 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, BERNHARD LOEWENBACH, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Combined Letter-Sheet and Envelope; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to envelopes and letter-sheets combined together in one piece; and it consists in certain peculiarities of construction, as more fully set forth hereinafter, and pointed out in the claims.

In the drawings, Figure 1 is a view of my device open for use in writing, and of the form known as the "letter style." Fig. 2 is an enlarged view of this form of my device folded within the envelope portion, ready for mailing or delivery. Fig. 3 is a view of the form of my device known as the "note style," open; and Fig. 4 is an enlarged view of the same folded and closed.

A is the letter-sheet, and B is the envelope-section, the latter consisting of the central or address portion, b , and the wings b' b' , which extend on each side of the central portion just as far as the side edges of the letter-sheet A, but no farther, and are solid therewith, save that a line of minute perforations, a , extends between the wings b' of the envelope-section and the wings or side portions, a' , of the letter-sheet A, from each side of the central portion of the said envelope-section outward, as shown. The object of this is to keep the envelope and letter integral during printing, (when it is desired to put letter-headings upon them, as shown at C in full lines and C' in dotted lines,) and yet have the parts A and B separable at these points when the letter has been written and is ready for folding, preliminary to mailing or delivery.

Of course it will be understood that my letter-sheet (and note-sheet) may be either ruled, as shown, or perfectly plain, and that the sheet may or may not have a printed card or letter-head on it, as preferred. When such card is printed, it is upon the reverse side from similar printing on the envelope-section, as indicated by the dotted lines at C' on the latter. As stated, I find the perforations a most convenient when the sheet is to be ruled or printed; but, if desired, the parts A and B may be sepa-

rated at their sides by a simple cut instead, or by indentations instead of perforations.

Above the central portion, b , of the envelope-section B, I form the sealing-flap b^2 , and this is provided with a line of mucilage, b^3 , as is one of the envelope-wings b' . The note style of combined letter-sheet and envelope, Figs. 3 and 4, is constructed in exactly the same way as the just-described letter style, except that the envelope-section joins the letter-sheet preferably at one side rather than at the top.

To indicate the manner in which the articles are to be folded, I have shown dotted or broken lines, (composed of alternate dots and dashes;) and it will readily be understood that, first, the letter-sheet is doubled upon itself, so that all the lines of writing will be inside, and then, at the perforations or indentations a , the wings of the letter-sheet are separated from the wings of the envelope-section, and the doubled letter-sheet wings are folded in over each other from right and left, and then all this thrice-doubled letter-sheet portion is again brought up, covering the inside of the central or address portion, b , of the envelope-section B, and the wings b' b' folded over that, the last wing having its line of gum b^3 moistened to secure it upon the other or first-folded wing, b' ; and, lastly, the sealing-flap b^2 is brought down over and on top of the wings b' , and its line of gum b^3 is also moistened, thus securing the whole compactly and thoroughly and permitting the letter to be examined only by cutting the envelope. For an additional safeguard against tampering with the sealed letter, the line of gum may be extended along the edges of the wings b' of the envelope-section, as shown at b^4 b^4 in Fig. 1, just above the rows of perforations or indentations a ; but this is optional and hardly necessary, as the sheet will be well secured within its envelope-section without this precaution. The note style is folded and secured in precisely the same way.

My combined letter-sheet and envelope can also be used for printed circulars, and in such case the flap b^2 can be left ungummed, so that the said circulars may be in condition for the inspection of postmasters, who can thereby ascertain that they contain no written matter without unfolding the same, it being only necessary, with the printed circulars, to fold the

printed sheet first in just the reverse way to that described for the written sheet, so as to expose rather than conceal the contents.

The form of device denominated the "note style" is particularly adapted for such printed circulars, leaving the flap b^2 ungummed, as stated; or the flap b^2 might be omitted for such circulars, if desired.

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

1. A combined letter-sheet and envelope composed of the parts A and B, forming the letter-sheet and independent envelope, respectively, and the wings a' and b' of the said parts, having their outer edges in line with each other, without any projecting portions, and adapted to be separated by means of perforations, &c., when the device is to be folded, substantially as set forth.

2. In a combined letter-sheet and envelope, the part A, having wings $a' a'$, in combination

with the part B, having wings $b' b'$, one of which is provided with a line of gum, b^3 , the wings a' and b' being made separable by the rows of perforations, cuts, or indentations $a a$, and the sealing-flap b^2 , having also a line of gum, b^3 , substantially as set forth.

3. In a combined letter-sheet and envelope, the combination of the part A, with wings $a' a'$, forming the letter-sheet, the part B, with wings $b' b'$, constituting the envelope-section, the wings a' and b' having perforations, cuts, or indentations between them, and the sealing-flap b^2 , the said flap and wings of the envelope-section being provided with the lines of gum $b^3 b^3 b^4 b^4$, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, on this 2d day of July, 1883, in the presence of two witnesses.

BERNHARD LOEWENBACH.

Witnesses:

H. G. UNDERWOOD,
A. L. LOEWENBACH.