

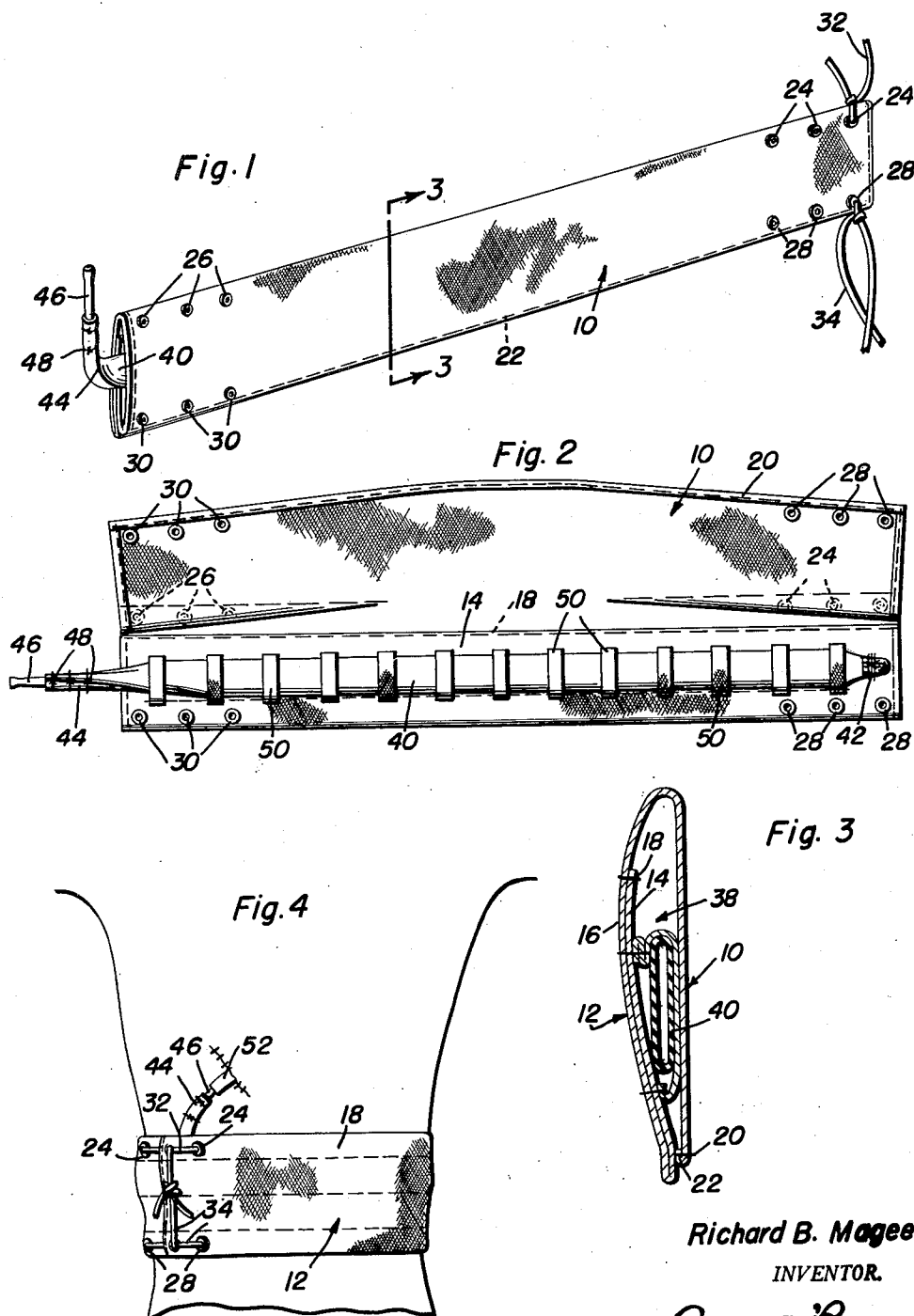
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R. B. MAGEE

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SURGICAL DRAINAGE COLLECTION BELT

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Richard B. Magee
INVENTOR.

BY *Alvanice A. O'Brien*
and Harvey B. Jackson
Attorneys

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SURGICAL DRAINAGE COLLECTION BELT

Richard B. Magee, Altoona, Pa.

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6 Claims. (Cl. 128—275)

1

This invention relates to improvements in surgical devices.

An object of this invention is to provide a surgical belt of improved construction to collect drainage from the human body, said surgical belt containing a removable receptacle which is located almost entirely within a pocket formed by panels of the belt whereby the receptacle is retained securely in a covered position.

Another object of this invention is to provide a surgical belt adapted to be located around the body of an individual said belt having a flexible receptacle or container therein which, because of its full extent around the body of an individual, does not protrude objectionably in any one location of the body and yet has ample capacity because of its length.

Ancillary objects and features of importance will become apparent in following the description of the illustrated form of the invention.

In the drawings:

Figure 1 is a perspective view of the device;

Figure 2 is a plan view of the device with the upper panel lifted to illustrate the means of holding the receptacle within the belt;

Figure 3 is a transverse view taken substantially on the line 3—3 of Figure 1 and in the direction of the arrows; and,

Figure 4 is a view showing the device in use.

The drainage collection belt illustrated in the drawings consists of a first panel 10 connected to a second panel 12, both panels being made of a single sheet of flexible material. The panel 12 is made from two thicknesses 14 and 16 of the sheets of material which are stitched together as at 18 intermediate the upper and lower edges thereof. The upper edge of the panel 12 is connected to the upper edge of the panel 10 hingedly, a part of the material forming both panels serving as the hinge connection.

The lower edge of the panel 10 is provided with a small hem 20, made by a row of stitching 22.

An upper group of eyelets 24 are located at one end of both of the panels and an upper group of eyelets 26 are located at the opposite end of both of the panels. A lower group of eyelets 28 are disposed at one end of both of the panels, and a lower group of eyelets 30 are disposed at the opposite end of the both of the panels. An elongated and flexible member, as a string 32 is disposed in selected eyelets 24 and 26, while a similar member 34 is located in the groups of eyelets 28 and 30. These flexible members are tied together after being threaded in selected apertures so as to hold the belt in place on a part of the

2

anatomy of an individual, for example his waist. By using the eyelets and strings or flexible members 32 and 34, the size of the device may be varied in accordance with the needs of each individual.

When the panels 10 and 12 are in the closed condition (Figure 3) a pocket 38 is formed in which there is a flexible receptacle 40 disposed. The receptacle may be made of any suitable material, for example rubber, commercial plastic and others. The panels are made from a sheet of canvas or other fabric material, although the choice of material is left largely within the prerogative of the manufacturer.

The receptacle 40 is in the form of a flattened tube with one end 42 closed, as by tying it. The opposite end has a neck 44 with a tube 46 located therein. The tube is held in place by any standard means, for example by tying it with strings as at 48. The tube 46 together with the neck 44 constitutes an inlet for the receptacle 40.

The pocket 48 is open ended or at least, one end of the pocket is open. This allows the tube 40 to be inserted through an end of the belt and into the series of loops 50 which constitutes a means of releasably holding the receptacle 40 in place in the pocket 38. These loops are of suitable flexible material, as fabric, and are stitched at their upper and lower ends much the same as standard belt loops of trousers.

In operation the belt is applied to the waist of an individual with the neck of the flexible container 40 bent upwardly. The tube 46 is attached to the drainage member 52 protruding from the body of the person using the device and, the receptacle 40 thus collects the drainage.

When it is desired to empty the receptacle 40, the belt is removed from the body and the receptacle 40 slid through the open end of the pocket 38, passing through the loops 50.

Having described the invention, what is claimed as new is:

1. A surgical device comprising a belt, said belt having a pocket therein, a flexible receptacle disposed in said pocket loops releasably holding said receptacle in said pocket, and an inlet tube connected to said receptacle and extending outwardly from said pocket.

2. A surgical device comprising a belt, said belt having a pocket therein, a flexible receptacle disposed in said pocket loops releasably holding said receptacle in said pocket, and an inlet tube connected to said receptacle and extending outwardly from said pocket, and adjustable

3

means secured at the ends of said belt for securing said belt to a person.

3. A surgical device comprising a belt, said belt having a pocket therein, a flexible receptacle disposed in said pocket means releasably holding said receptacle in said pocket, and an inlet tube connected to said receptacle and extending outwardly from said pocket, said means comprising a plurality of spaced loops secured at their ends to said belt, one end of said pocket being open, and the loops being arranged so that said receptacle is insertable and removable through said open end.

4. A surgical device comprising a belt, said belt including a reinforced first panel, a second panel integral and coextensive with said first panel, spaced loops disposed longitudinally along one side of said first panel, a flexible receptacle removably carried by said loops, said second panel covering said receptacle and being adapted to be received against the body of the wearer, said panels having aligned openings in their free ends, fastening means extending through said aligned openings and adjustably securing said belt to the wearer.

4

5. The combination of claim 4 wherein an inlet tube is connected to an end of said receptacle, said tube terminating exteriorly of said belt.

6. A surgical device comprising a belt having a longitudinally extending outer flexible panel, an inner flexible panel hingedly connected to said outer panel and coextensive therewith, a plurality of parallel, vertically disposed, horizontally spaced loops on said outer panel, a flexible receptacle releasably held in said loops, said receptacle being disposed between said panels.

RICHARD B. MAGEE.

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