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2,443,484

TOBACCO POUCH

Filed July 8, 1944

2 Sheets-Sheet 1

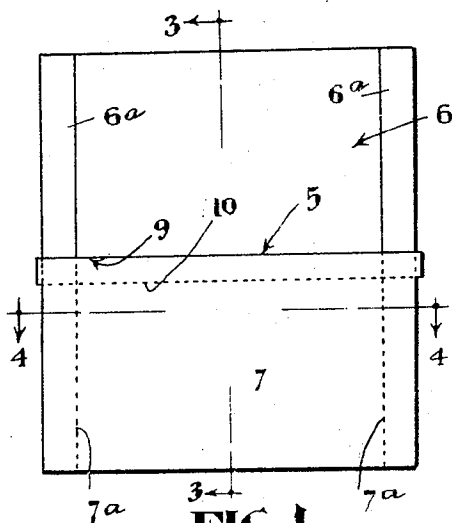


FIG. 1

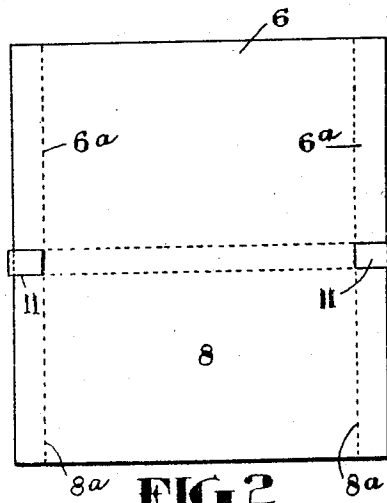


FIG. 2

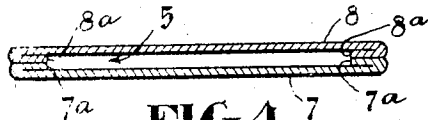


FIG. 4

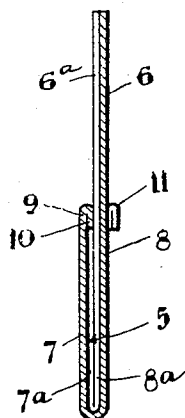


FIG. 3

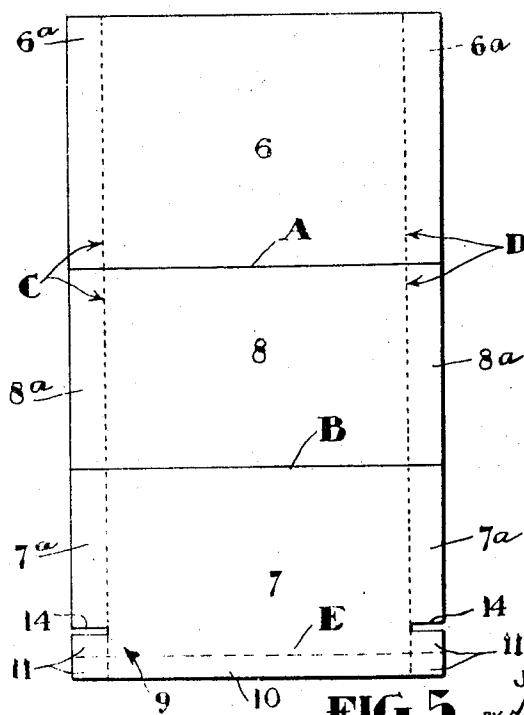


FIG. 5

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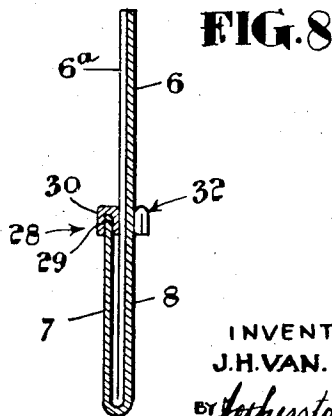
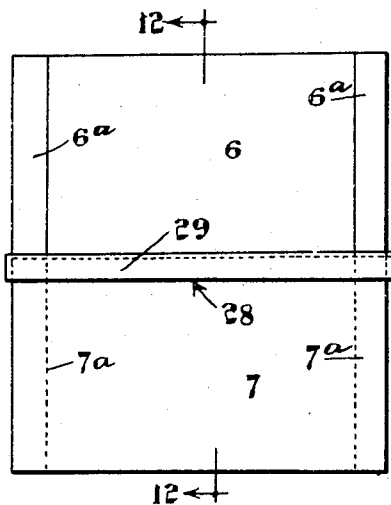
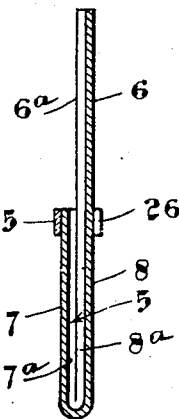
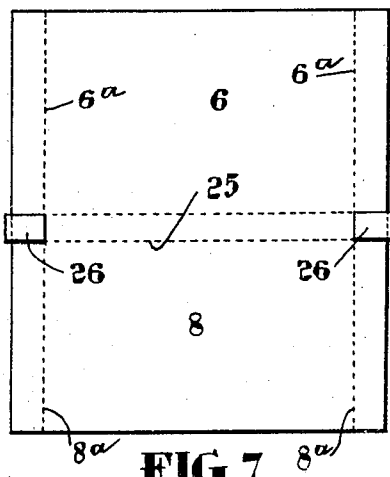
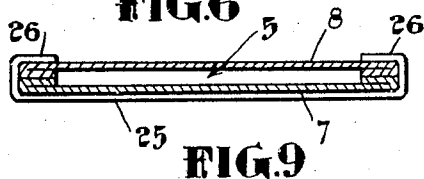
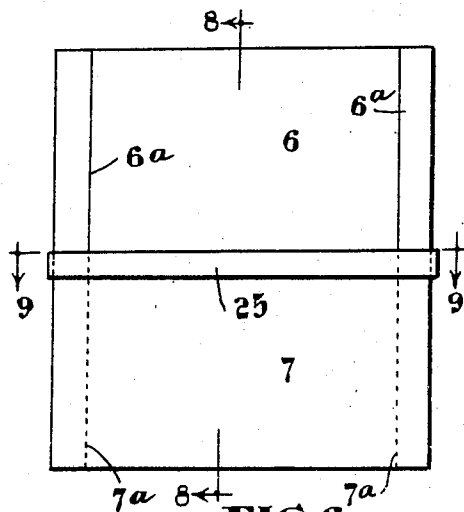


FIG. 10

FIG. 11

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TOBACCO POUCH

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3 Claims. (Cl. 206-41)

1

This invention relates to tobacco pouches and has particular reference to pouches which are made of relatively cheap materials such as wax or rubber-impregnated paper and are thrown away after use. Such pouches, as now made, are far from satisfactory since they tear easily at the upper corners of the tobacco-receiving pocket and become unfit for use before they are emptied of their contents.

The object of the present invention is to provide a wax or rubber-impregnated paper pouch in which the upper edge of the front wall and the upper corner portions of the tobacco-receiving pocket are strengthened so that they constitute the strongest portions of the pouch and will withstand, without tearing, the strains to which they are subjected in the ordinary usage of the pouch.

According to this invention the upper edge of the front wall of the tobacco-receiving pocket is reinforced throughout its entire length by a reinforcing element having extended end portions which are bent inwardly and secured to the rear pocket-forming wall of the pouch to reinforce and strengthen the upper corner portions of the pocket. This reinforcing element may be formed as an integral part of the blank from which the pouch is made or it may consist of a separate reinforcing strip of "Cellophane" or other suitable material having a higher tear resistance than the wax or rubber-impregnated blank from which the pouch is formed.

Several examples of the invention are illustrated by the accompanying drawings, in which—

Fig. 1 is a front view of a tobacco pouch in which the pocket-reinforcing element constitutes an integral part of the blank from which the pouch is formed.

Fig. 2 is a rear view of the pouch shown in Fig. 1.

Fig. 3 is a vertical sectional view taken substantially along the section line 3-3 of Fig. 1.

Fig. 4 is a horizontal sectional view taken substantially along the section line 4-4 of Fig. 1.

Fig. 5 is a plan view of the blank from which the pouch shown in the preceding figures is formed.

Fig. 6 is a front view of a modified form of pouch in which the upper edge of the front wall and the upper corners of the tobacco-receiving pocket are reinforced by a separately formed reinforcing element.

Fig. 7 is a rear view of the pouch shown in Fig. 6.

2

Fig. 8 is a vertical sectional view taken along the line 8-8 of Fig. 6.

Fig. 9 is a horizontal sectional view along the line 9-9 of Fig. 6.

Fig. 10 is a front view of a further form of pouch in which a separately formed pocket-reinforcing element is folded over the upper edge of the front wall of the tobacco-receiving pocket and is provided with extended corner-reinforcing end portions secured to the rear wall of the pocket.

Fig. 11 is a sectional view taken along the line 12-12 of Fig. 10.

The pouch shown in Figs. 1 to 4 inclusive comprises a tobacco-receiving pocket 5 and a closure flap 6. The pocket 5 is formed by front and rear walls 7 and 8 integrally joined at their lower edges and adhesively secured together at their side edges. The flap 6 is formed as an integral continuation of the upper edge of the rear pocket-forming wall 8 and is adapted to be folded around the pocket portion of the pouch in the usual manner. The front pocket-forming wall 7 is folded to provide a two-ply upper edge consisting of the outer and inner plies 9 and 10. These plies are formed so that they conjointly present extended two-ply end portions 11 which, as shown in Fig. 2, are folded around the sides of the pocket 5 and adhesively secured to the outer surface of the rear pocket-forming wall 8 to strengthen the upper corner portions of the pocket. While the extended corner-reinforcing end portions 11 of the two-ply upper edge portion of the pocket-forming wall 7 are preferably secured to the outer surface of the rear wall 8, it will be understood that, if desired, said corner-reinforcing end portions 11 may be bent inwardly and secured to the front surface of the rear pocket-forming wall 8. The front pocket-forming wall 7 is provided with inturned side edges 1a which are adhesively secured to the rear surface of said wall and to the front surfaces of similar inturned side edges 8a of the rear pocket-forming wall 8. The flap 6 is formed with inturned side edges 6a which are adhesively secured to the body of the flap and form integral continuations of the inturned side edges of the rear pocket-forming wall 8.

The blank from which the pouch shown in Figs. 1 to 4 inclusive is formed is illustrated in Fig. 5. It comprises a rectangular piece of wax or rubber-impregnated paper or other suitable material which is creased horizontally as indicated at A and B to define the pocket-forming walls 7 and 8 and the flap 6. The blank is

also creased vertically as indicated at C and D, the marginal portions of the blank lying outside these creases being folded inwardly to provide the aforesaid inturned side edges of the pocket-forming walls 7 and 8 and the flap 6. Near its lower end the blank is provided with slits 14 extending outwardly from the vertical creases C and D. The portion of the blank lying below these slits is bisected by a horizontal crease E along which it is folded to provide the aforesaid two-ply upper edge portion and corner-reinforcing extensions of the front pocket-forming wall 7.

The pouch shown in Figures 6 to 9 inclusive is strengthened by a separately formed reinforcing strip 25 which extends across the outer surface of the front pocket-forming wall 7 at or adjacent the upper edge of said wall and is provided with extended end portions 26 which are bent around the sides of the pocket and secured to the outer surface of the rear wall 8. This separately formed reinforcing strip 25 is preferably made of "Cellophane" but may be made of other materials. The extended ends of the separately formed reinforcing strip 25 may, if desired, be turned inwardly between the walls 7 and 8 and secured to the front surface of the wall 7.

The pouch shown in Figs. 10 and 11 is also provided with a separately formed reinforcing strip 28 but, in this case, the reinforcing strip is relatively wide and is folded about the upper edge of the pocket-forming walls 7 and 8 to provide inner and outer reinforcing plies 29 and 30 which are integrally united at their upper edges and are adhesively secured to the front and rear surfaces of the interposed pocket-forming wall 7. The folded type reinforcing strip shown in Figs. 10 and 11 is provided with two-ply end portions 32 which are turned inwardly and secured to the outer surface of the pocket-forming wall 7. It will be understood, however, that the extended end portions 32 of the reinforcing strip shown in Figs. 10 and 11 may also be turned inwardly and secured to the inner or front side of the rear pocket-forming wall 8.

Having thus described what I now consider to be the preferred embodiments of my invention it will be understood that I reserve the right to all modifications that fall within the scope and

spirit of the invention as defined by the appended claims.

In addition to being used for the packaging of tobacco the pouches described herein may be used for the packaging of various other commodities and may be made of any suitable materials.

I claim:

1. A pouch of the character described comprising a material-receiving pocket formed by and between front and rear pocket-forming walls which are integrally joined at their lower edges, said front and rear pocket-forming walls being provided with inturned side edges which are adhesively secured together in face to face relation, said front pocket-forming wall being provided with a reinforced upper edge having extended end portions which are bent inwardly to overlap and to be adhesively secured to the outer or rear surface of the rear pocket-forming wall.

2. A pouch as set forth in claim 1 in which the material of the pouch is folded upon itself at the upper edge of the front pocket-forming wall to provide the aforesaid reinforced upper edge.

3. A pouch as set forth in claim 1 in which a separately formed reinforcing element is folded over the upper edge of said front pocket-forming wall to provide the aforesaid reinforced upper edge.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
Re. 21,887	Klein	Aug. 26, 1941
1,978,257	Gardiner	Oct. 23, 1934
2,033,994	Mulligan	Mar. 17, 1936
2,053,085	Hunter	Sept. 1, 1936
2,061,613	Gowgill et al.	Nov. 24, 1936
2,149,030	Moore	Feb. 28, 1939
2,271,279	Thomas	Jan. 27, 1942

FOREIGN PATENTS

Number	Country	Date
525,098	Great Britain	Aug. 21, 1940
172,261	Great Britain	Dec. 8, 1921