

Feb. 28, 1928.

Z. LITTMAN

PAPER BAG

1,661,143

Filed June 9, 1922

2 Sheets-Sheet 1

Fig. 1.

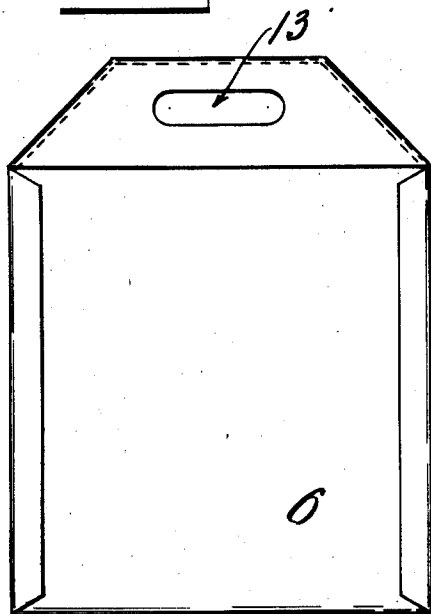


Fig. 2. Fig. 3.

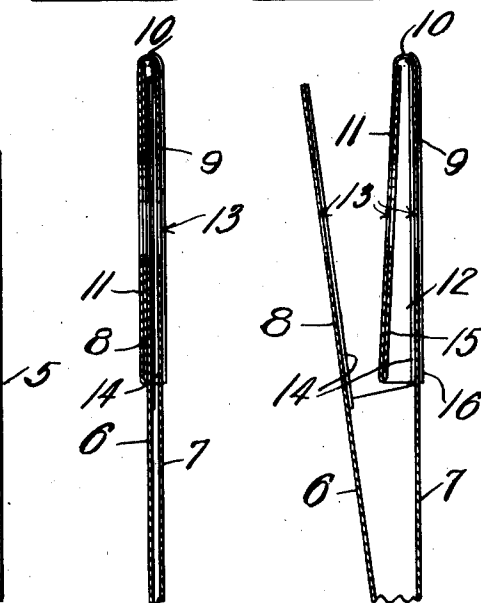


Fig. 4.

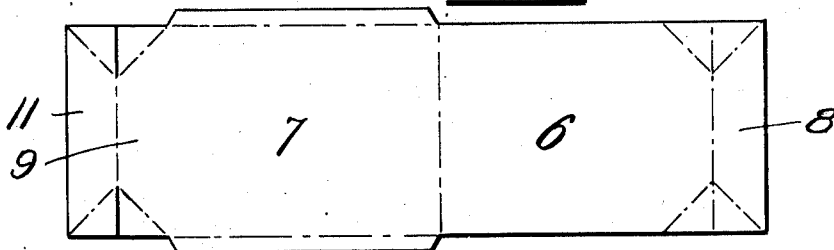


Fig. 5.

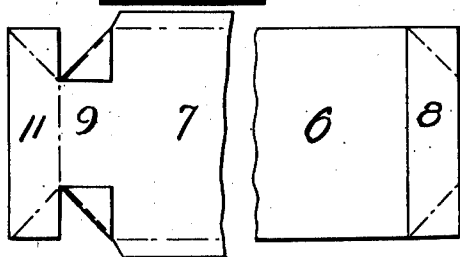
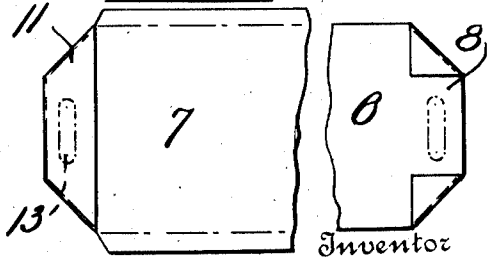


Fig. 6.



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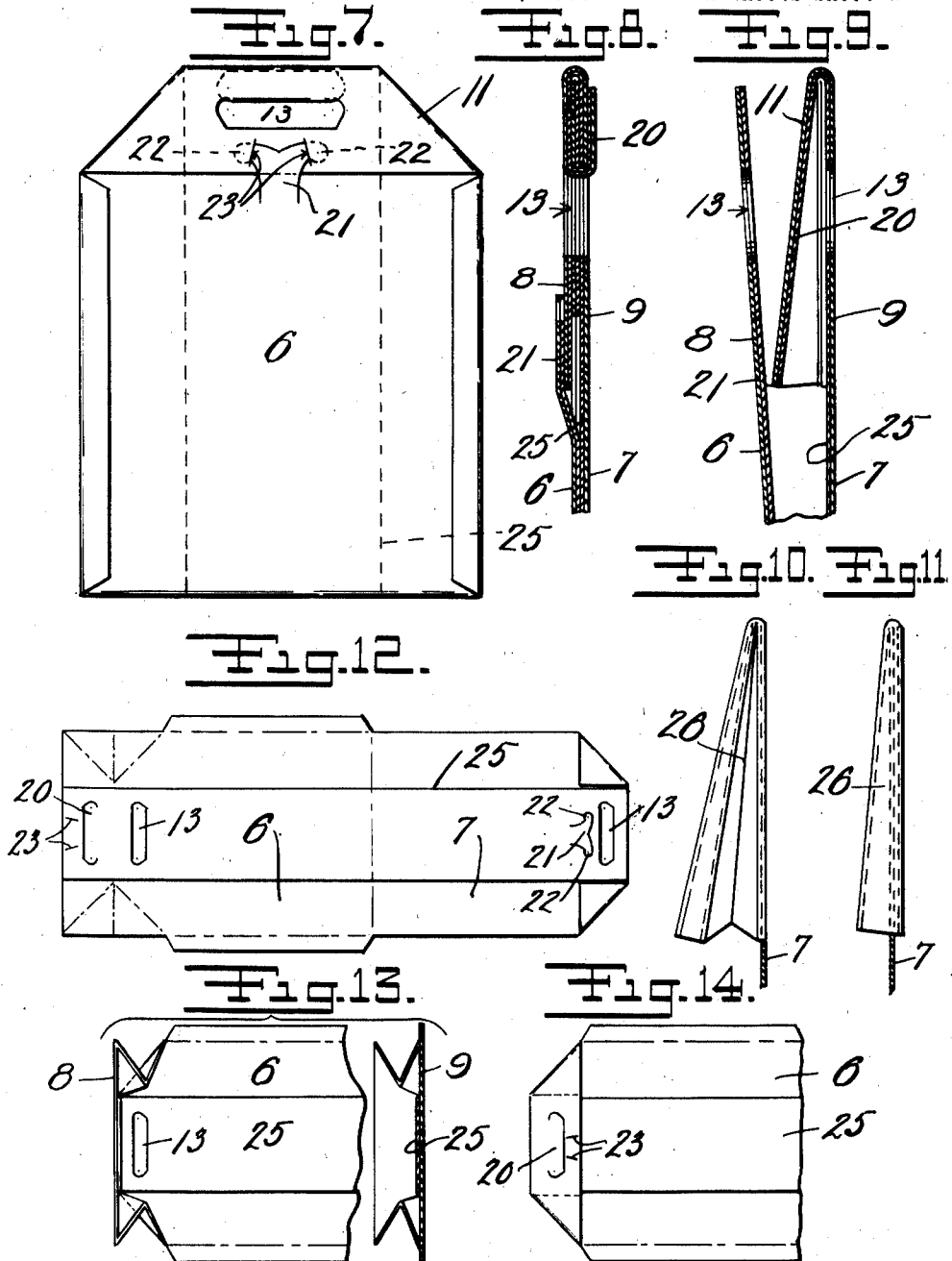
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PAPER BAG

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE.

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PAPER BAG.

Application filed June 9, 1922. Serial No. 567,003.

This invention relates generally to hand bags or receptacles formed of flexible sheet material and particularly relates to the construction of closure and carrying means for articles of the general nature referred to.

The general object of the invention is the provision of a hand bag formed of paper or other relatively inexpensive material having closure or sealing means of greatly increased efficiency and at the same time providing a handle or carrying means of a desirably reinforced and mechanically strong construction.

The invention includes a paper hand bag having one of its walls extended and folded back on itself to form a pocket on its inner surface in which an extension or flap member on the other wall can be received to thereby form an extension of triple thickness through which a hand opening may be produced to form a convenient means for carrying the bag. I provide also for further reinforcement of the handle portion either by pasting a strip of material to the inner surface of the flap portions or making use of a reinforcing strip which follows the entire inner line of the surface of the bag from the outer end of one flap extension to the outer end of the other. Other features of the invention include the use of locking tongues to lock the flap members in bag closing position.

In the drawings,

Figure 1 is a view in front elevation of a hand bag embodying the invention.

Figure 2 is a sectional view showing in detail and on an enlarged scale the upper or closure portion of the bag shown in Figure 1 in closed position.

Figure 3 is a view similar to Figure 2 showing the closure portion in open position.

Figure 4 is a view of a blank used in the production of the bag shown in Figure 1.

Figure 5 is a view similar to Figure 4 showing a further step in the treatment of the blank to produce the bag.

Figure 6 is a view similar to Figure 5 showing a still further folding operation in the production of the bag.

Figures 7, 8 and 9 are views similar to Figures 1, 2 and 3 respectively, showing a modification of the invention.

Figures 10 and 11 are side elevations of the closure means shown in Figures 8 and 9.

Figures 12, 13 and 14 are views of a blank and the successive folding operations used in producing the bag shown in Figure 7.

Referring to the drawings, there is shown in Figure 1 a paper hand bag 5 having a front wall 6 and a rear wall 7. The front wall 6 is provided at the upper open end of the bag with a simple form of closure flap extension 8. The rear wall 7 is also provided with a closure flap extension but of a construction such as to form a pocket in which to receive the outwardly extending flap member 8 of the other wall. The flap member 9 of the rear wall is folded back on itself at a point 10 approximately coinciding with the outer extremity of the other flap 8. The folded back portion 11 of the flap 9 is attached at its lateral edges to the lateral edges of the flap 9 to form an inwardly opening pocket 12 as will be clearly seen in Figure 3 of the drawing.

In order to close or interlock the flap members, the flap 8 is inserted in the pocket 12 as in Figure 2 whereby an effective interlocking of the closure flaps is effected to provide a secure seal or closure of the bag, which will prevent the accidental loss or the theft of articles therefrom.

In order to provide a handle member for the bag described, a hand opening 13 is provided which extends through the three members 9, 8 and 11 as will be seen.

It will be apparent that not only is a secure and effective locking seal provided by the interengagement of the closure flap members described, but a reinforcement of this portion of the bag to provide a mechanically strong handle is also provided, since a triple thickness of the flap members is available for the handle member. In addition, to further reinforce the handle member a lining strip of paper or other material having substantial tensile strength is affixed to the inner surface of the flap members as at 14 in Figure 3 of the drawing. A further reinforcement is preferably provided by folding the pocket wall 11 back on itself as at 15 or by attaching a reinforcing lining thereto. A reinforcement may also be provided on the outer wall of the rear flap member as at 16 in Figure 3.

Referring to Figures 7 to 14 of the drawing I show the use of latching or locking means that can conveniently be provided.

In Figure 9 it will be seen that the material 20 contained within the contemplated opening 13 is not severed along the upper margin of the opening but, instead, is left in place 5 and is then bent through the openings in the flaps 8 and 9 and upwardly against the outer wall of the flap 9. This construction provides for effectively holding the flap members together and in addition provides 10 a suitable hand grip in connection with the hand opening 13.

In order to further secure the locking or attaching of the closure members together to safeguard the contents of the bag, I make 15 use of locking tongue and slit construction as indicated in Figures 7 and 8 of the drawing. A locking tongue 21 is formed of the material in the front wall 6 of the bag. The tongue is of the type having laterally extending wings 22 which are intended to 20 enter diagonally arranged slits in the forward wall 11 of the pocket 12. It will be clear that the interengagement of the locking tongue 21 and the slits 23 will hold the 25 front wall of the bag and the forward wall 11 of the pocket in secure interlocked engagement.

This modification of the invention also includes the provision of a reinforcing strip 25 30 extending the full length of the interior of the bag as is clearly indicated on the blank in Figure 12. Preferably also the pocket 12 is provided at its lateral portions with bellows members 26 as indicated in Figure 35 10 in order to facilitate the opening of the pocket to receive the flap member 8.

What I claim is:

1. In a bag, an extended closure flap on one wall of the bag at the open end thereof, 40 a closure flap on the adjacent end of the other wall, said second closure flap being folded back on its inner surface and attached thereto at its lateral edges to form an inwardly opening pocket in which to receive 45 the other flap member, a hand opening through the flap members, and the material from the opening remaining attached to the upper margin of the opening and being folded through the opening and upwardly 50 along the outer face of the rear flap member to form a hand grip.

2. In a bag, an extended closure flap on one wall of the bag at the open end thereof, 55 a closure flap on the adjacent end of the other wall, said second closure flap being folded back on itself to form an inwardly opening pocket in which to receive the other flap member, a hand opening through the flap members, and means for removably at

60 taching together a wall of the pocket and the wall of the bag contained therein.

3. In a bag, an extended closure flap on the rear wall of the bag at the open end thereof, a closure flap on the end of the front wall of the bag, said closure flap on the rear 65 wall being folded back on itself to form a pocket in which to receive the flap on the front wall, a reinforcing strip attached to the inner surface of the bag and the closure 70 flaps, a hand opening through the flap members and a locking tongue and slit connection between the front closure flap and the front wall of the pocket.

4. A paper bag having an open receiving end formed by extensions of the sides of said 75 bag, one of said extensions being turned back upon itself and permanently secured to form a pocket for the extension of the other of said sides, the lateral ends of said extensions being intumed to provide inclined sections for forming a handle for 80 said bag, said extensions being provided with registry finger openings, one of said openings being formed by a partly severed section of the extension forming said pocket, 85 said partly severed section being adapted for insertion through the other of said finger openings whereby a carrying handle and locked receptacle is formed.

5. A paper bag having an open receiving 90 end formed by extensions of the sides of said bag, one of said extensions being adapted to be overturned upon the other of said extensions to form a closure member for said 95 bag, said extensions when disposed in folded service relation having registered finger openings therethrough, and a locking member for holding in juxtaposed relation the sides of said extensions, said locking member comprising a partially severed portion of 100 one of the outer walls of said extensions shaped coincident with the forming of the finger opening in said wall, said locking member being adapted to be extended 105 through the finger openings in the adjacent walls of said extensions to be folded on the outer and opposite side thereof to hold all of said walls in service position and to cover the raw edges of said openings; and means for permanently securing the lateral edges of 110 the overturned portion of one of said extensions as aforementioned to the portion of said extension not overturned whereby an inwardly opening pocket is formed in conjunction therewith adapted to receive the 115 extension on the opposite side of said bag.

In testimony whereof I affix my signature.

ZENO LITTMAN.