Dec. 19, 1944. W. TROGMAN 2,365,312

RECEPTACLE SUPPORT

Filed Jan. 1, 1944 2 Sheets-Sheet 1

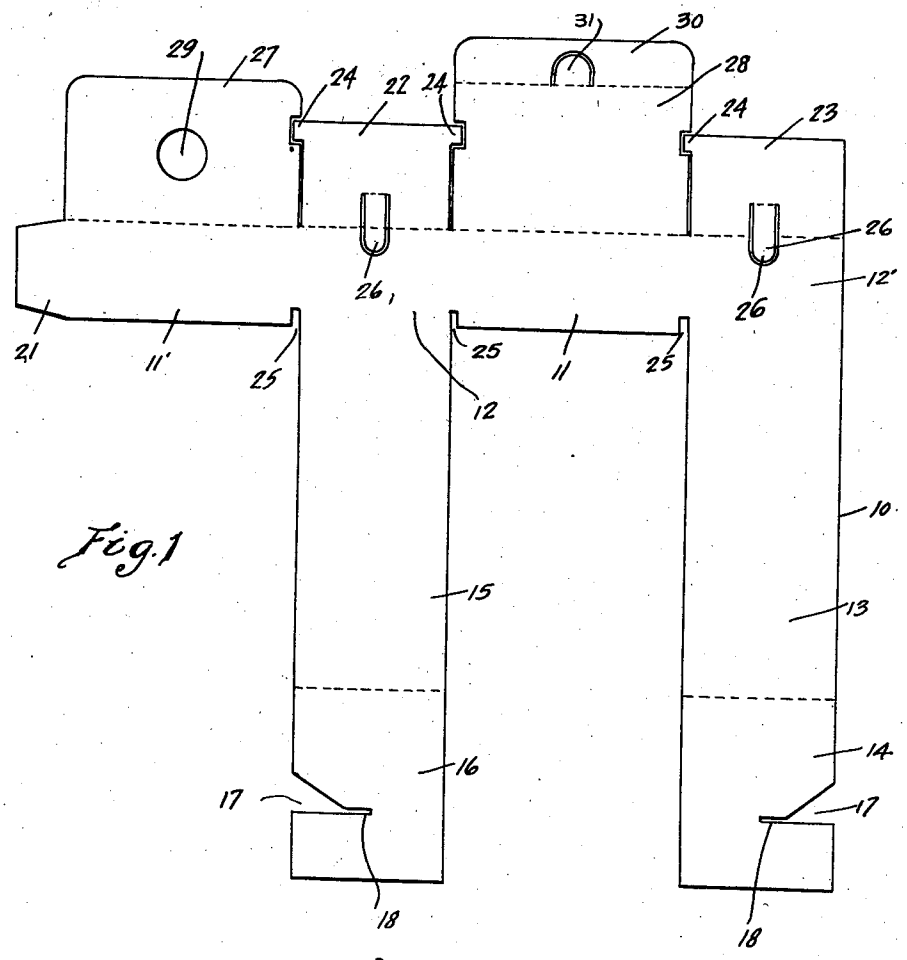


Fig. 1

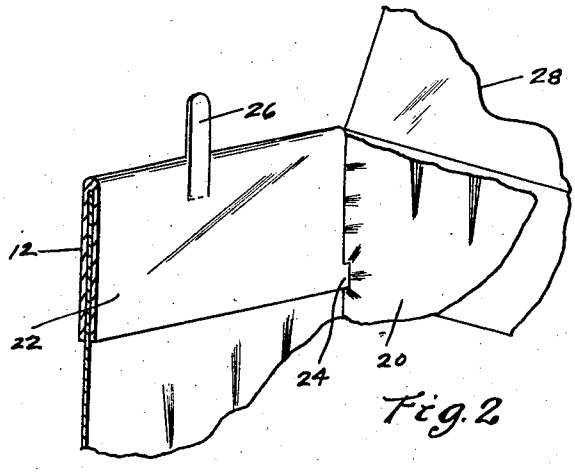


Fig. 2

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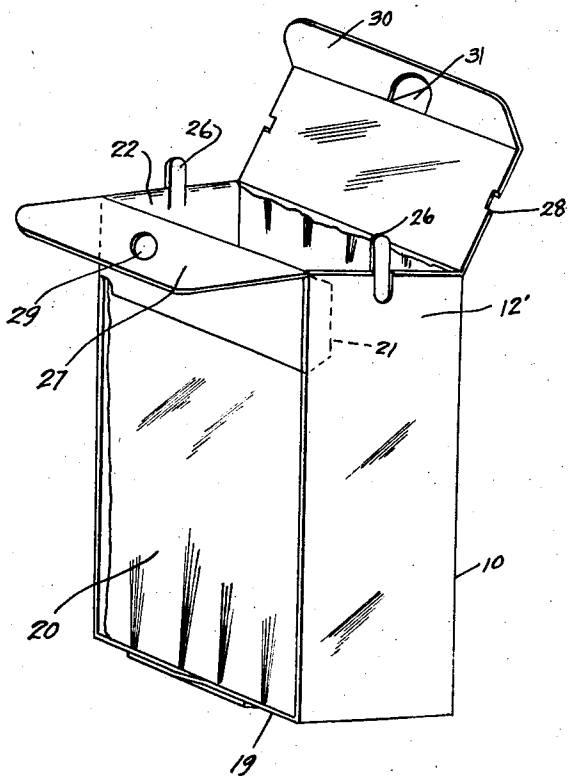


Fig. 3

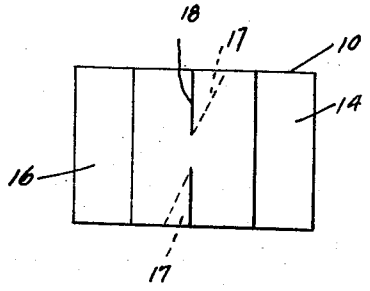


Fig. 4

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UNITED STATES PATENT OFFICE

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RECEPTACLE SUPPORT

William Trogman, Chicago, Ill.

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7 Claims. (Cl. 248—311)

This invention relates to new and useful improvements in receptacle supports and more particularly to a support for a bag or sack into which is deposited refuse of many descriptions. It has for its principal object the provision of a support of this character which will be highly efficient in use and economical in manufacture.

One of the salient objects of the invention is the feature of sanitation resulting from the hereinafter described structure which permits of removal of the bag or sack without bringing the hands into contact with the contents thereof.

Another object of the invention is the feature of concealment resulting from the hereinafter described structure which permits complete closure of the bag or sack before as well as after its removal thus concealing the offensive contents thereof.

A still further object of the invention is the provision of a structure of the character to be described which facilitates suspending the bag and its support from a fixed point where it may be ready for use and which also permits the bag and its support to be carried to a place where the bag is to be disposed of.

A still further object of the invention results in the provision of a means affording ready insertion and withdrawal of the bag from its support.

A still further object of the invention is found in the manner of firmly and removably holding the bag in its holder.

A still further object of the invention is the provision of the construction hereinafter set forth which permits of many applications of the invention such for example in the home, the office, the hospital and many other purposes too numerous to mention.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings showing the preferred form of construction, and in which:

Fig. 1 is a plan view of a blank from which the holder is formed;

Fig. 2 is a fragmentary sectional detail view of a corner of the holder illustrating the mounting of a bag or sack therein;

Fig. 3 is a perspective view of the invention; and

Fig. 4 is a bottom plan view of the same.

In the drawings I have illustrated the preferred form of construction of my invention. In this connection the holder is formed from a blank 10 (Fig. 1) having end and side wall sections 11 and 11' and 12 and 12' respectively.

From one edge of the end wall 12' extends a band 13 the lower portion 14 of which is adapted to be folded substantially at right angles with respect to the remaining portion of the band 13.

From one edge of the end wall 12 extends a band 15 similar to the band 13 and likewise having a lower portion 16 folded substantially at right angles to the remaining portion of the band 15.

Each of the portions 14 and 16 have cut therein notches 17 terminating into slots 18, the arrangement permitting the portions 14 and 15 to be interlocked to provide a supporting bottom 19 for the bag 20 (Figs. 3 and 4).

The side wall 11' is provided with a tongue 21 which is adapted to be secured to the end wall 12' (Fig. 3) when the blank is in the folded position shown.

Extending from the upper edges of the end walls 12 and 12' are holding flaps 22 and 23. Each of these flaps has formed thereon wedge lugs 24 which when the flaps 22 and 23 are folded in the manner shown in Fig. 2 are adapted to press adjacent portions of the bag 20 into cutouts 25 formed in the blank at the junction of the side and end walls 11 and 11' and 12 and 12' respectively. Also struck from the holding flaps 22 and 23 and from the end walls 12 and 12' are finger tabs 26 which facilitate turning or folding the flaps from bag holding position.

To complete the invention I provide on the side walls 11 and 11' a mounting flap and a cover flap 27 and 28 respectively.

The mounting flap 27 has a finger hole 29 formed therein to facilitate carrying about the holder and the bag therein. This mounting flap serves as a means of supporting the holder and the bag from a stationary object such for example on the wall or from the side of a bed, the latter by positioning the flap 27 between the pillow and the mattress within easy reach of the bed patient.

The cover flap 28 has an edge portion 30 adapted when the cover flap is in closed position to fit into the mouth of the bag 20. In this cover flap 28 is provided a finger tab 31 to facilitate moving the cover flap to open position.

As before stated my improved receptacle support may be adaptable to many purposes and while the use I am about to explain is one of many I am not to be thus limited.

It is common practice in hospitals to provide a bed patient with a receptacle. This receptacle

may take the form of a paper bag. By the use of my receptacle support this bag may be positioned conveniently for the patient's use. It may in the most sanitary manner be removed.

These features are accomplished by placing the bag **20** in the holder, the bottom of the bag resting on the bottom of the holder provided by the interlocking portions **14** and **16**. The holder flaps **22** are folded into the receptacle or bag with the wedge lugs **24** pressing the adjacent portions of the bag into the cutouts **25**.

The mounting flap **27** is then disposed between the pillow and the mattress of the bed. The weight of the pillow will sustain the holder in position with respect to the mattress. When not in use the bag may be closed by the cover flap **28**. To dispose of the bag the holder for that purpose may be carried to the place of disposal by the mounting flap **27**.

My improved receptacle support is especially useful in the kitchen of a home or other like place. It will also be apparent from the description herein read in the light of the accompanying drawings that the blank from which the receptacle support is folded is of such form and shape as permits convenient stacking and shipping in large quantities.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. In a receptacle support comprising in combination a supporting structure for a receptacle, a cover flap and a mounting flap, means for removably holding said receptacle in an open condition within said supporting structure comprising end flaps adapted to be folded into the mouth of the receptacle, wedge elements on said flaps adapted to bear against adjacent portions of said receptacle when said flaps are folded into the mouth of said receptacle and finger tabs provided by said flaps to facilitate unfolding said flaps from the mouth of said receptacle.

2. A receptacle support formed from a single blank of material, the said blank providing end and side walls folded to provide a collar for a receptacle, and band portions having interlocking ends providing a supporting bottom for the receptacle.

3. A receptacle support formed from a single blank of material, the said blank providing end and side walls folded to provide a collar for a receptacle, band portions having interlocking ends providing a supporting bottom for the receptacle and holding flaps on the end walls and adapted to be folded into the mouth of said receptacle.

4. A receptacle support formed from a single blank of material, the said blank providing end and side walls folded to provide a collar for a receptacle, band portions having interlocking ends providing a supporting bottom for the receptacle, holding flaps on the end walls and adapted to be folded into the mouth of said receptacle, and wedge elements on said flaps adapted to bear against adjacent portions of said receptacle when said flaps are folded into the mouth of said receptacle.

5. A receptacle support formed from a single blank of material, the said blank providing end and side walls folded to provide a collar for a receptacle, band portions having interlocking ends providing a supporting bottom for the receptacle, holding flaps on the end walls and adapted to be folded into the mouth of said receptacle, wedge elements on said flaps adapted to bear against adjacent portions of said receptacle when said flaps are folded into the mouth of said receptacle, and finger tabs provided by said flaps to facilitate unfolding said flaps from the mouth of said receptacle.

6. A receptacle support formed from a single blank of material, the said blank providing end and side walls folded to provide a collar for a receptacle, band portions having interlocking ends providing a supporting bottom for the receptacle, a cover flap on one of said side walls, and a mounting flap on the other of said side walls.

7. A receptacle support formed from a single blank of material, the said blank providing end and side walls folded to provide a collar for a receptacle, band portions having interlocking ends providing a supporting bottom for the receptacle, a cover flap on one of said side walls, a mounting flap on the other of said side walls, holding flaps on the end walls and adapted to be folded into the mouth of said receptacle, wedge elements on said flaps adapted to bear against adjacent portions of said receptacle when said flaps are folded into the mouth of said receptacle, and finger tabs provided by said flaps to facilitate unfolding said flaps from the mouth of said receptacle.

WILLIAM TROGMAN.