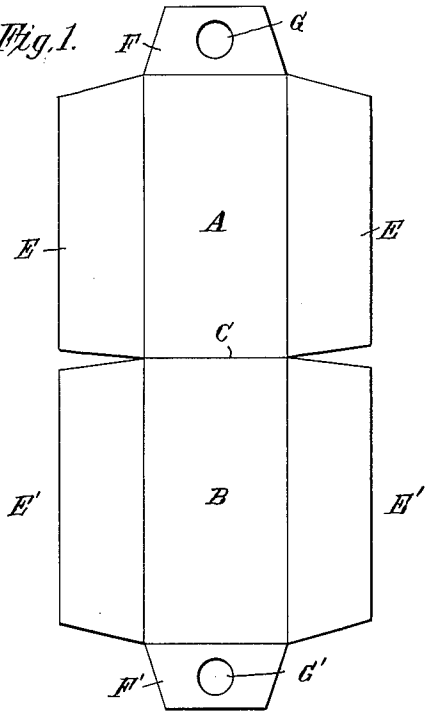
April 11, 1961 C. R. ALLEN 2,979,189

ENVELOPES

Filed Aug. 8, 1958 2 Sheets-Sheet 1

Fig. 1.



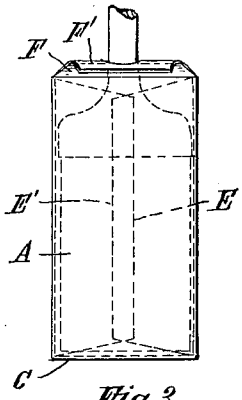


Fig. 3.

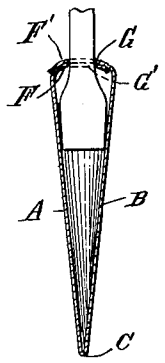


Fig. 4.

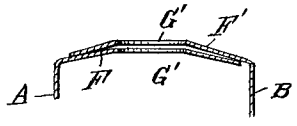


Fig. 5.

Fig. 6.

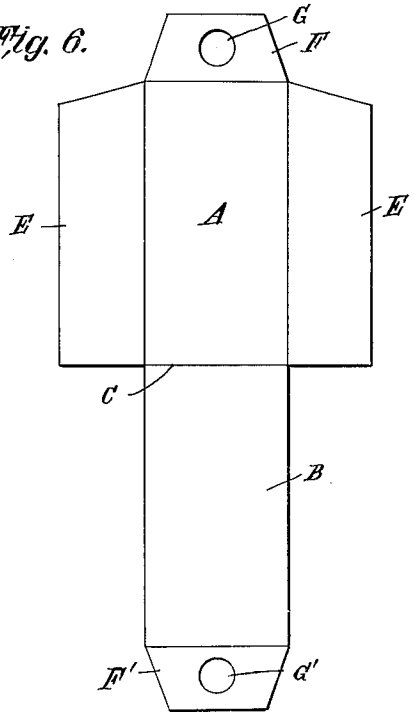
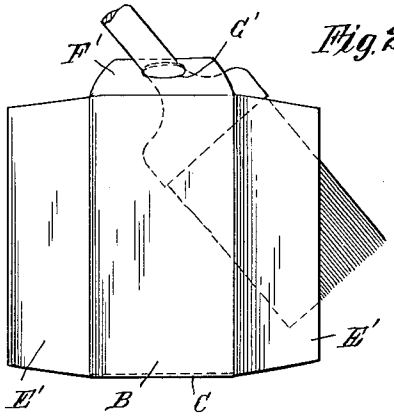


Fig. 2.



INVENTOR
Charles R. Allen

BY Chas R Allen

ATTORNEY

April 11, 1961 C. R. ALLEN 2,979,189

ENVELOPES

Filed Aug. 8, 1958 2 Sheets-Sheet 2

Fig. 7.

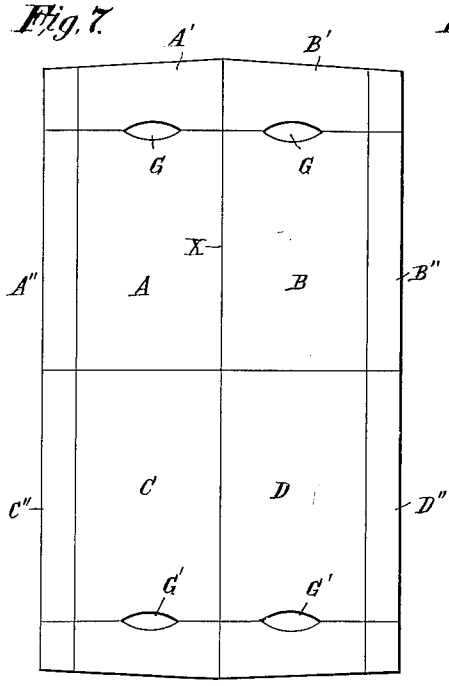


Fig. 8.

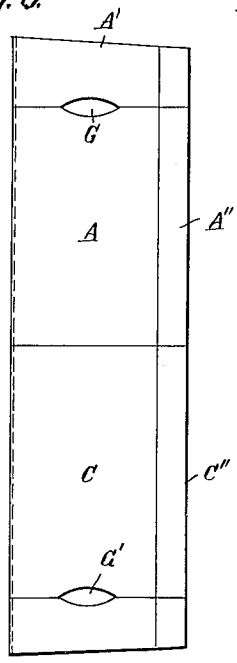


Fig. 9.

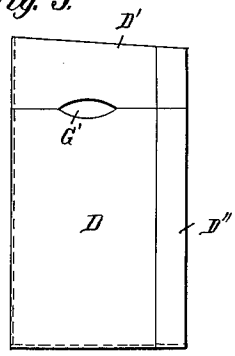


Fig. 10.

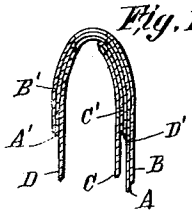


Fig. 11.

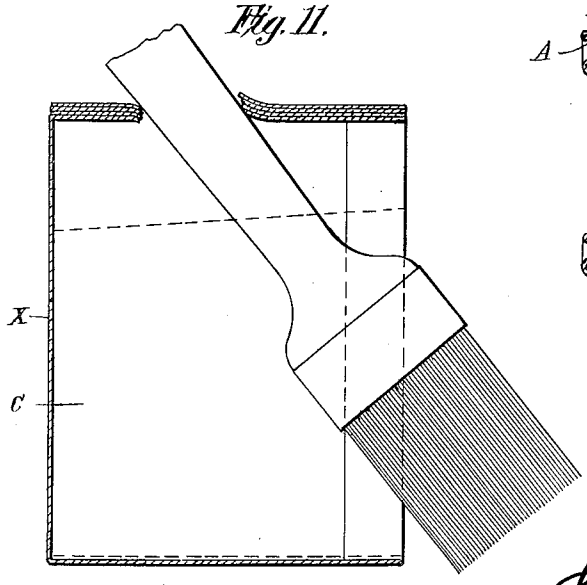


Fig. 12.

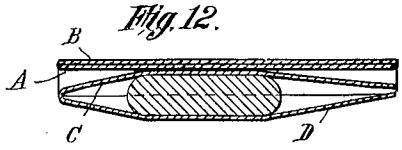
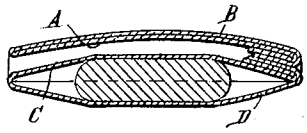


Fig. 13.



INVENTOR

Charles R. Allen

BY Chas R Allen

ATTORNEY

United States Patent Office 2,979,189 Patented Apr. 11, 1961

2,979,189

ENVELOPES

Charles Risdon Allen, 3525 9th Ave. N., St. Petersburg 13, Fla.

Filed Aug. 8, 1958, Ser. No. 753,941

3 Claims. (Cl. 206—15.1)

Heretofore envelopes or wrappers for enclosing articles of merchandise, such as brushes and the like, have included an independent or separate means, such as adhesives, rubber bands, and/or metal fasteners, for closing or sealing the said envelope or the like.

The general object of the invention is to eliminate the employment of separate means of enclosing an article, such as paint brushes and the like during transit and sale and cleaning and storage after each use of said brush or the like.

A feature of the envelope disclosed herein is the provision of at least two openings near the extreme outer ends thereof and through which openings, in register, the handle end of the paint brush or similar article or object is inserted, thus avoiding the premature release of the said article or object; also to provide a locking means and a protector for said inserted article or object against dust or other foreign particles when the folding operation is completed.

A further object of the invention is to provide an envelope type of a wrapping or enclosing means to enfold the bristle, hair, nylon or the like end of a paint brush or similar article to protect the said bristles or the like from being curled or otherwise damaged in transit or storage.

The novel and useful features of construction and operation are hereinafter more fully described, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which:

Figure 1 is a plan of the blank or envelope opened out, showing a form in which the single sheet is cut and perforated, having the manner of folding the same indicated by the inner lines;

Figure 2 is the same, but partially folded, showing the first step in inserting the paint brush, or similar article, handle in the open retaining or fastening means;

Figure 3 is a front view of the envelope or wrapper completely folded with article inserted;

Figure 4 is a sectional end view showing the article completely enclosed;

Figure 5 is an enlarged view of the top of the envelope or wrapper showing the overlapping of the extreme ends of the blank, wrapper or envelope, which overlapping and registering of the openings form the non-adhesive closing means through which the brush handle or the like is inserted; and

Figure 6 is a modification of the invention showing the envelope minus the two lower flaps, E' and E', as illustrated in Figure 1;

Figure 7 is a plan view of a further modification of the invention, showing a form in which the single sheet is cut and perforated but foldable vertically in the center as indicated by X;

Figure 8 shows the said second modification (Fig. 7) folded as at X;

Figure 9 shows the said second modification with the folding of the wrapper previous to inserting handle of a brush, or similar article;

Figure 10 is a sectional view along top of wrapper previous to last folding operation thereof;

Figure 11 is a showing of the first step in inserting the paint brush, or similar article, in the open retaining or fastening means of said modification (Fig. 7);

Figure 12 is a transverse sectional view with the brush inserted; and

Figure 13 is a sectional view of modification (Fig. 7) after the last operation of folding inwardly of the A'', B'', C'', and D''.

Referring to the drawings, the invention is described as an envelope consisting of two identical body portions, A and B, in the form of rectangular parallelograms, integral at their adjacent ends and adapted to fold one upon the other at C. Each of the body portions, A and B, are provided with side flaps E, E, E' and E', extending outwardly on each side of said body portions, somewhat wider than half the width of the central body portions A and B, adapted to fold inwardly and overlap at their adjacent edges; further provided with end flaps F and F', each end flap being divided longitudinally by a fold line and having an opening or aperture G and G,' said opening being so located as to register with each other when the envelope is assembled. When the handle member of the article is inserted diagonally upward through this opening G and G' and the body member of said article is arranged vertically adjacent the inside the central body portions A and B, the side flaps E and E are folded inwardly over the body member of the enclosed article and the side flaps E' and E' may be folded inwardly and against the outer walls of the flaps E and E. The flaps E' and E' may be omitted without detracting from the invention.

The completed insertion of the brush handle through the openings G and G,' swinging the brush or article into vertical position and the folding inwardly of the flaps E and E, forms a complete locking means retaining said article within the envelope until the operation is reversed. The folding inwardly of the side flaps E and E forms a protective means for the bristles or working parts of the brush or the like, protects the bristles from dust or other foreign particles, and prevents the bristles from becoming curled, disarranged, or otherwise damaged.

As a further modification, see Figures 7 to 13 inclusive.

The blank, or wrapper, may be one unnotched sheet (Fig. 7) with circular or oval perforations G as shown (Figs. 7 and 8). It will be noted that there are four (4) rectangular parallelograms A, B, C, and D (Fig. 7) instead of two (2) as in Figure 1, with the first folding operation occurring from the direct vertical center as at line X, thus providing an unopened side wall as shown in Figure 8.

The said modification (Fig. 7) is again folded horizontally as in Figure 9. This modification thus provides completely sealed side walls X (Fig. 8) so that when the brush handle or the like is inserted in the perforations G, the completion of the enclosure may be made by merely folding inwardly, and substantially simultaneously, the end flaps A'', B'', C'', and D''.

The said modification (Fig. 7) presents a more completely sealed packet for protecting the paint brush, or similar article.

I do not limit myself to the precise forms and/or proportions shown, nor do I claim broadly an envelope or closing means formed of a single sheet of paper or flexible material.

I claim:

1. As an improved article of manufacture, an envelope or wrapper for paint brushes made of a single integral piece of paper or similar foldable material having four

rectangular parallelograms attached at their adjacent inner or centrally located sides thereof, and adapted to fold upon each other vertically, said vertical folds forming a closed side wall; each parallelogram having an end flap, said end flaps being provided with openings which register in a folding position to form the locking means for said brush, at least two of the said parallelograms being provided with side flaps, and folded inwardly to form an envelope for the reception of said brush.

2. An envelope for protecting brush bristles made of a single sheet of flexible material having four rectangular parallelograms attached at their adjacent sides and adapted to fold upon each other vertically, each having an end flap, said vertical folds providing a partial seal; at least two of the said parallelograms being provided with a side flap, each of said side flaps being narrower than the width of the said parallelogram, said end flaps being provided with a substantially oval opening or aperture to provide a locking means for enclosing said brush bristles.

3. An envelope or wrapper for a paint brush made of a single sheet of flexible material having four rectangular parallelograms integral at their adjacent edges and adapted to fold upon each other vertically and horizontally respectively, each having an end flap and a side flap, each of said end flaps being provided with a substantially oval opening or aperture to provide a locking means for enclosing said brush; and said side flaps being provided to fold inwardly to complete the enclosing of the said article and to seal the said envelope or wrapper.

References Cited in the file of this patent

UNITED STATES PATENTS

1,252,051	Stone	Jan. 1, 1918
1,312,513	Beach	Aug. 12, 1919
2,609,920	Ringler	Sept. 9, 1952
2,646,202	Gibbons	July 21, 1953
2,690,290	Turner	Sept. 28, 1954