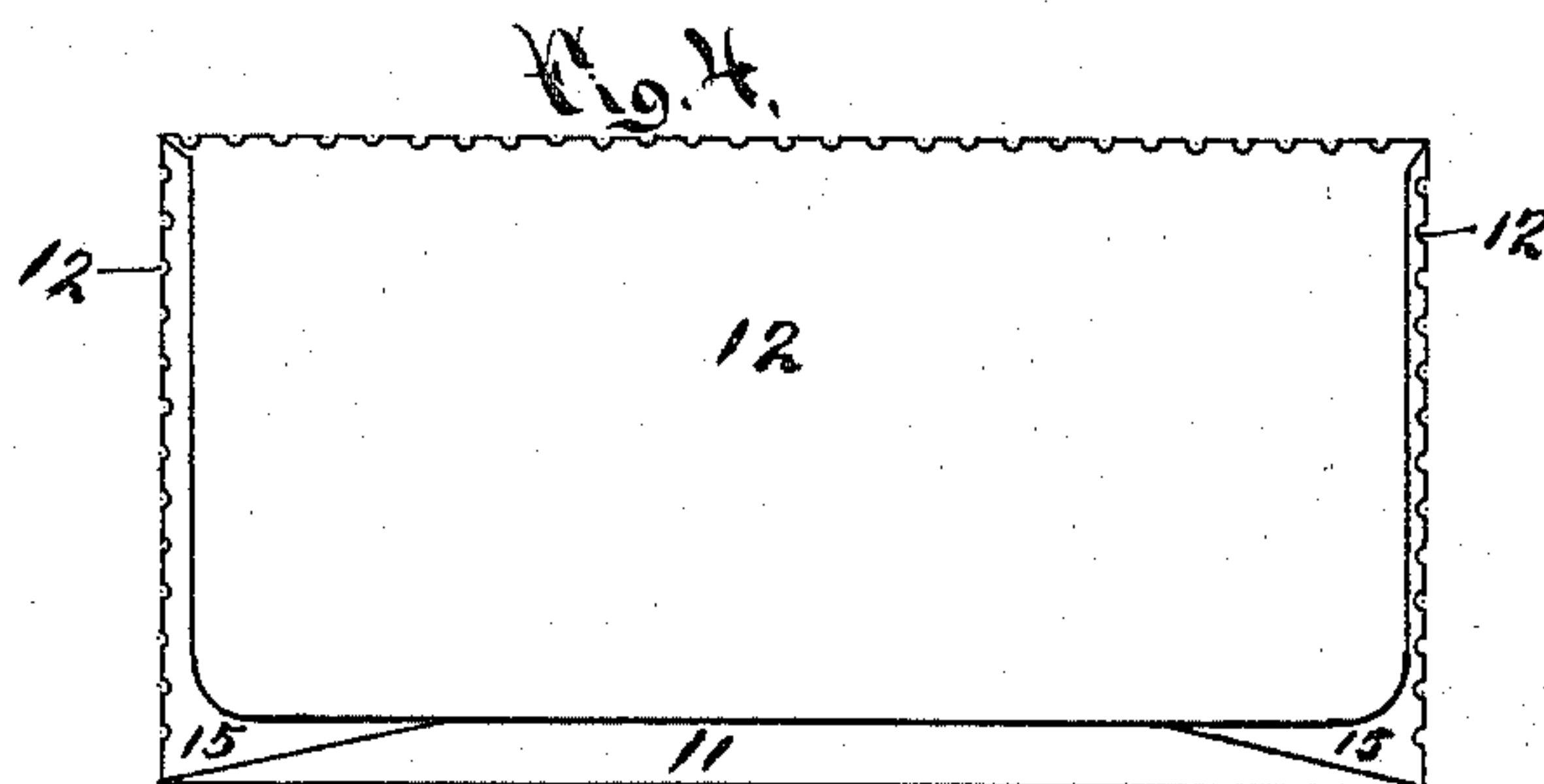
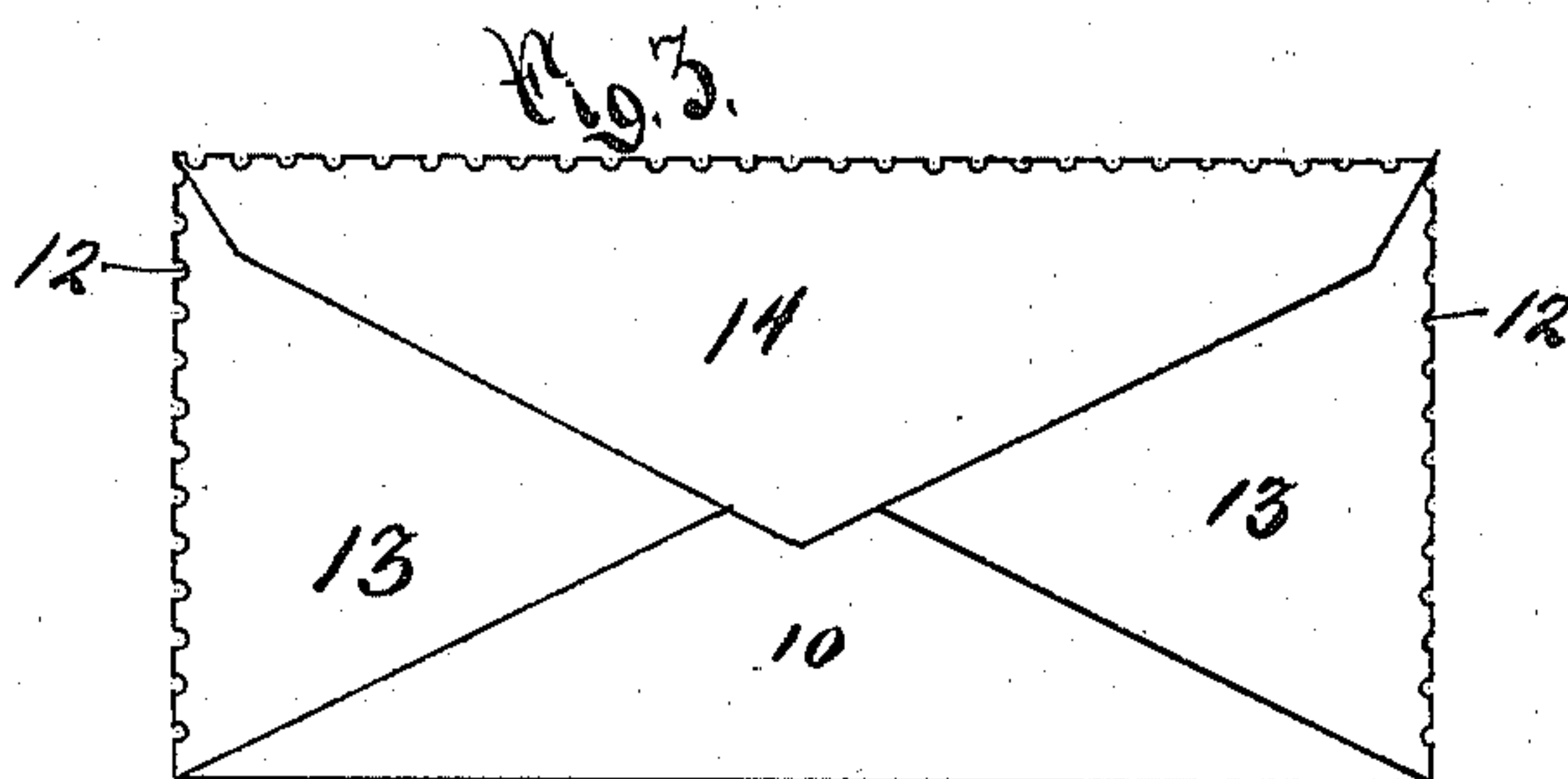
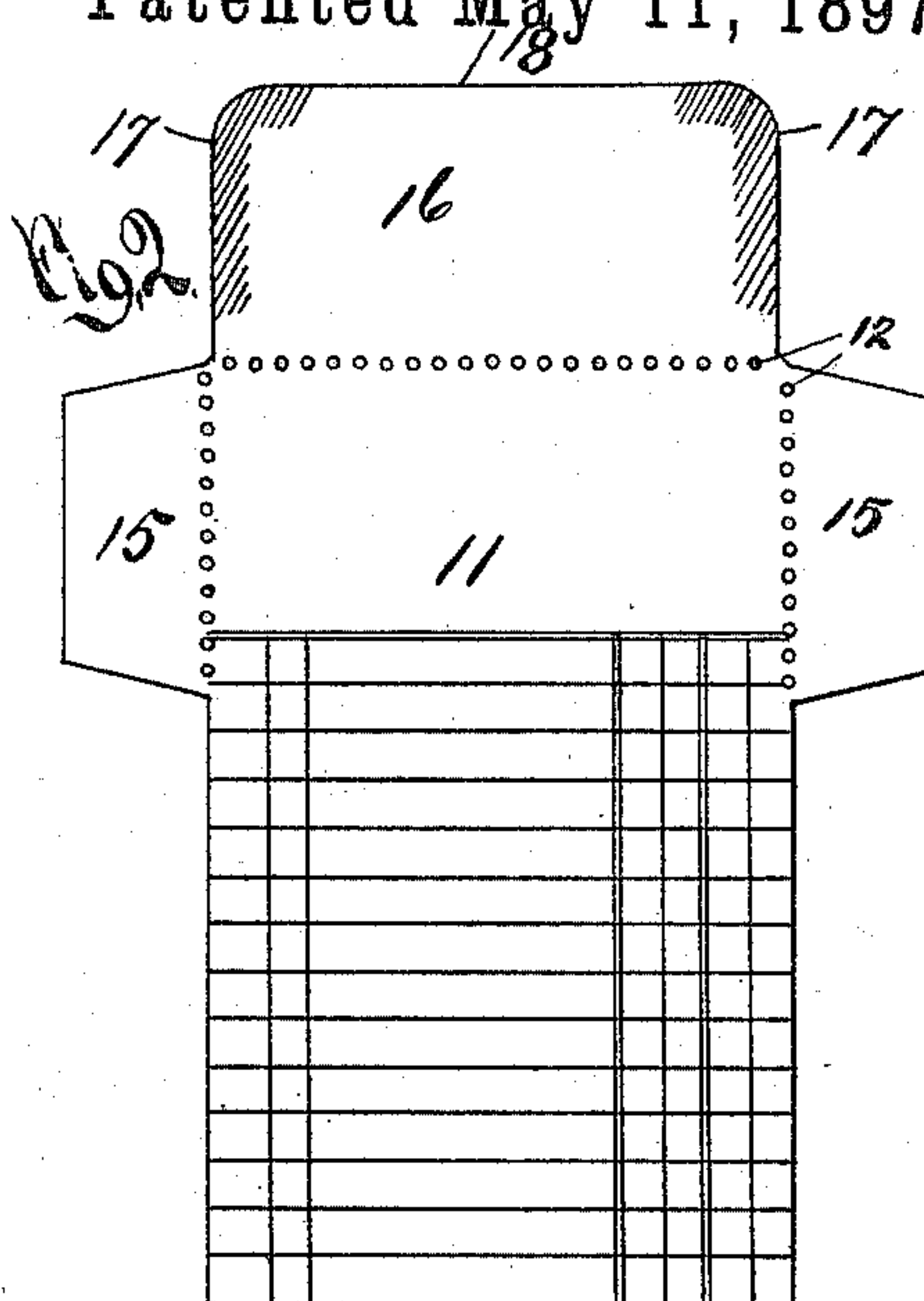
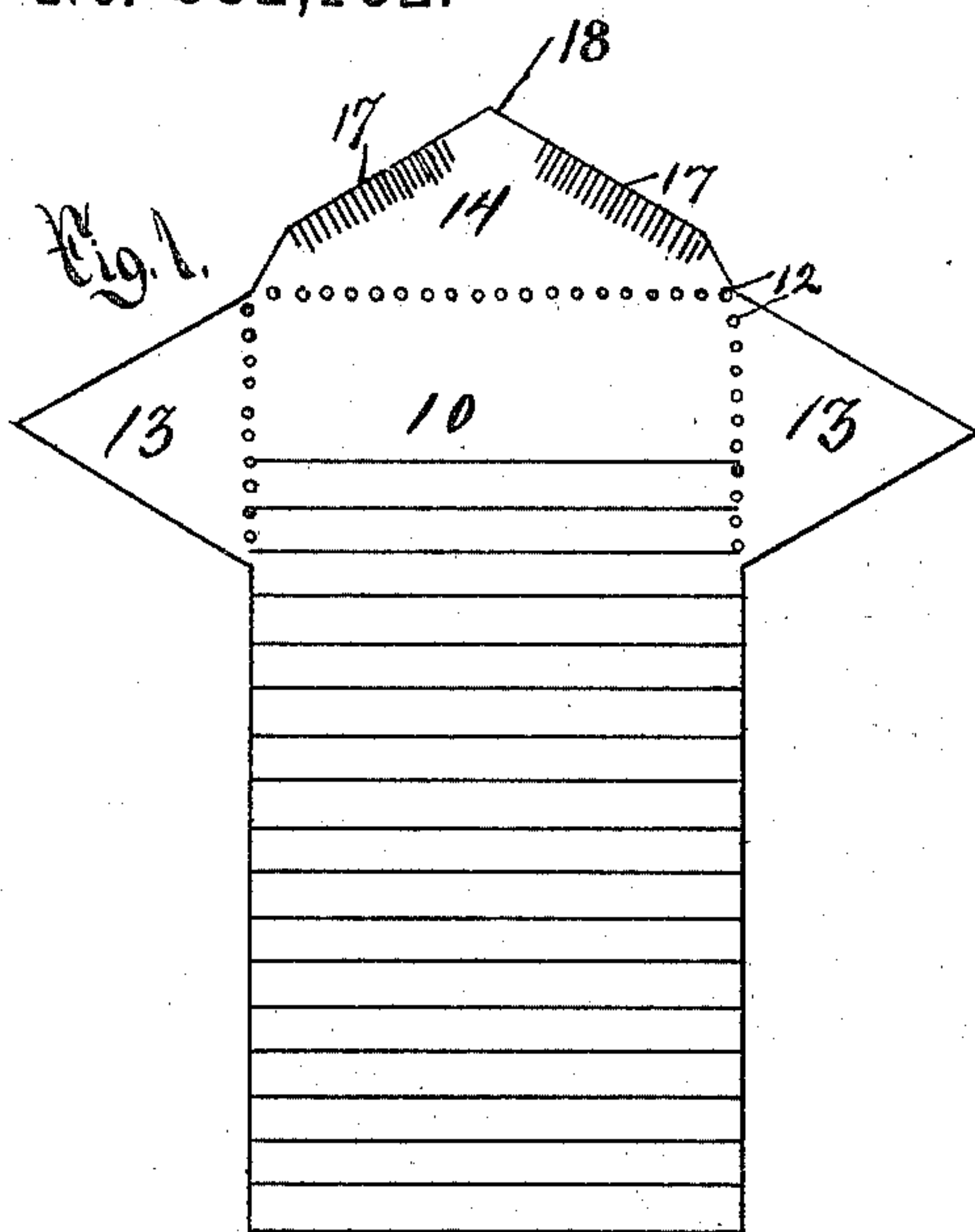


(No Model.)

P. M. DEAN.  
COMBINED LETTER SHEET AND ENVELOP.

No. 582,182.

Patented May 11, 1897.



Witnesses

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By His Attorneys

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# UNITED STATES PATENT OFFICE.

PAUL M. DEAN, OF JAMESTOWN, NEW YORK.

## COMBINED LETTER-SHEET AND ENVELOP.

SPECIFICATION forming part of Letters Patent No. 582,182, dated May 11, 1897.

Application filed February 23, 1897. Serial No. 624,524. (No model.)

*To all whom it may concern:*

Be it known that I, PAUL M. DEAN, a citizen of the United States, residing in the city of Jamestown, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in a Combined Letter-Sheet and Envelop; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to do away with a separate envelop and to make the letter-sheet, bill-head, or other inclosure so that it can be folded and sealed as in a common envelop, and by tearing off the perforated laps of the sealed message the sheet is left perfect as if sent in a common envelop in the usual way, all of which will be fully understood by this specification and the accompanying drawings, in which—

Figure 1 shows the inside of an open combined letter-sheet and envelop. Fig. 2 shows another style of same ruled for a bill-head. Fig. 3 shows Fig. 1 closed. Fig. 4 shows Fig. 2 closed.

Similar numerals in the several views refer to similar parts.

In the drawings, 10 in Fig. 1 is a regular ruled letter-sheet, and 11 in Fig. 2 is the same ruled for a bill-head, and they are made of about the usual size.

13 13 and 15 15 are ungummed side flaps which fold in on the line of perforations 12 12. Top flaps 14 and 16 fold on their line of perforations across the top of the sheet. The short oblique lines 17 17 on top flaps 14 and 16 show where the envelop part is gummed. This gumming on top flaps 14 and 16 adheres to the side flaps 13 13 and 15 15 after they are folded in on perforated lines 12 12. The blank spaces 18 18 are left ungummed, so that no gum will come in contact with sheet 10 or 11. The blank spaces 18 18 also serve the purpose of a place to take hold of in opening the envelop. The perforated lines 12 12 around the top of sheets 10 11 are for the purpose of more easily folding the different flaps to form the back of the envelop and also to prevent the main sheets 10 and 11 from being torn when the sealed message is opened.

The use is as follows: After the letter or bill has been written the bottom of the sheet

is taken and brought over to the bottom of the side flaps 13 13 or 15 15 evenly and the fold made. Then the sheet is folded again, the part already folded being brought to the perforated line at the top, and the fold then comes at the bottom of the side flaps. The side flaps are then brought in and easily folded on the line of perforations, and the top flap in like manner is folded down last of all. The gum being dampened on the top flap, it readily adheres and seals the message, the gum only coming on the side flaps, as stated. Figs. 3 and 4 show the back of the sealed message, and the front is left for address, the same as a common envelop. To open the sealed envelop, take hold of part 18 and raise it, and with a pencil or knife inserted under the flaps follow the perforations around the three sides of the envelop and these are readily cut or torn from the main sheet, leaving it clean for filing. The perforations on the three sides, as shown in Figs. 3 and 4, and the gumming of the upper flaps 14 and 16 are essential parts of my invention.

If it is desired to send these sheets unsealed, the side flaps can be easily torn off on the perforated lines and the top flap closed down on the back of the sheet, leaving the ends open for inspection.

It will be understood that my combined letter-sheet and envelop may be made by machinery and folded up and put in boxes the same as the common envelop, or the sheets may be suitably ruled and presented to the trade flat and the folding all done by hand, and for this reason the perforations are particularly desirable.

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

A combined envelop and letter-sheet composed of the main body 10, perforations 12 12, side flaps 13 13, end flap 14 provided with gummed edges 17 17 and bare edge 18, all combined to operate in the manner and for the purpose set forth.

In witness that I claim the foregoing I subscribe my name, in the presence of two witnesses, this 20th day of February, A. D. 1897.

PAUL M. DEAN.

In presence of—

R. G. OWENS,

EDWIN B. DEWEY.