Feb. 24, 1931. W. ZABEK 1,794,223

COMBINED LETTER SHEET AND ENVELOPE

Filed June 21, 1927 2 Sheets-Sheet 1

Fig.1.

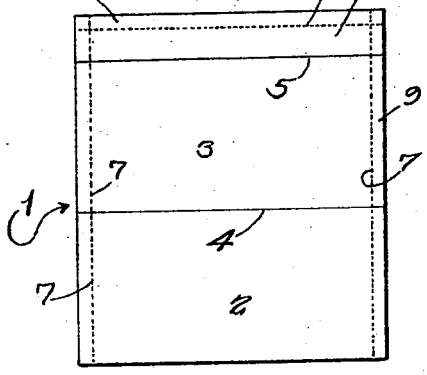


Fig.2.

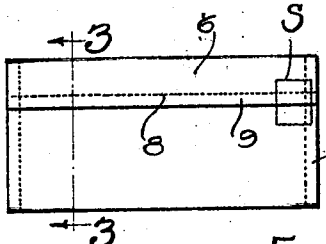


Fig.3.

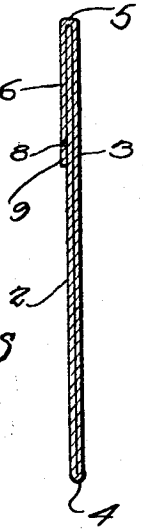


Fig.5.

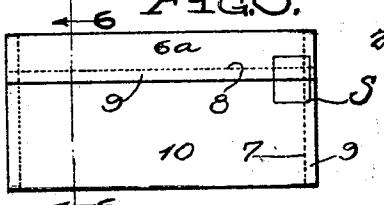


Fig.4.

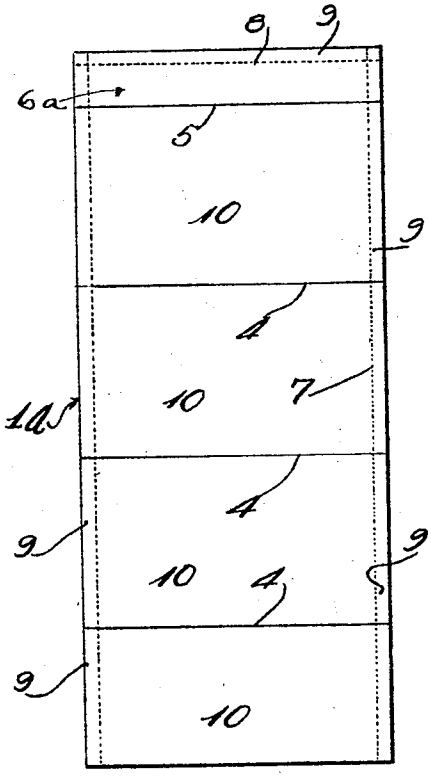


Fig.7.

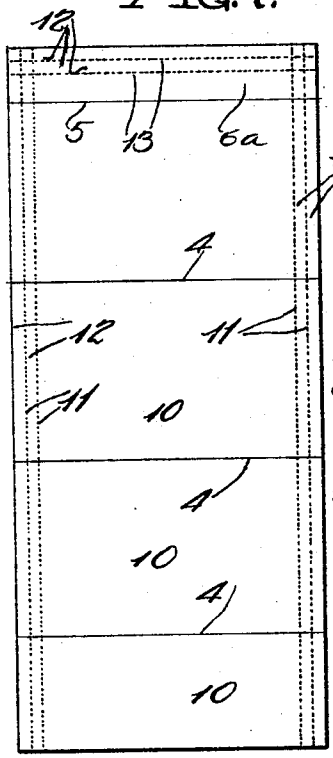


Fig.6.

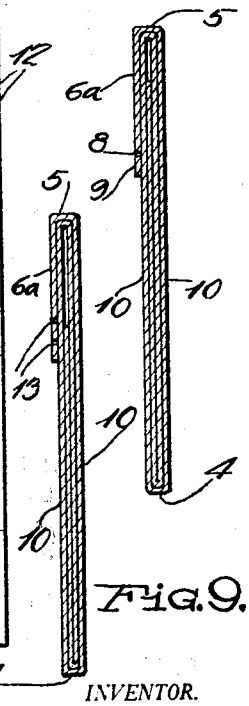
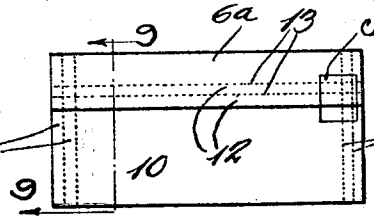


Fig.9.

Fig.8.



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COMBINED LETTER SHEET AND ENVELOPE

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Fig. 10.

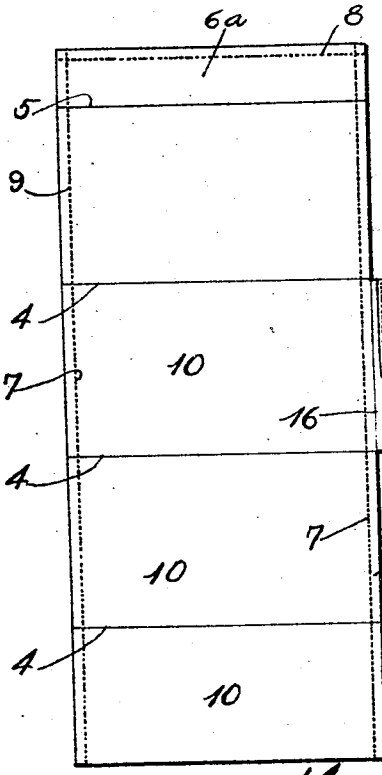


Fig. 11.

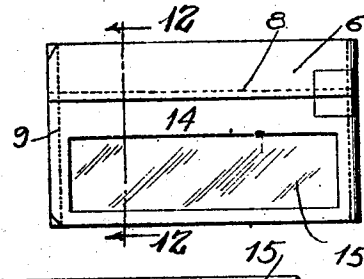
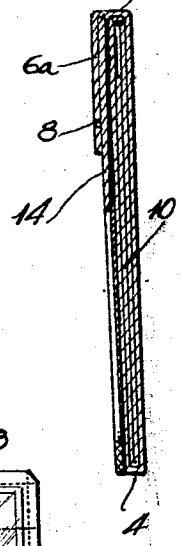


Fig. 12.



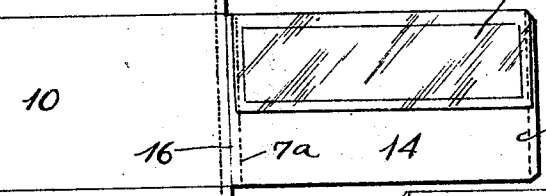


Fig. 14.

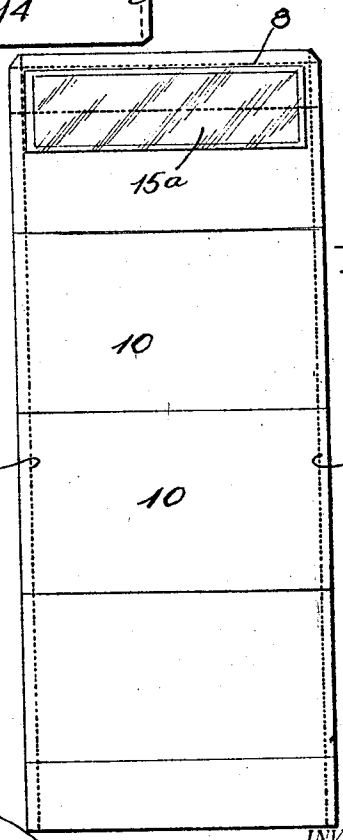


Fig. 13.

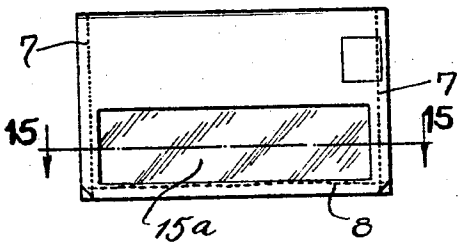
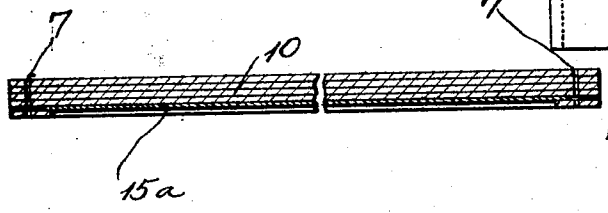


Fig. 15.



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UNITED STATES PATENT OFFICE

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COMBINED LETTER SHEET AND ENVELOPE

Application filed June 21, 1927. Serial No. 200,377.

This invention relates to certain new and useful improvements in a combined letter sheet and envelope and has for its primary object to provide a letter sheet folded into envelope formation and constructed in a manner that when folded and sealed, tampering with the same to gain access will be impossible without leaving evidence of such action.

A further object of the invention is to provide a combined letter sheet and envelope of rectangular formation in open plan view with a line of tearing perforations adjacent each side edge and one end defining a tearing margin that is adhesively coated, the gummed side edges being adhesively secured together when the blank is folded into envelope formation, while the end of the blank provided with the tearing line of perforation is folded in a manner to provide a relatively short end flap section with the end gummed edge adhesively secured to the blank with the postage stamp overlying the edge of the end flap section.

A further object of the invention is to provide a combined letter sheet and envelope of the above type carrying a side section having a transparent window therein for overlying the address upon the envelope to prevent tampering therewith without detection, this form of the invention further embodying the idea of locating the transparent window at one end of the letter sheet blank.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claimed.

In the accompanying drawings wherein like reference characters are employed to indicate corresponding parts throughout the several views,

Figure 1 is a plan view of the blank of a combined letter sheet and envelope constructed in accordance with the present invention, the blank being of a length to provide two folding sections and an end flap with lines of tearing perforations at the opposite side edges of the blank and also at the edge of the end flap;

Figure 2 is a plan view of the letter sheet blank shown in Figure 1 molded into envelope formation with the gummed edges of the blank between the tearing line of perforations and the edge of the blank adhesively secured together and with the postage stamp overlying the edge of the end flap;

Figure 3 is a vertical cross sectional view taken on line 3—3 of Figure 2;

Figure 4 is a plan view, similar to Figure 1 showing the blank of a length to provide a larger number of foldable sections;

Figure 5 is a plan view of the letter sheet blank shown in Figure 4 folded into envelope formation;

Figure 6 is a cross-sectional view taken on line 6—6 of Figure 5;

Figure 7 is a plan view of an envelope blank similar to Figure 4 showing double lines of tearing perforations;

Figure 8 is a plan view of the letter sheet blank shown in Figure 7 folded into envelope formation;

Figure 9 is a cross-sectional view taken on line 9—9 of Figure 8;

Figure 10 is a plan view of the letter sheet blank, similar to Figure 4 with a side section carrying a transparent window for overlying an address;

Figure 11 is a plan view of the letter sheet blank shown in Figure 10 folded into envelope formation;

Figure 12 is a cross-sectional view taken on line 12—12 of Figure 11;

Figure 13 is a plan view of a letter sheet blank having the transparent address window in one end thereof;

Figure 14 is a plan view of the letter sheet

blank shown in Figure 13 folded into envelope formation; and

Figure 15 is a longitudinal sectional view taken on line 15—15 of Figure 14.

In the form of the invention shown in Figures 1 to 3, the combined letter sheet and envelope comprises a blank 1 having sections 2 and 3 foldable upon the line 4, the section 3 also having a fold line 5 to provide a relatively narrow end flap section 6. The blank 1 adjacent each side edge is provided with a line of tearing perforations 7 while the end flap 6 is provided adjacent its free edge with a line of tearing perforations 8. The relatively narrow strip areas 9 between the lines of tearing perforations 7 and 8 and the edges of the blank are gummed to effect sealing when the blank is folded into envelope formation as shown in Figure 2. The section 2 is foldable upon the section 3 while the end flap 6 is foldable to overlie the section 2. The stamp S or other seal extends over the edge of the end flap as a further guard against tampering with the envelope. To open the envelope the side gummed areas 9 are severed upon the line of tearing perforations 7 while a pin or similar instrument may be employed for severing the line of tearing perforations 8 to permit the envelope to be opened into letter formation.

In the form of the invention shown in Figures 4, 5 and 6 the blank 1*a* as shown in Figure 4 comprises a plurality of sections 10 with a relatively short end flap section 6*a*, the blank 1*a* being provided adjacent its opposite edges with lines of tearing perforations 7 while a line of tearing perforations 8 are located adjacent the free edge of the end flap 6*a*, the areas 9 being gummed. The blank 1*a* shown in Figure 4 is folded into envelope formation as shown in Figure 5 with the stamp S or seal adhesively attached thereto as illustrated. Access to the contents of this envelope is attained in the same manner as described in connection with the envelope formation shown in Figure 2.

The form of the invention illustrated in Figures 7, 8 and 9 differs from the showing in Figure 4 by the provision of spaced parallel rows or lines 11 of tearing perforations adjacent each side edge of the blank that is comprised of the several sections 10 foldable upon the lines 4 and 5 that define double areas of strip formation indicated by the numeral 12 that receive a coating of adhesive. The end flap 6*a* has a double row or line of tearing perforations 13 to provide double gummed areas 12 and when the blank is folded into envelope formation as shown in Figure 8 it is necessary to sever the body on the inner line of tearing perforations, the double line of tearing perforations providing a double safety seal which will readily indicate tampering of any character with the sealed envelope.

It will be observed that in each of the forms of the invention as above described, there is provided side lines of tearing perforations and a relatively short end flap section having a gummed edge and a line of tearing perforations inwardly of the gummed edge with the stamp or seal overlying the gummed edge of the end sealing flap or section, access to the contents of the envelope is attained in each form by severing the body upon the side lines of the tearing perforation while the end flap is released by tearing on the line of perforations formed therein.

In the form of the invention shown in Figures 10, 11 and 12, the letter sheet blank is similar to the blank shown in Figure 4 and comprises the sections 10, end sealing flap 6*a*, the side lines 7 of tearing perforations and the end line 8 of tearing perforations on the end sealing flap, the lines of tearing perforations providing gummed areas 9. A side flap section 14 is carried by one of the sections 10 and has a portion thereof cut away and covered by a transparent sheet 15 forming an address window, the side flap section 14 being foldable upon the line 16 at the edge of the letter sheet blank while a line of tearing perforations 7*a* adjacent each end of the side flap section 14 are adapted to register with the lines of tearing perforations 7 in the main blank, the side flap section being gummed outwardly of the two lines of perforations 7*a*. The several sections 10 are foldable upon each other on the lines 4 with the side flap section 14 foldable thereover and retained by the end sealing flap 6*a* as shown in Figures 11 and 12. The envelope is opened upon severing the same on the tearing lines of perforations while the address being covered by the window 15 eliminates the possibility of tampering therewith.

Still another form of the invention is shown in Figures 13 to 15 wherein the letter sheet blank comprising sections 10 is of rectangular formation with a transparent window 15*a* formed in one of the end sections. The sections 10 of the blank have the side lines of tearing perforations 7 and the end line of tearing perforations in the section that carries the transparent window 15*a*. The blank shown in Figure 13 assumes the envelope formation shown in Figure 14 with the several lines of tearing perforations registering as shown in Figure 15.

While there are herein shown and described the preferred embodiments of the present invention it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

What I claim as new is:—

A combined letter sheet and envelope consisting of an elongated sheet of paper of rectangular form, composed of a plurality of sections foldable on transverse lines with the intermediate sections being of substantially

the same area, and a side laterally foldable flat section in line with one of the aforesaid intermediate sections and of the same area as the carrying section having lines of tearing perforations running lengthwise of the sheet and the full length of the flap section, with a transparent window in the side flap section, the side section having an adhesive applied to its surface outwardly of the line of tearing perforations whereby the end of the folded article may be sealed.

In testimony whereof I affix my signature.

WALENTY ZABEK.