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B. SEEGER

2,943,660

DISPOSAL SANITARY RECEPTACLE

Filed May 8, 1959

FIG. 1

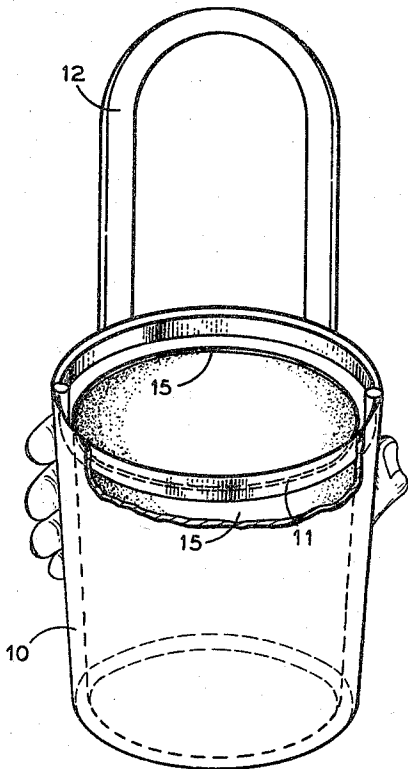


FIG. 2

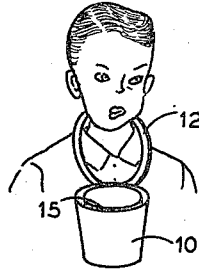


FIG. 3

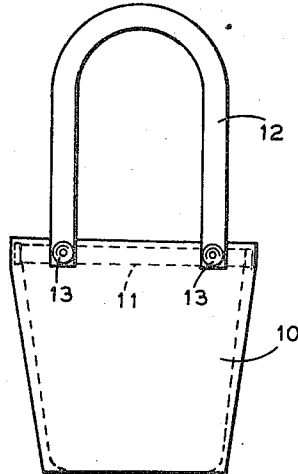


FIG. 4

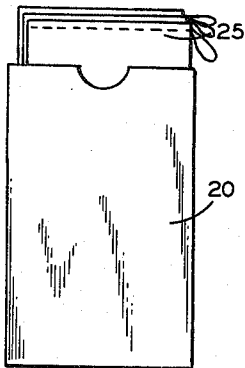


FIG. 5

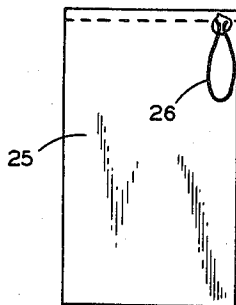
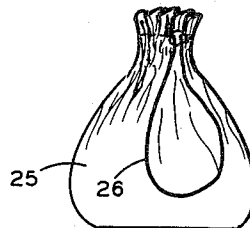


FIG. 6



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DISPOSAL SANITARY RECEPTACLE

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1 Claim. (Cl. 150—3)

This invention relates to disposable or "throw away" bags or receptacles for storing or disposing of obnoxious, unsanitary, or malodorous material, articles, or substances, and more particularly to an improved sanitary bag or receptacle of this type.

Many people, and particularly children, are subject to travel or motion sickness resulting in nausea frequently accompanied by vomiting. For this reason, some types of passenger carriers, such as aircraft, provide bags at each seat, which may be used to receive anything expelled from the stomach during air sickness. Known bags of this type are not only conspicuous, which is psychologically bad for the passenger, but also are not capable of containing or neutralizing odors accompanying such sickness. The same characteristics are generally true of the receptacles provided hospital patients for use during violent stomach upsets.

In accordance with the present invention, the foregoing objectionable disadvantages of known receptacles of this type are overcome in a novel manner. More particularly, the invention receptacle is in the form of a relatively small plastic bag suitably treated or provided with deodorizing means. A plurality of these bags are provided in compact form for easy storage and transportation.

In one arrangement, the bag forms an insectable and removable liner for an outer container provided with a loop or the like for suspending about the neck, this outer container being formed with a closable neck. When the device is to be used, the neck is quickly opened for ejection of material from the mouth in the receptacle lining the container. The deodorant prevents contamination of the ambient atmosphere and minimizes discomfort to the user and others in the vicinity. After use of the device, the neck of the container is easily reclosed into sealing condition.

In another arrangement according to the invention, a plurality of bags, each provided with a drawstring at its neck, are stored in a larger bag and removed therefrom one at a time for use.

For an understanding of the invention principles, reference is made to the following description of typical embodiments thereof as illustrated in the accompanying drawings. In the drawings:

Fig. 1 is a perspective view of one form of receptacle embodying the invention;

Fig. 2 is a perspective view of this receptacle as suspended from a child's neck;

Fig. 3 is an elevation view illustrating the neck loop attached to the outer container;

Fig. 4 is a perspective view of another form of receptacle embodying the invention, as stored or carried before use;

Fig. 5 is a perspective view of the individual receptacle before use; and

Fig. 6 is a similar view after use.

Referring to Figs. 1, 2 and 3, in this embodiment of

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the invention, a plastic outer container 10 is provided, a suitable material being a polyethylene resin. Container 10 has a closed bottom and an open neck provided with a spring lock band 11 such as customarily used on self-closing tobacco pouches. Such a spring lock is readily opened by pressing its ends toward each other. A band or holder 12 is detachably secured to the back surface of container 10 by means of snap fasteners 13, so that the container may be readily suspended from the neck of a user to hang below the chin, as indicated in Fig. 2.

The disposable bags 15, likewise of plastic material, are stored or carried in superposed, preferably folded relation for compactness. To use a bag 15 spring lock 11 is opened and a bag 15 is inserted into container 10, with the latter then hung around the neck, by loop 12, either upon entering the passenger carrier or with the first indication of sickness. When vomiting is imminent, spring lock 11 is opened and after heaving of stomach contents into bag 15, lock 11 is allowed to reclose. Bag 15 is treated with a deodorizer so as to minimize unpleasant odors and discomfort to others.

Bags 15 may be furnished in sets of six, for example, with each container 10. If desired, a chewing or sucking pill or candy can be furnished with each bag, for the use of children. The container 10 and bag 15 are not limited to use by travelers but may be used by hospital patients or home patients, or as soiled diaper containers. After use, the bags 15 may be extracted from holder 10 and suitably disposed of. The outside of the container 10 or bags 15 may be imprinted with nursery rhymes, airline schedules, mays or similar material pertinent to their intended environment of use.

In the embodiment shown in Figs. 4, 5 and 6, an outer container 20 of plastic or cardboard is provided to hold a plurality of plastic bags 25. Bags 25 may be treated with or contain a deodorant, and have closed bottoms and open necks. The necks of bags 25 are provided with drawstrings 26. Thus, after extraction of a bag 25 from container 20, followed by use of the bag, drawstring 26 may be pulled to close the bag and the latter may be disposed of in any desired manner.

Except for the slight differences in construction and operation, the bags 15 and 25 have the same uses in the same environments as set forth above. Bags 25 in container 20 may be folded to a size suitable for carrying in a handbag or the like, and may be provided with a peppermint or the like in a secret compartment.

While specific embodiments of the invention have been shown and described in detail to illustrate the application of the invention principles, it will be understood that the invention may be embodied otherwise without departing from such principles.

What is claimed is:

55 A sanitary device for containing, for disposal, unsanitary and malodorous articles and substances, comprising in combination a relatively permanent normally flat outer container of plastic composition closed at one end and having an openable neck, a normally closed elongated self-closing spring embracing said neck and secured there-
60 to whereby finger pressure on the ends of said spring opens said spring and hence said neck, a contents-receiving disposable container of plastic material closed at one end and having an open end, said receiving container being positioned completely within said outer container
65 in lining relation therewith, deodorizing means operatively associated with said contents-receiving container to deodorize the ambient atmosphere during filling of said contents-receiving container, draw string means on said contents-receiving container for closing the tops
70 thereof after filling, spaced snap fastener elements on one side only of said flat outer container, a looped band adapted to extend around the neck of a user, and co-

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operating snap fastener elements on the ends of said band cooperating with said first mentioned snap fastener elements detachably securing said band to one side of said outer container.

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