

Nov. 9, 1948.

J. G. TOWNS

2,453,166

HOLDER FOR RUPTURE BUTTONS AND THE LIKE

Filed Dec. 27, 1946

Fig. 1.

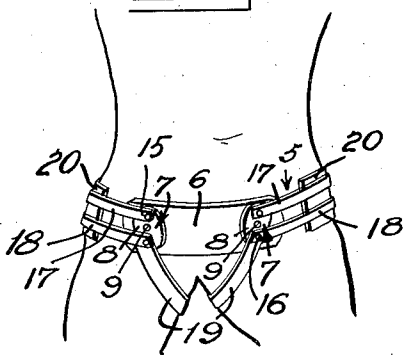


Fig. 2.

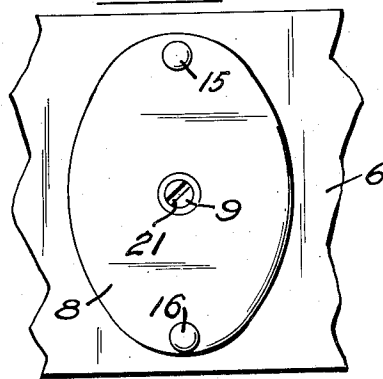
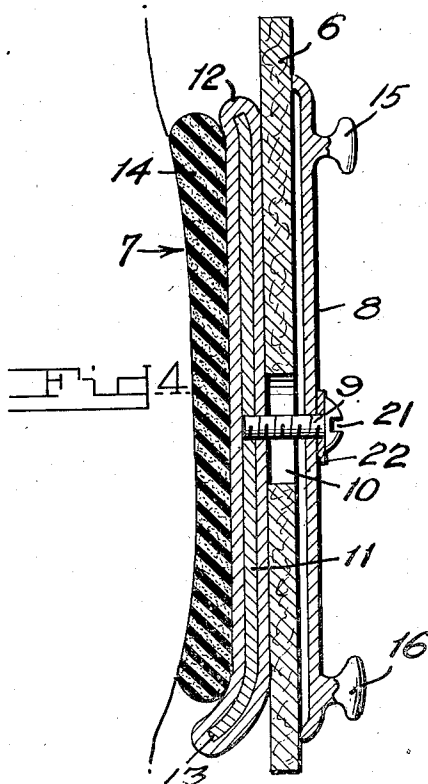
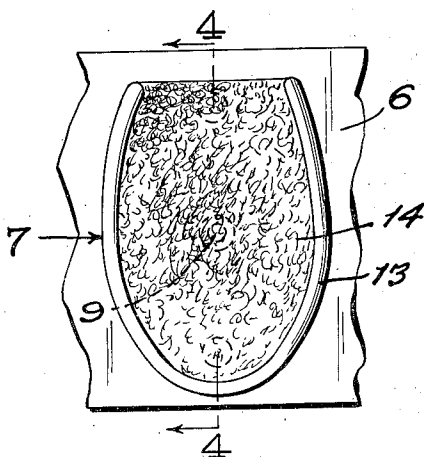


Fig. 3.



Inventor

Joshua G. Towns

By *Randolph & Beavers*
Attorneys

UNITED STATES PATENT OFFICE

2,453,166

HOLDER FOR RUPTURE BUTTONS AND
THE LIKE

Joshua G. Towns, Grand Junction, Colo.

Application December 27, 1946, Serial No. 718,845

1 Claim. (Cl. 128—95)

1

This invention appertains to rupture pads or buttons and more particularly to such a device contemplated to give better support to the rupture and comfort to the wearer.

The principal object of the present invention is to provide a rupture pad or the like which can be readily adjusted in position against the abdomen and there positively held against maladjustment.

Another object of the invention is to provide a truss or rupture pad, the parts of which can be readily disassembled for the purpose of repair or replacement.

Still another object of the invention is to provide a rupture pad or truss having particular means for adequately supporting the rupture, in such a manner as to promote the healing thereof.

These and other objects and advantages of the invention will become apparent to the reader of the following description.

In the drawing:

Figure 1 is a fragmentary front elevational view showing the truss in position.

Figure 2 is an enlarged front elevation of the front section of the belt and the pad assembly.

Figure 3 is a fragmentary inside elevational view.

Figure 4 is an enlarged fragmentary vertical sectional view taken substantially on line 4—4 of Figure 3.

Referring to the drawing, numeral 5 generally refers to a belt which includes an abdomen section 6 for transverse disposition against a person's abdomen as in the manner substantially shown in Figure 1.

The pad assembly is generally referred to by numeral 7 and consists of a substantially ovate shaped front plate 8 for disposition against the corresponding end of the belt section 6, the same having a central opening for receiving a bolt 9, this being disposed through an enlarged opening 10 in the corresponding end of the belt section 6, screwed into a threaded opening in a cup-shaped metal plate 11 at the rear side of the belt section 6. The plate 11 has a covering 12 of fabric or leather, the same being dish or cup-shaped so as to form a concavity, the lower and side edges of which flare as at 13, while there may be a slight flare or no flare at all at the upper edge of this pad backing. A body engaging pad 14, preferably of sponge rubber is cemented to the front side of the cover 12 to assume the position substantially shown in Figures 3 and 4. Obviously, the flared edges of the concave structure or backing for the pad 14 serves to hold the ruptured area at its side and bottom portions against dropping of the rupture, while the upper por-

2

tion is free so that the injured area can rightfully adjust itself and to the end that natural healing can take place without discomfort to the wearer.

As is apparent, a pad 14 may be provided at each end of the belt section 6. Regardless of this double installment of the pad, it is preferable that a plate 8 be provided at each end of the section 6 and each plate has upper and lower knobs 15, 16 over which the apertured ends of upper and lower straps 17, 18, respectively, engage, there also being crotch straps 19 for engagement with the lower knobs 16. A like belt section is provided at the back of the wearer 15 and the straps 17, 18 pass over hip pads at 20, if desired.

The head of the bolt 9 preferably has a screw driver kerf 21 therein and a washer 22 is provided between the bolt head and the corresponding plate 8.

It is apparent, that by loosening the bolt 9, proper adjustment of the pad 14 can be attained by lifting or lowering, or moving laterally, the structure, with the bolt 9 loosened. When the proper adjustment has been made, the bolt 9 is tightened and the pad 14 will firmly remain in this desired adjusted position.

By removing the bolt 9, the parts will readily come apart so that repairs, replacements and cleaning can be accomplished.

While the foregoing description sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

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

A truss comprising an elongated belt section, body encircling straps, plates on the ends of the belt section, securing means between the plates and the adjacent ends of the straps, a pad and securing means between the pad and the corresponding plate, said pad being of sponge rubber, a rigid backing for the sponge rubber pad, a resilient cover for the backing, said pad being adhered to the said covering.

JOSHUA G. TOWNS.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
2,114,317	Riess	Apr. 19, 1938