May 1, 1923.

A. D. FIELD

1,453,758

ENVELOPE

Filed Dec. 21, 1921

2 Sheets-Sheet 1

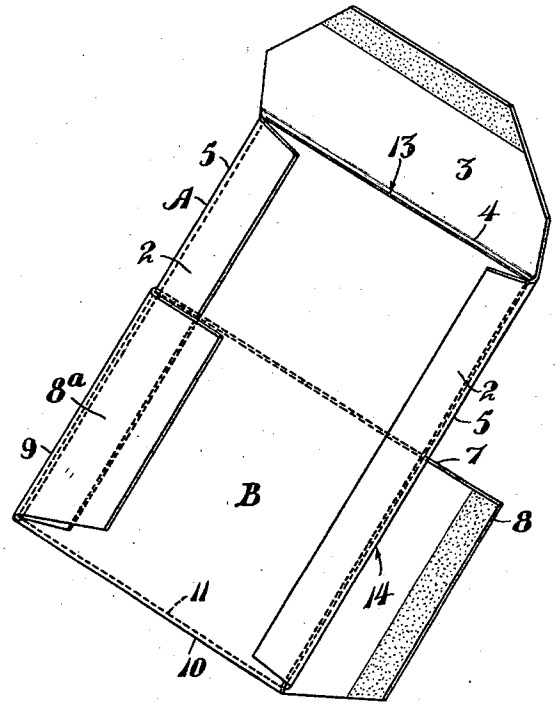
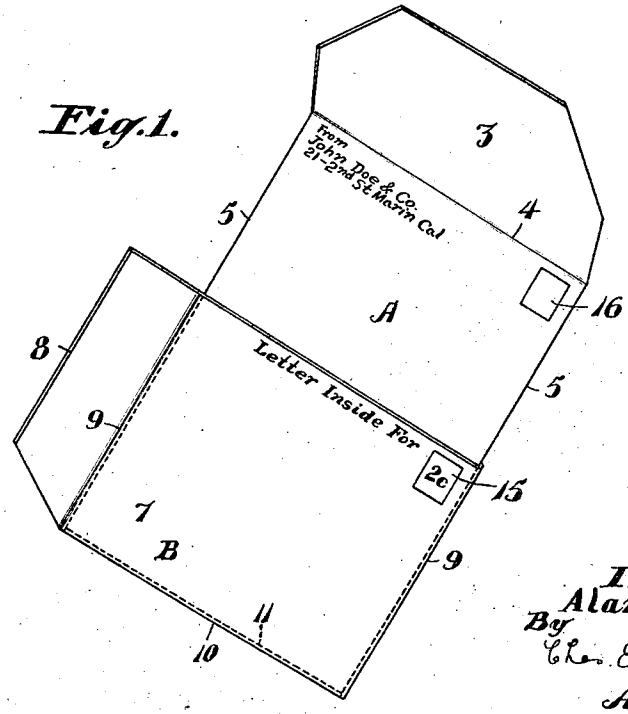


Fig. 2.

Fig. 1.



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Fig. 3.

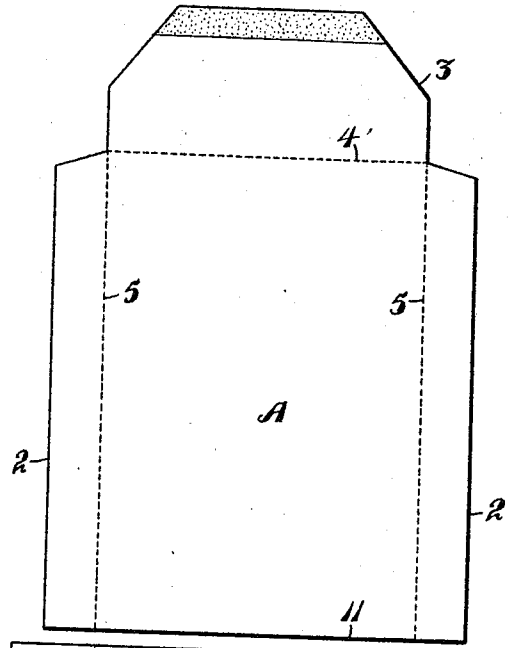
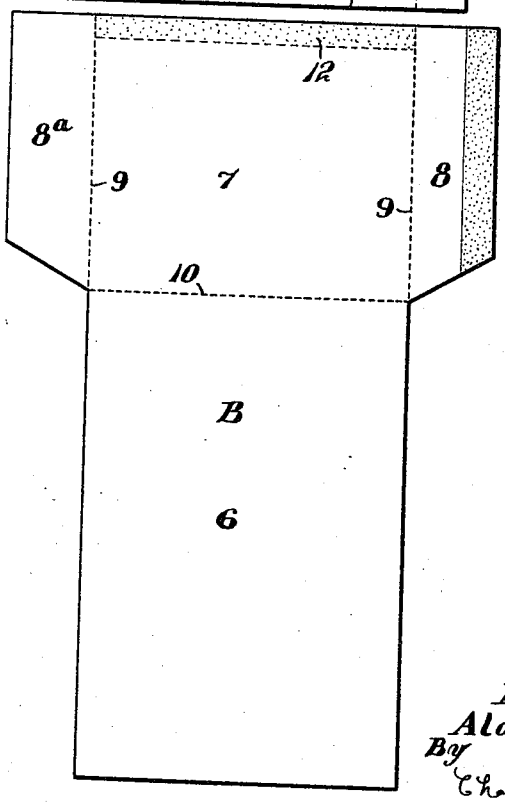


Fig. 4.



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UNITED STATES PATENT OFFICE.

ALAN D. FIELD, OF OAKLAND, CALIFORNIA, ASSIGNOR TO THE FIELD-ERNST ENVELOPE CO., OF SAN FRANCISCO, CALIFORNIA, A PARTNERSHIP.

ENVELOPE.

Application filed December 21, 1921. Serial No. 523,812.

To all whom it may concern:

Be it known that I, ALAN D. FIELD, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Envelopes, of which the following is a specification.

This invention relates to envelopes, and especially to a double compartment or duplex envelope.

Due to the fact that mail matter has been divided into first, second and third classes, and has been allotted special rates of postage, it has become common practice to mail first and second class matter in separate envelopes to obtain the advantages of the varying rates.

In large concerns where quantities of sales letters and accompanying catalogues are mailed out, it must be admitted that considerable time is wasted due to the fact that each envelope must be separately addressed, and it is obvious that cost is also increased considerably, due to the separate envelopes required. These features are objectionable but other features of more importance are encountered due to the mail classification or system employed; for instance a sales-letter regarding certain goods may be written and mailed today and a catalogue or other descriptive matter may also be mailed under separate cover. As this separate enclosure is handled by the second or third class mail, it seldom reaches the prospective customer with the sales-letter: it being often found that there is several days delay before delivery of the second class mail, and again, it often happens that the second class mail is lost or miscarried. Such delay in delivery is not only an inconvenience, but has often caused loss of big sales as the long wait between the first delivery of the sales-letter and the second delivery of the catalogue or other mail matter causes loss of interest concerning the matter at hand, etc. For this reason a double compartment or duplex envelope should be of great value as it will not only save paper and cost of material, time in the office where addressing of envelopes is attended to, and it will at least insure simultaneous mailing and delivery of both the first and second class mail matter.

The envelope forming the subject matter of the present application relates to a duplex envelope and is designed to permit simultaneous mailing and delivery of both the first and second class mail; the object being to generally improve and simplify envelopes of the character described; to economize in the quantity of paper required during the manufacture of the envelopes; to reduce the cost of manufacture and still insure the production of a strong, durable envelope.

Other objects will hereinafter appear.

The invention consists of the parts and the construction, combination and arrangement of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Fig. 1 is a perspective view of the front side of the envelope.

Fig. 2 is a perspective view of the rear side of the envelope.

Fig. 3 is a plan view of the front blank of the envelope.

Fig. 4 is a plan view of the rear blank from which the envelope is formed.

Referring to the drawings in detail, and particularly to Figs. 3 and 4, it will be seen that the envelope is constructed of two blanks. The blank indicated at A will be referred to as the front blank, and the blank indicated at B, as the rear blank. The front blank is, practically speaking, rectangular in shape, each side being provided with a foldable flap 2, and one end with a main flap 3, the use of which will hereinafter be described. The flap 3 is adapted to be folded along the line indicated at 4, and the flaps 2 along the lines indicated at 5. The rear blank is similarly, practically speaking, rectangular in form, consisting of a rear section 6 and an enlarged end section 7, which is provided with side flaps 8; the blank as a whole being folded along the lines indicated at 9 and 10. The two blanks illustrated may be formed in any manner desired, as by means of dies or otherwise. They may then be assembled by applying adhesive along the flaps indicated at 2 and 3, and also by applying adhesive to the flaps indicated at 8, and along the edge indicated by the dotted line 12. With the adhesive applied, the front blank is placed on top of the rear blank until the lower end of the front blank, indicated at 11, aligns with the folding line 10. The section 6 is then folded over the front section and it is there secured by pasting down the side flaps 2 and finally one of the side flaps or that

indicated at 8^a; the flaps 3 and 8 being temporarily left open to permit insertion of the first and second class mail matter before mailing the same. In fact the envelope is completed when the two blanks have been assembled and the flaps 2 and 8^a pasted in position. The envelope when completed has the appearance of an ordinary envelope, the only difference being that one main large compartment is formed between the sections B and A as indicated at 13, which may be closed by the flap 3, and a second compartment, indicated at 14, is formed on the front side of the envelope which may be closed by the flap 8. In other words the first class matter is placed in the compartment 14 and retained therein by closing the flap 8, while the catalogue is placed in the main compartment 13 and is enclosed by the flap 3. Separate postage for the first and second class matter may then be applied at the points indicated at 15 and 16 and the envelope is then ready for addressing and mailing or it may of course be addressed before the mail matter is inserted. This materially reduces time as only one envelope is addressed; it reduces the quantity of paper required during the manufacture of the envelope; it insures simultaneous mailing of the first and second class matter, and above all insures simultaneous delivery of the first and second class matter.

The envelope here illustrated is excedingly economical to manufacture as the blanks can be formed with a minimum of waste. The sections of the envelope can be quickly assembled during the manufacture thereof by hand, machinery or otherwise. The final product obtained is a strong, durable envelope as the edges are materially reinforced, first by the flaps 2, and secondly by the flaps 8 and 8^a, as these are sufficiently long to overlap the flaps 2 as illustrated in Fig. 2.

While certain features of the present invention are more or less specifically illustrated, I wish it understood that various changes in form and proportion may be resorted to within the scope of the appended claims, similarly that the materials and finish of the several parts employed may be such as the experience and judgment of the manufacturer may dictate or varying uses may demand.

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

1. An envelope of the character described having a comparatively large rectangular shaped compartment formed therein for the reception of printed matter less than first class, and a comparatively small rectangular shaped letter compartment formed on the front of the large compartment and at the lower end thereof, a flap on one end of the envelope foldable over the rear thereof and adapted to close the large compartment, and a flap formed on the side of the envelope and also foldable over the rear side thereof to form a closure for the small compartment.

2. An envelope of the character described comprising a front blank and a rear blank, a pair of longitudinally extending flaps formed one on each side of the front blank and foldable over the sides of the rear blank and adapted to be pasted thereto to secure the rear blank, a comparatively large rectangular shaped compartment formed between the front and rear blanks and adapted to be sealed at one end by a closing flap forming an extension of the upper end of the front blank, an extension on the lower end of the rear blank adapted to be folded over the lower end of the front blank to form a bottom for the large compartment and to form a comparatively small compartment on the front of the front blank, a pair of flap like extensions formed one on each side of the extension on the rear blank and foldable over the flaps formed on the front blank, one of said flaps adapted to be permanently pasted to close one end of the small compartment, and the other flap adapted to be pasted when mail matter has been placed in the small compartment, the upper edge of said extension also adapted to be pasted to the front blank to close the upper portion of the small compartment.

3. An envelope of the character described comprising a front blank and a rear blank, a pair of longitudinally extending flaps formed one on each side of the front blank and foldable over the sides of the rear blank and adapted to be pasted thereto to secure the rear blank, a comparatively large rectangular shaped compartment formed between the front and rear blanks and adapted to be sealed at one end by a closing flap forming an extension of the upper end of the front blank, an extension on the lower end of the rear blank adapted to be folded over the lower end of the front blank to form a bottom for the large compartment and to form a comparatively small compartment on the front of the front blank, a pair of flap like extensions formed one on each side of the extension on the rear blank and foldable over the flaps formed on the front blank, one of said flaps adapted to be permanently pasted to close one end of the small compartment, and the other flap adapted to be pasted when mail matter has been placed in the small compartment, the upper edge of said extension also adapted to be pasted to the front blank to close the upper portion of the small compartment, said flaps being longer than the side flaps on the front blank to overlap and reinforce the same.

ALAN D. FIELD.