

April 26, 1955

H. B. WHITE
COMFORT BANDAGE

2,706,985

Filed Aug. 17, 1953

2 Sheets-Sheet 1

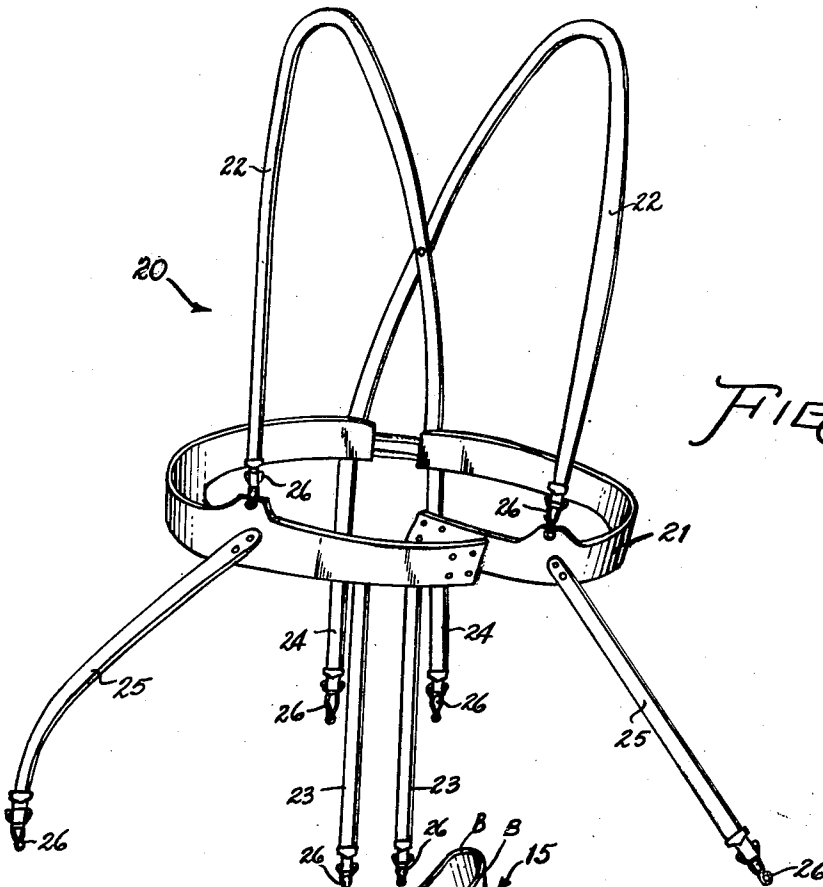


FIG. 1.

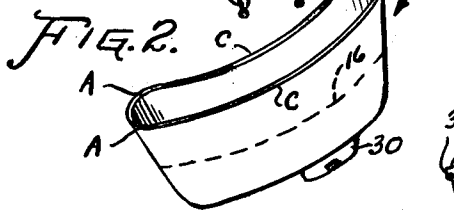


FIG. 2.

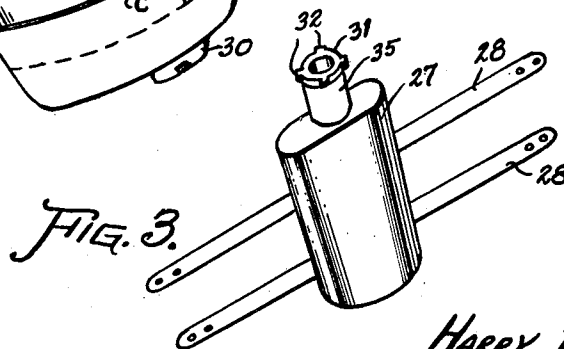


FIG. 3.

HARRY B. WHITE,
INVENTOR,

BY-

[Signature]
ATTORNEY

April 26, 1955

H. B. WHITE
COMFORT BANDAGE

2,706,985

Filed Aug. 17, 1953

2 Sheets-Sheet 2

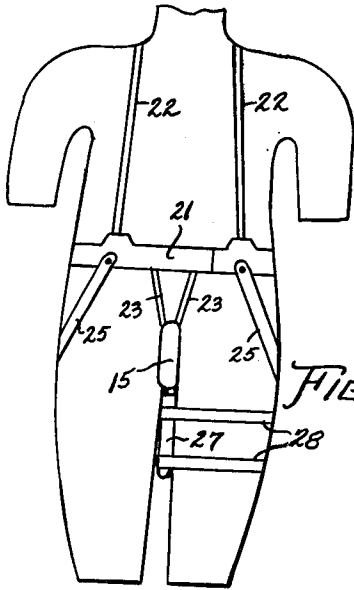


FIG. 4

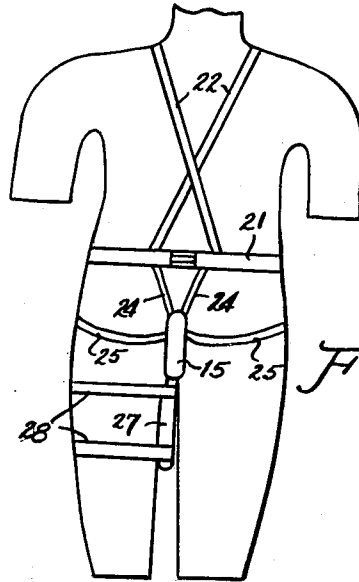


FIG. 5

FIG. 7

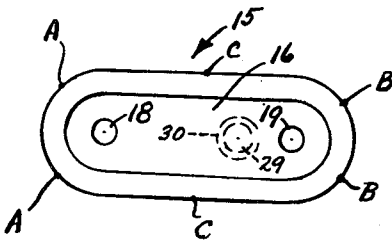
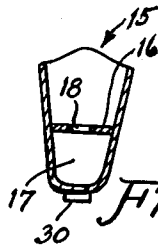


FIG. 8

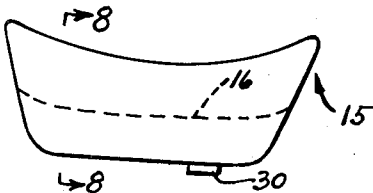


FIG. 6

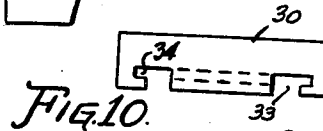


FIG. 10

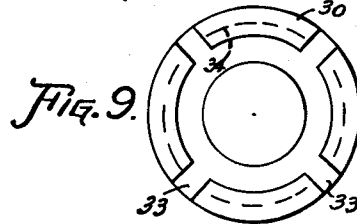


FIG. 9

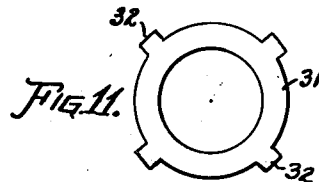


FIG. 11

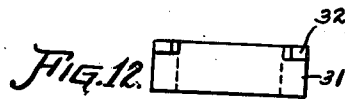


FIG. 12

HARRY B. WHITE,
INVENTOR,

by 
ATTORNEY

2,706,985

COMFORT BANDAGE

Harry B. White, Elizabeth, N. J., assignor of one-half to
Daisy Frances Sansouci, Ecorse, Mich.

Application August 17, 1953, Serial No. 374,520

1 Claim. (Cl. 128—283)

The present invention relates to a comfort bandage to collect bodily discharges.

The principal object of this invention is to provide a novel and improved receptacle device to be worn by elderly people suffering from involuntary discharges from the urinal and rectal organs resulting from disease and organic weakness, affording means to prevent the soiling of the wearer's clothing and providing a detachable receptacle for the waste.

A further object hereof is to provide a novel and improved device of the character mentioned which is light weight, reasonably cheap to manufacture, easy to use, causing no discomfort to the wearer and which is efficient in accomplishing the purposes for which it is designed.

Other objects and advantages will become apparent as this disclosure proceeds.

In the accompanying drawings forming part of this specification, similar characters of reference indicate corresponding parts in all the views.

Essentially, this invention comprises a shield member of flexible, waterproof material encompassing the bodily outlets for it is supported to lie between the legs across the crotch and beyond the offending organs, by a harness worn on the torso; said shield having means to direct all discharge into a detachable storage receptacle worn on one leg.

So in the drawings, the several views may be described as follows:

Fig. 1 is a pictorial view of one form of harness.

Fig. 2 is a similar view of the shield member which is supported by said harness across the crotch of the wearer.

Fig. 3 is a similar view showing the removable receptacle in which the drip or discharges are collected.

Fig. 4 shows the front of a person wearing this appliance.

Fig. 5 is the rear view of Fig. 4.

Fig. 6 is a side view of the shield member.

Fig. 7 is a top view thereof.

Fig. 8 is a section taken at lines 8—8 in Fig. 6.

Fig. 9 shows the underside of a coupling ring which is positioned at the bottom of the shield.

Fig. 10 is a view showing an elevation of the coupling ring illustrated in Fig. 9.

Fig. 11 is the top view of a coupling ring which is at the mouth of the collection receptacle which is worn on the leg.

Fig. 12 is a view showing an elevation of the coupling ring illustrated in Fig. 11.

In the drawings, the numeral 15 designates generally the shield member which is of plastic sheeting or other limp water-proof material, so preferred, so that it can be comfortably worn between the legs of a wearer across the crotch. It is an elongated receptacle in structure, having a partition 16 therein to form a lower chamber 17. The mouth of this shield member is long enough to encompass the front and rear dripping organs. In fact, holes 18 and 19 in the partition 16 register respectively with the outlets of said organs, for said partition contacts the body of the wearer and the walls above said partition spread out and lie as a sort of flange onto the body surface, thus keeping the clothes from being wetted. This shield member 15 is held in position as shown in Figs. 4 and 5, by means of the harness denoted generally by the numeral 20, worn on the torso.

Such harness may comprise a belt 21, from which extend upwardly, the shoulder straps 22, and a downward

pair of front straps, a downward pair of back straps, and the pair of downwardly diverging side straps, indicated respectively by the numerals 23, 24 and 25. All straps may be adjustable, detachable and elastic as may be desired, and each downward strap is provided with a usual garter-attaching means 26 commonly used on hose supporters. The front straps 23 are attached in spaced relation at rim region of the shield member 15, indicated by positions "A." The back straps are attached likewise at positions "B" and the straps 25, are first brought backwardly around legs from the sides and attached at positions "C." The lengths of the straps 23, 24 are adjusted to hold the partition 16 in surface contact with the body and straps 25 are adjusted to spread points "C" apart.

A flask 27 or other suitable collection receptacle is strapped to a leg by straps 28 and detachable coupling means is provided to connect said flask watertight against leakage, in communication with the chamber 17. For such purpose, there is an opening in the bottom of the shield member 15 indicated at 29, in such position that any discharge coming into said chamber through the holes 18 and 19, will drain through the opening 29 into the flask 27.

The said opening 29 is framed by a ring member 30 and the mouth of the flask 27 has a ring 31. These rings form a come-apart coupling means; the lateral lugs 32 on ring 31, fitting through the radial slots 33 in the undersurface of the ring 30, enter and become engaged in the inner annular channel 34 and tightly hold the rings 30 and 31 in watertight connection and make chamber 17 communicative with the flask 27, when said flask is turned a bit. The neck 35 of the flask is preferably of flexible material so as not to hamper walking with ease.

The shield member 15 being detachable from the harness 20, and the receptacle 27 being detachable from said shield member, they may be easily cleaned.

This invention is capable of numerous forms without departing from the essential features herein disclosed. It is therefore intended and desired that the embodiment shown herein be deemed illustrative and not restrictive and that the patent shall cover all patentable novelty herein set forth; reference being had to the following claim rather than to the specific description herein to indicate the scope of this invention.

I claim:

In a comfort appliance of the character described, a collection receptacle having a top intake opening, means on said receptacle for mounting same onto a leg of the user, a harness means adapted to be worn on the torso of the user, a shield to be positioned between the legs, across the crotch and encompassing the urinal and rectal organs of the user, comprising an open-top receptacle structure, elongated in shape and of pliable waterproof material having a partition below the mouth of same forming a lower compartment therein; said partition having two spaced holes and the bottom wall of said compartment having an opening therein, means detachably coupling said openings, communicatively connecting said compartment and said collection receptacle; said shield when worn, being positioned whereby said partition is in surface contact with the crotch and across said organs and said holes in said partition are against and communicatively respectively with the urinal and rectal openings of the user; the bottom opening in said lower compartment of the shield being substantially horizontal when said appliance is worn, so that the drippings from said organs are directed into the collection receptacle and strap means depending from said harness, holding the shield in its mentioned use position when the appliance is worn; the strap means supporting the shield receptacle structure, being mounted on the rim region thereof at two spaced points at the front and back respectively and at opposite points between the legs of the user, whereby the partition member is held substantially flat and taut against the body of the user, straddling the crotch between the legs of the user.

References Cited in the file of this patent

UNITED STATES PATENTS

2,277,043

Cohn ----- Mar. 24, 1942