

(No Model.)

C. COLVES.
TRUSS.

No. 556,620.

Patented Mar. 17, 1896.

Fig. 1.

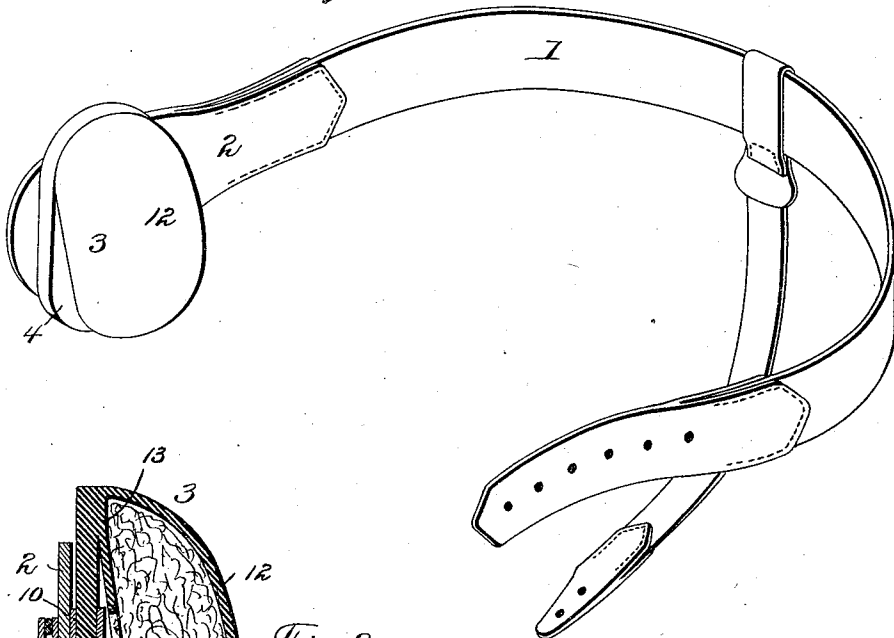


Fig. 2.

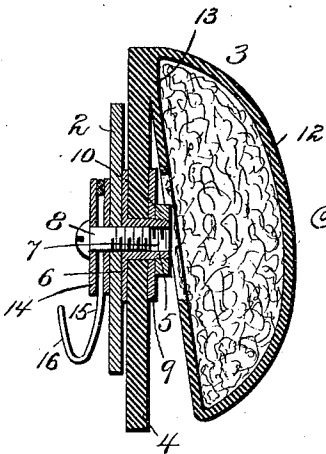
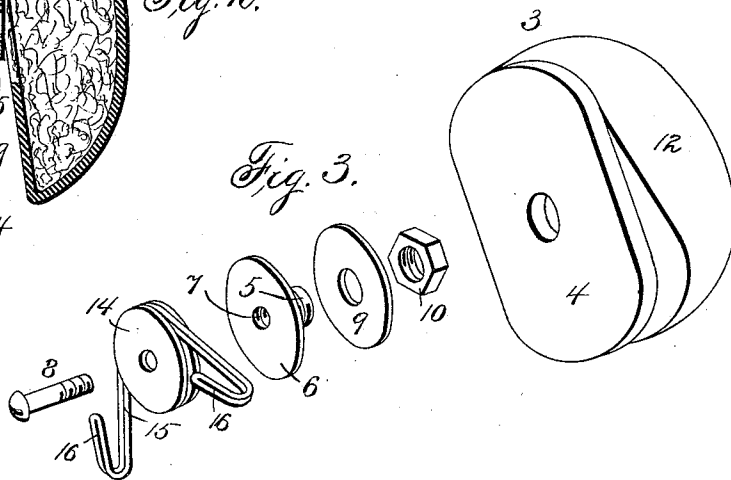


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

CHARLES COLVES, OF BEARDSTOWN, ILLINOIS, ASSIGNOR OF ONE-HALF
TO HENRY C. MEYER, OF SAME PLACE.

TRUSS.

SPECIFICATION forming part of Letters Patent No. 556,620, dated March 17, 1896.

Application filed September 21, 1895. Serial No. 563,235. (No model.)

To all whom it may concern:

Be it known that I, CHARLES COLVES, a citizen of the United States, and a resident of Beardstown, in the county of Cass and State of Illinois, have invented certain new and useful Improvements in Trusses; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in trusses; and its object is to provide a novel pad therefor which will possess superior advantages with respect to efficiency in use.

In the accompanying drawings, Figure 1 is a perspective view of a truss constructed in accordance with my invention. Fig. 2 is a longitudinal sectional view of the pad. Fig. 3 is a view showing the parts comprising the pad detached or disconnected from each other. In all of the above figures the cup is shown partly detached from the base.

In the said drawings, the reference-numeral 1 designates the usual elastic strap or belt provided at one end with a leather plate or piece 2, to which the pad is secured.

The numeral 3 designates the pad, consisting of a circular disk or oval plate 4, of india-rubber or other similar material, constituting the base and formed with a circular central aperture through which passes a screw-stud 5, provided with a cap-plate 6 and a recess 7 to receive a screw 8, by which the pad is secured to the belt. The stud on its inner side is provided with a washer 9 and a nut 10, by which the stud is held in place. Secured to this base is a cup 12, formed of india-rubber, round or oval in form, and having an in-

wardly-turned flange 13, which is connected to the base. This cap forms a receptacle for a filling of wool or other similar material.

The pad may be applied directly to the belt, or it may have a metal spring interposed therebetween, as is the case in some forms of trusses. The screw 8 passes through the strip or piece 2, and is provided with two parallel disks 14, between which engages a hook 15, consisting of a doubled wire bent at the center and soldered to the disks and the ends bent outwardly forming arms 16, which are adapted to engage with holes in the other end of the belt and hold it to the body.

In using this truss the cap 12 presses against the injured parts, and by reason of the yielding of wool filling will readily adapt itself to said parts, and will also yield to different movements of the body without causing discomfort to the wearer.

Having thus described my invention, what I claim is—

In a truss the combination with the circular or oval base, the screw-stud having a screw-hole and cap-plate, a washer and a nut, and the concavo-convex rubber cup having an inwardly-extending flange secured to said base, and provided with a filling of wool, of the belt, the strip secured to the end thereof, the screw passing therethrough and engaging with the cup-plate, the disks and the bent doubled wires soldered thereto and having the ends bent into hooks, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

CHARLES COLVES.

Witnesses:

R. R. HEWITT,
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