

(Model.)

W. A. GANS.

COMBINED LETTER SHEET AND ENVELOPE.

No. 245,368.

Patented Aug. 9, 1881.

FIG. I.

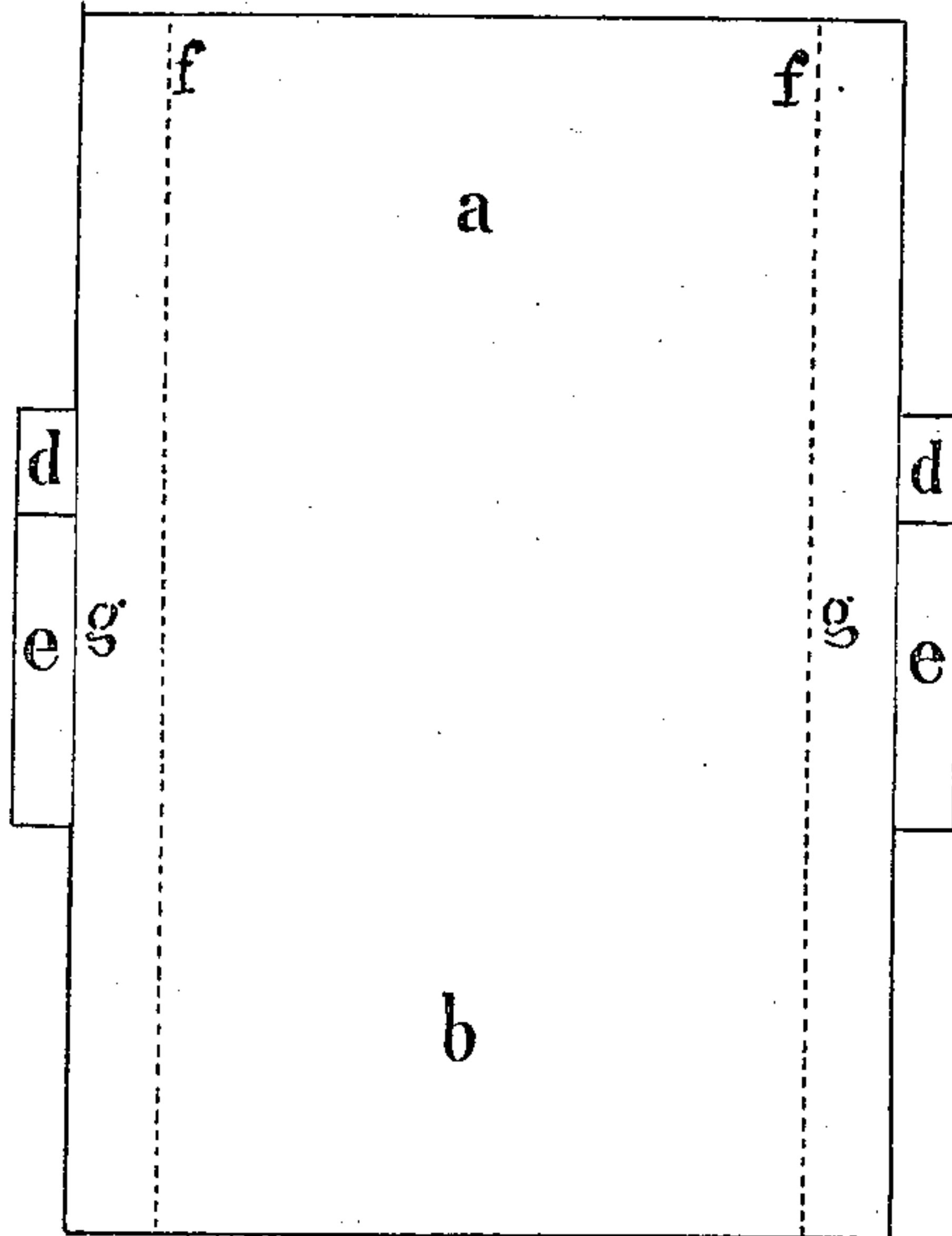


FIG. II.

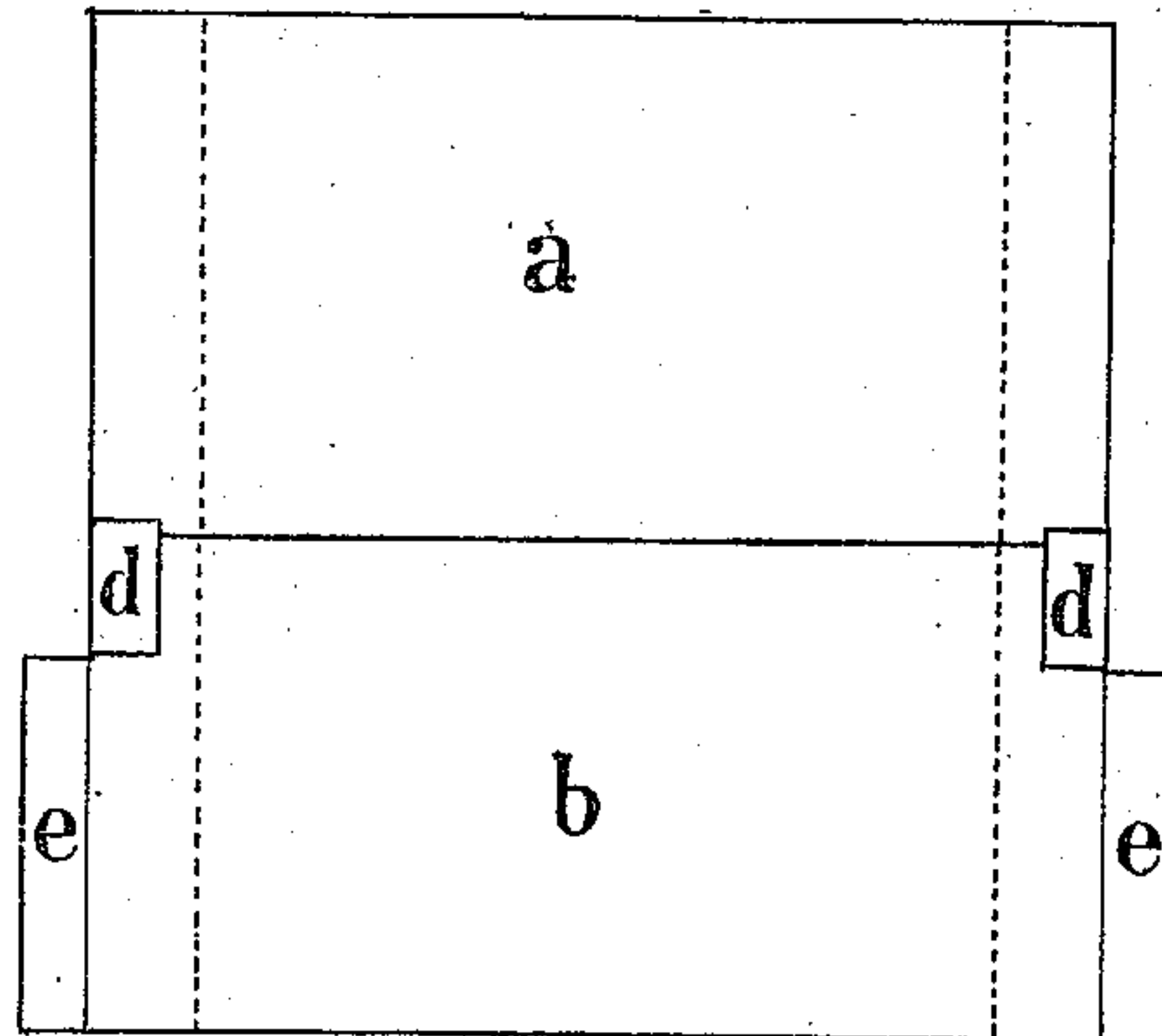


FIG. III.

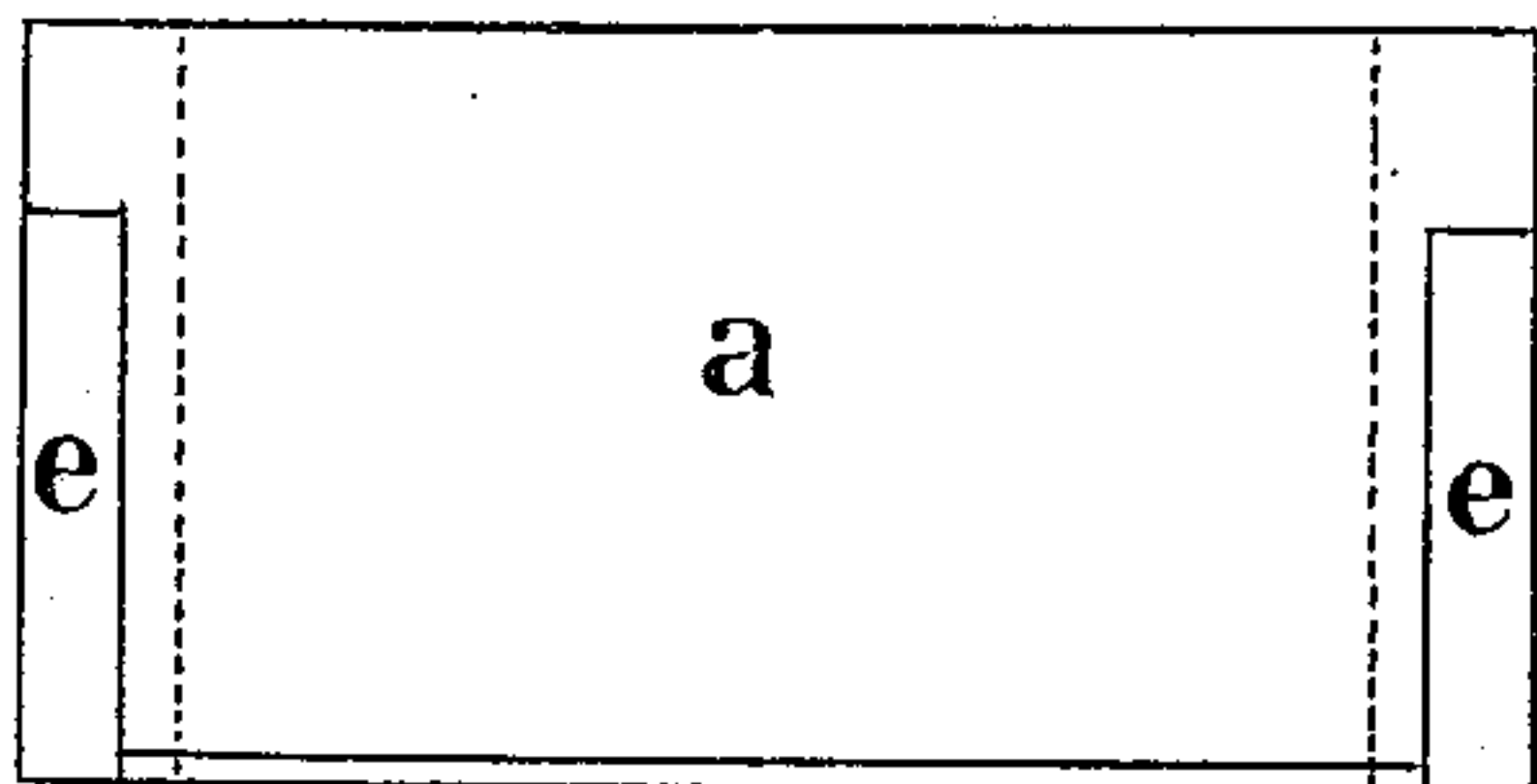
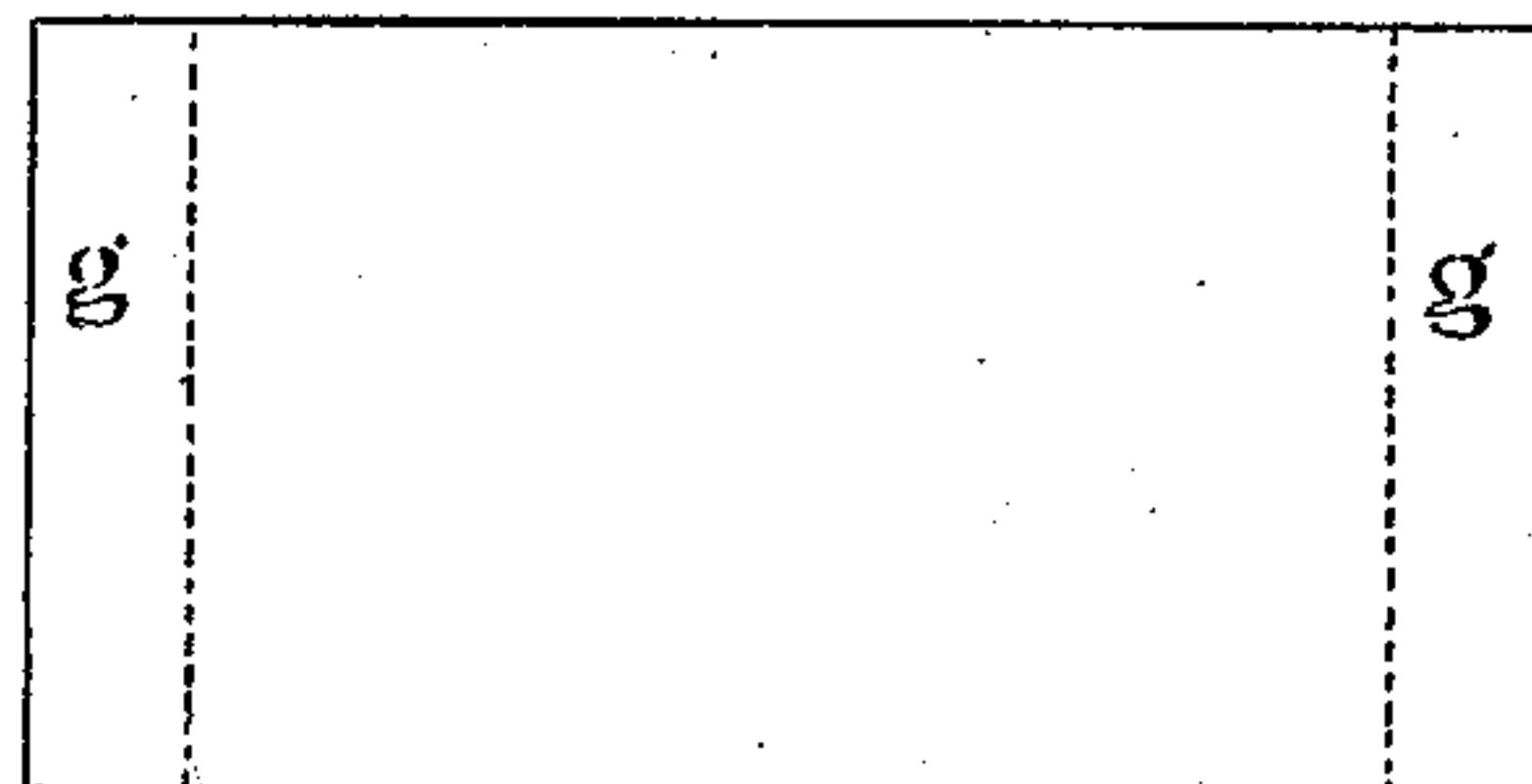


FIG. IV.



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## COMBINED LETTER-SHEET AND ENVELOPE.

SPECIFICATION forming part of Letters Patent No. 245,368, dated August 9, 1881.

Application filed April 22, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. GANS, a citizen of the United States, residing in the city, county, and State of New York, have invented an Improvement in a Combined Letter-Sheet and Envelope, of which the following is a full, clear, and accurate description, reference being had to the accompanying drawings.

10 The object of my invention is to make a sheet of paper serve two purposes—namely, that of a letter-sheet and envelope.

In the drawings, Figure I shows a sheet of paper without folding, made according to my invention, with gummed flaps and perforated lines, as more particularly described hereinafter. Fig. II shows a sheet of paper half-way folded and fastened. Fig. III shows a sheet of paper entirely folded and fastened, thus forming an envelope, which figure also presents or shows the back of the envelope. Fig. IV shows the sheet of paper folded and fastened, being the front of the envelope.

I make my improvement as follows: It consists of a sheet of paper of any desired size or design, with gummed flaps on two sides, as shown on the drawings by letters D and E in Fig. I. Each flap is divided by a cut, making an upper and lower section, as shown by the line between the letters D and E in Fig. I. The two sides of the paper contain a perforated line, either of dots or notches, running the entire length of the sheet, as shown by letter F. The flaps are then moistened and the paper is folded from the bottom up, so that the upper section of the flap will be directly opposite the sides of the lower end of the sheet, as shown by letter B in Fig. II. The upper sections of the

flap are then turned in upon the sides of the lower portion of the sheet so folded, thereby fastening the same, as shown by letters D d in Fig. II. The upper portion of the sheet is then folded downward, so that it will cover letter B of Fig. II, already folded and secured by the upper section of the flap, as shown by letter A in Fig. III. The lower sections of the flaps are then turned in upon the outside of the upper portion of the sheet, as shown by letter E of Fig. III, thereby securing the document or letter and making a complete envelope, as shown by Fig. IV, which is the front view of the envelope, and Fig. III, showing the back view.

By the construction above described the sections B A of the letter-sheet are separately and successively fastened by the flaps D E, the flap E for the outer section being preferably the largest, and neither section can be drawn out or opened without tearing.

To open the envelope the paper outside of the perforated line should be detached, as shown by letter G on Fig. IV, thereby leaving a complete sheet of paper with the written or printed matter thereon.

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

A letter-sheet provided with sections A and B, and gummed flaps D E for separately fastening each of said sections, substantially as specified.

WILLIAM A. GANS.

Witnesses:

HERMAN FRANK,  
JONAS H. GOODMAN.