

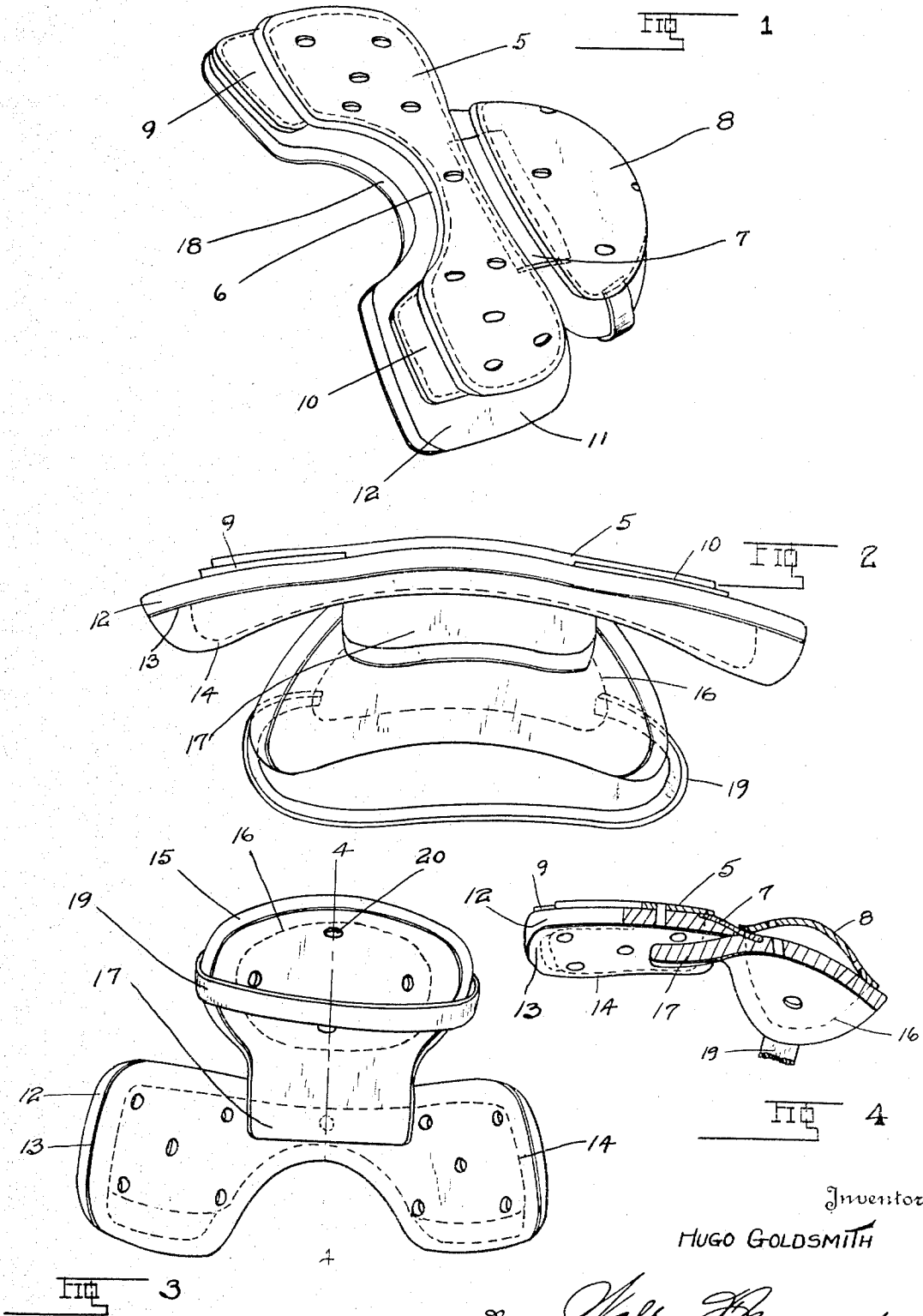
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H. GOLDSMITH

ATHLETIC PAD

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334

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# UNITED STATES PATENT OFFICE.

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## ATHLETIC PAD.

Application filed November 20, 1922. Serial No. 602,151.

*To all whom it may concern:*

Be it known that I, HUGO GOLDSMITH, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in an Athletic Pad, of which the following is a specification.

An object of my invention is to provide a shoulder pad such as is worn by foot ball players, that is simple in construction, and that will afford a maximum of protection and resistance to shock and wear.

Another object of my invention is to provide a device for the purpose stated adapted to attain a maximum cushioning against impact whereby to minimize the force of the blow directed against the wearer of the pad.

These and other objects are attained by the means described herein and disclosed in the accompanying drawing, in which—

Fig. 1 is a perspective view of a shoulder pad embodying my invention.

Fig. 2 is a side view of a device embodying my invention.

Fig. 3 is an inverted plan view of a device embodying my invention.

Fig. 4 is a sectional view on line 4—4 of Fig. 3.

The shoulder pad of my invention comprises an outer cap of leather or other suitable material 5 enlarged at its opposite ends and having a central depression 6 conforming with the general outline of the neck of the wearer. A strap 7 carried by the plate 5, substantially opposite to the depression 6, hingedly carries the shoulder cap 8. The shoulder cap is preferably of leather or other suitable similar material. The plate 5 carries the auxiliary plates or sheets 9 and 10, the sheets 9 and 10 being disposed on the opposite sides of the depression 6 and having their inner edges conforming with the general outline of the wearer's neck. A resilient pad 11 is carried by the under faces of the plates 5, 9 and 10 and comprises a body 12, preferably of sponge rubber secured upon a backing of fabric 13. The fabric and the rubber body 12 are secured upon one another in any suitable manner such as by cementing or by vulcanizing the rubber into the interstices of the fabric. The pad 11 is somewhat larger in area than the plates carrying the pad, and extends outwardly beyond the edges of the plates. The resilient pad

is fixedly retained upon the plates by rows of stitching 14 passing through the fabric 13, the body 12 and the plates 5, 9 and 10. The shoulder cap 8 carries a resilient pad 15, preferably similar in structure to the pad 11, and secured upon the shoulder cap by a row of stitching 16. The pad 15 has a lap 17 which extends below the resilient pad 11 and terminates adjacent the notch 18 formed in the inner edge of the pad 11. The cap 8 is provided with a suitable strap 19 whereby to retain the pad in position upon a wearer and to preclude movement of the pad about the wearer's neck when worn. It is customary for a player to wear two pads such as disclosed herein, one lying on each shoulder, and having their adjacent ends secured upon one another in any suitable manner common in the art, such as by means of lacings or straps.

By providing a structure as disclosed herein, the pad is provided throughout its area with even shock resistance qualities. The fabric face of the pad precludes tearing of the resilient pad 11, and also provides a tough foundation to hold the rows of stitching 14 and 16. The pad 11, the plate 5 and the shoulder cap 8 are provided with suitable registering holes 20 whereby to attain ventilation. It should be noted that pads made as disclosed herein are capable of practically no absorption of perspiration or rain thereby avoiding the disagreeable moisture and odors, deterioration, and hardening common in other devices of this nature. It should be further noted that the shock absorbing qualities of the device will remain constant so that repeated blows upon any given portion of the device will not develop lumps or humps in the resilient or shock absorbing pad.

What I claim is:

1. In a device of the class described the combination of a resilient pad comprising a sponge rubber body and a fabric base cemented thereto, plates extending over one side of the sponge rubber and spaced from the fabric base by the rubber, and rows of stitching passing through the plates the rubber and the fabric.

2. In a device of the class described the combination of a plate, a shoulder cap hingedly connected to the plate, resilient pads carried by the plate and the cap, the pads comprising a fabric base and a sponge

rubber body cemented together, the rubber spacing the fabric from the plate and the cap, and rows of stitching passing through the plate and the cap and through the re-  
5 spective pads carried thereby.

3. In a device of the class described the combination of a plate, a shoulder cap hingedly connected to the plate, resilient pads carried by the plate and the cap, the  
10 pads comprising a fabric base and a sponge rubber body cemented together, the rubber

spacing the fabric from the plate and the cap, and rows of stitching passing through the plate and the cap and through the re-  
spective pads carried thereby, the pad car- 15  
ried by the cap having a lap extending adja-  
cent to and below the pad carried by the  
plate.

In testimony whereof, I have hereunto  
subscribed my name this 15th day of No- 20  
vember, 1922.

HUGO GOLDSMITH.