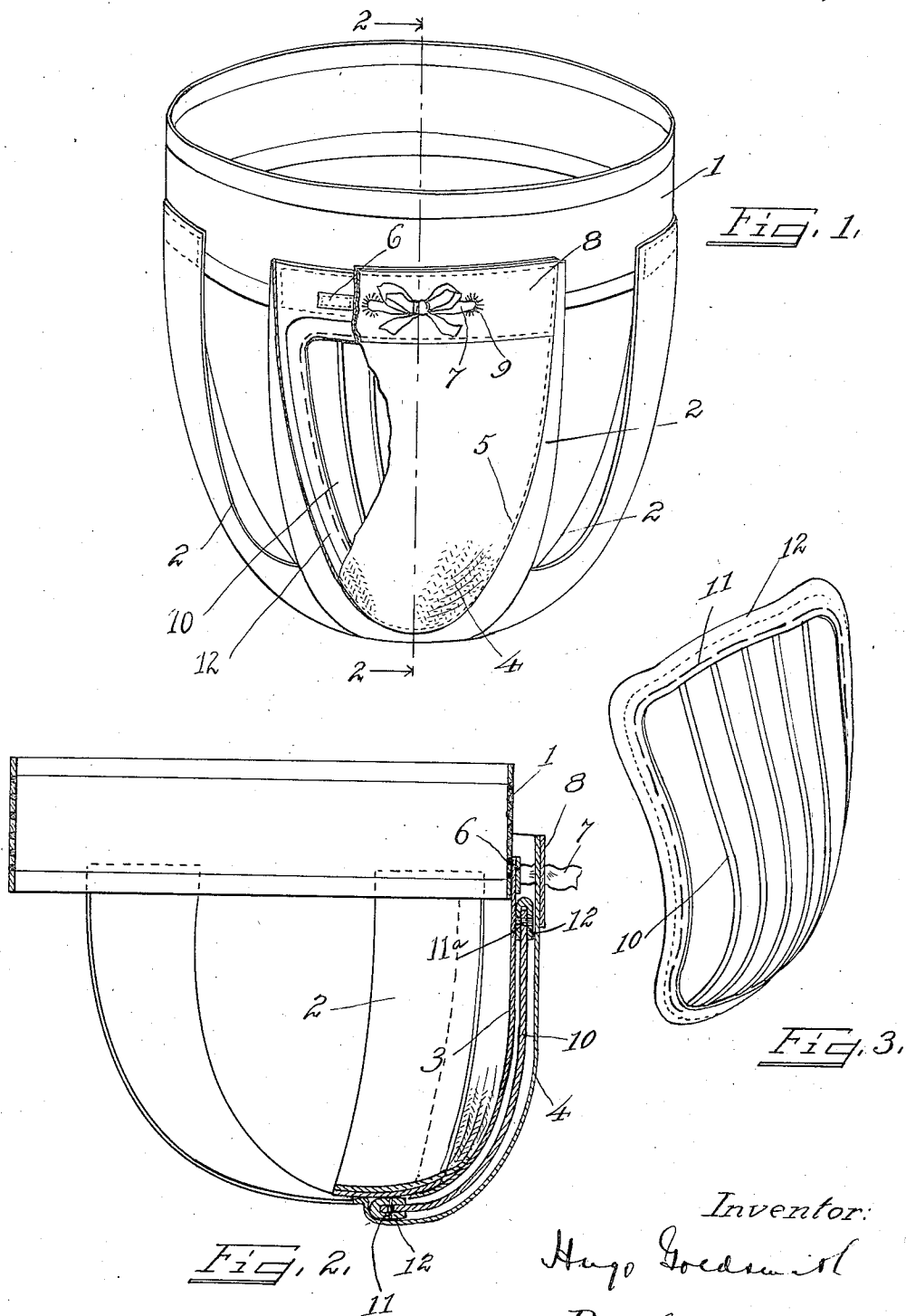


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ABDOMINAL PROTECTOR.
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1,421,077.

Patented June 27, 1922.



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UNITED STATES PATENT OFFICE.

HUGO GOLDSMITH, OF CINCINNATI, OHIO.

ABDOMINAL PROTECTOR.

1,421,077.

Specification of Letters Patent. Patented June 27, 1922.

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To all whom it may concern:

Be it known that I, HUGO GOLDSMITH, a citizen of the United States, and a resident of the city of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Abdominal Protectors, of which the following is a full, clear, and exact description, reference being had to the drawing forming a part of this specification.

My invention relates to athletic supporters and abdominal protectors and has special relation to devices of such character which include metallic guards or protecting plates.

There have been devices in the past according to my knowledge which served to retain a metallic plate of aluminum in front of the body below the abdomen, thereby serving the same purpose for which my invention is designed. It is the object of my invention, however, to provide, in connection with the desired form of athletic supporter, a pouch within which fits the aluminum protector plate, the edge of which plate is protected against bruising the wearer. It is thus possible to use the supporter without the aluminum plate, and to remove the plate for cleansing and washing the garment, and I provide, among other things, for a simple method of opening and closing the pouch above mentioned.

These objects and other advantages to be noted I accomplish by that certain construction and arrangement of parts to be hereinafter more specifically pointed out and claimed.

In the drawings,

Figure 1 is a front elevation of the device.

Figure 2 is a section thereof on the line 2-2 of Figure 1.

Figure 3 is a view in perspective of the aluminum plate removed from the supporter.

The device has preferably an elastic waist band 1, with leg or cross bands 2. It has also a mesh front 3 which is preferably non-elastic and is stitched to the inside of the front portion of the cross or leg bands 2.

In addition to the above parts which go to make up a supporter such as has been in use for some years, I provide an additional piece of mesh 4, which is stitched to the outside of the front of the cross bands, as indicated at 5. The upper edge of the inner

or normal mesh front is provided with a tape 6, which tape is preferably stitched on the waist band in such a way as to leave two free ends 7 at the center.

The upper edge of the extra mesh piece is finished with a piece of fabric 8 which is not attached to the waist band, but left free so that together with the inner mesh piece, a pouch is formed, having a wide mouth at the upper end.

The fabric 8 is provided with eyelets, 9, through which the tapes 7 are passed, and tied to close the pouch.

An aluminum protector 10 shaped to conform to the lower abdomen, preferably is inserted in the pouch, made up as above, said pouch being, of course, of a proper shape to receive it. The plate 10 is preferably perforated as indicated by the dots 11^a in Figure 2, thereby providing holes for stitching 11 around the edge of the plate a felt or other soft fold of material 12 to prevent the plate from bruising the wearer.

It is readily observable from the above description that the supporter or protector is provided with a metallic plate which provides an armor for the parts to be protected, and that said plate is readily removable, by merely untying the tape fastener. When the plate is removed the whole article may be washed and cleaned, and if desired the device may be used without the plate, or with it, to suit the wearer.

I do not wish to limit myself to the precise details above described, because of the failure to point out the various modifications possible in making up the device, but instead desire a construction of my claim to include equivalent structures where its wording permits of such an interpretation.

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

A supporter having an elastic structure comprising a waist band and leg loops depending therefrom, a removable, concave-pocket-forming, rigid insert piece, and fabric means mounted on the front of the elastic structure and forming a pocket extending upwardly from the crotch, in which pocket the insert is to be placed, said pocket being open at the top for introduction of the insert, and means to close the opening at the top of the pocket.

HUGO GOLDSMITH.