C. S. WAHLSTROM.

TRUSS PAD.

APPLICATION FILED OCT. 10, 1917.

1,312,222. Patented Aug. 5, 1919.

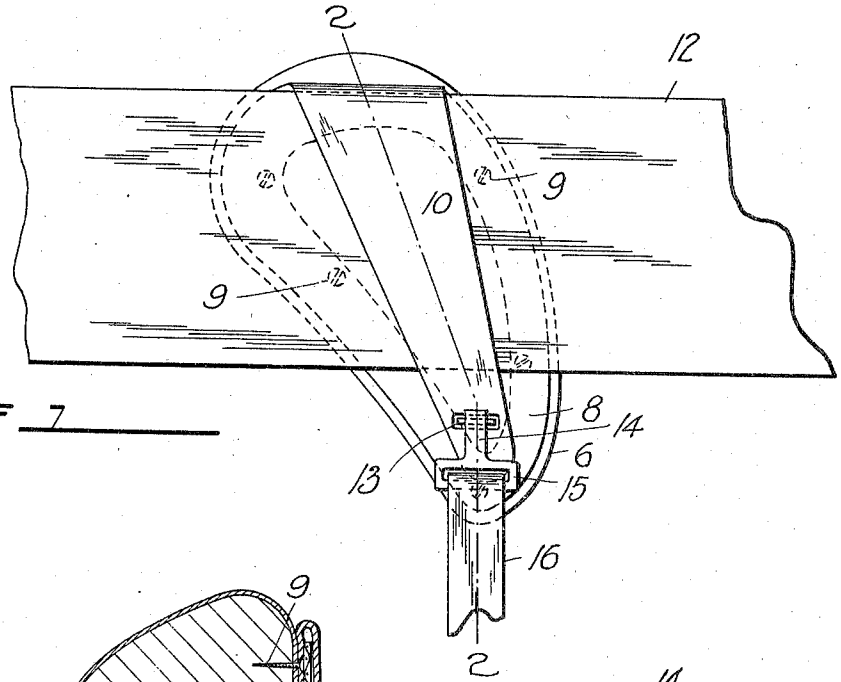


FIG. 1

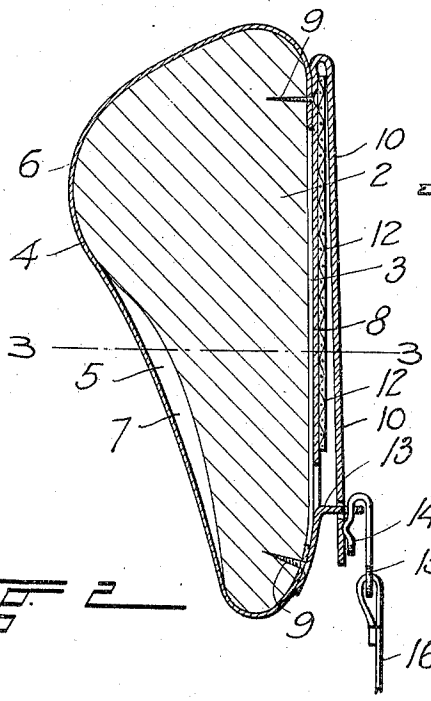


FIG. 2

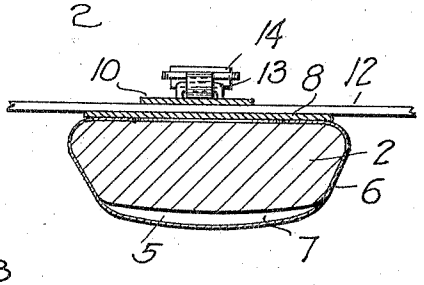


FIG. 3

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TRUSS-PAD.

1,312,222. Specification of Letters Patent. **Patented Aug. 5, 1919.**

Application filed October 10, 1917. Serial No. 195,761.

To all whom it may concern:

Be it known that I, CHARLES S. WAHLSTROM, a citizen of the United States, residing at Boulder, in the county of Boulder and State of Colorado, have invented certain new and useful Improvements in Truss-Pads, of which the following is a specification.

My invention relates to trusses for the treatment and relief of hernia, and its principal object resides in providing certain improvements in the construction and arrangement of the truss-pad and the parts by which it is held in position upon the body of the patient, whereby the truss will readily adapt itself to the movements of the body and its pad is firmly held in its position over the rupture without unnecessary friction or detrimental pressure.

With the above objects in view, my improved truss consists in the novel constructions and combinations and arrangements of parts shown in the accompanying drawings and hereinafter more particularly described and claimed.

In the drawings in the various views of which like parts are similarly designated,

Figure 1 is a rear view of my improved truss-pad in its operative position on the belt by which it is held in place on the body of the user,

Fig. 2, a section taken along the line 2—2, Fig. 1, and

Fig. 3, a section taken along the line 3—3, Fig. 2.

Referring to the drawings by numerical characters of reference, 2 designates the body portion of the truss-pad which may be composed of cork or other suitable material.

The body 2 which is of ovate contour, has its rear side 3 flattened for its attachment to a metal plate 8 hereinafter to be described, and its face 4 has a concavity 5 for the formation of an air-cushion at the point at which in practice, it engages the body of the user.

The body 2 has a covering 6 of leather or other elastic material which is stretched tightly over its face and held in place by the plate 8.

The leather covering being stretched across the concavity 5, produces an air-space 7 which provides the cushion hereinbefore referred to.

The plate 8 whose contour corresponds with that of the pad, covers the edges of the leather covering which are gathered upon the flat surface thereof and is rigidly secured to the body of the pad by means of screws 9.

A spring hasp 10 formed integral with the plate, extends in spaced relation thereto to provide a passage for the belt 12 by means of which the truss is held upon the body of the patient.

The slotted free end of the hasp passes over a staple 13 formed integral with the plate and is held in place by a hook-shaped bolt 14 which at its outer end has a loop 15 for its connection with the crotch-strap 16.

The truss is fastened to the body in the usual manner and when in place over the rupture produces a firm and gentle pressure with sufficient resiliency to prevent injury and to properly support the hernia under all conditions.

The connection between the pad and the belt provides for its adjustment to adapt itself to every movement of the body, and the hook provides a simple and convenient medium to secure the resilient hasp and fasten the free end of the crotch strap.

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

1. The combination with a belt and a crotch-strap, of a truss-pad, a resilient hasp fastened upon a face thereof, a staple on the pad over which the hasp passes, and a hook at an end of the crotch-strap coöperating with the staple and the hasp to produce a loop through which the belt passes.

2. In combination, a truss-pad, a resilient hasp fastened upon a face thereof, a staple on the pad over which the hasp passes, and a bolt having a loop for the attachment of a strap and adapted to coöperate with the staple to hold the hasp at a suitable distance from the face of the pad to provide a loop for the passage of a belt.

In testimony whereof I have affixed my signature in presence of two witnesses.

CHARLES S. WAHLSTROM.

Witnesses:

FRED A. CARROW,

CHARLES SISSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."