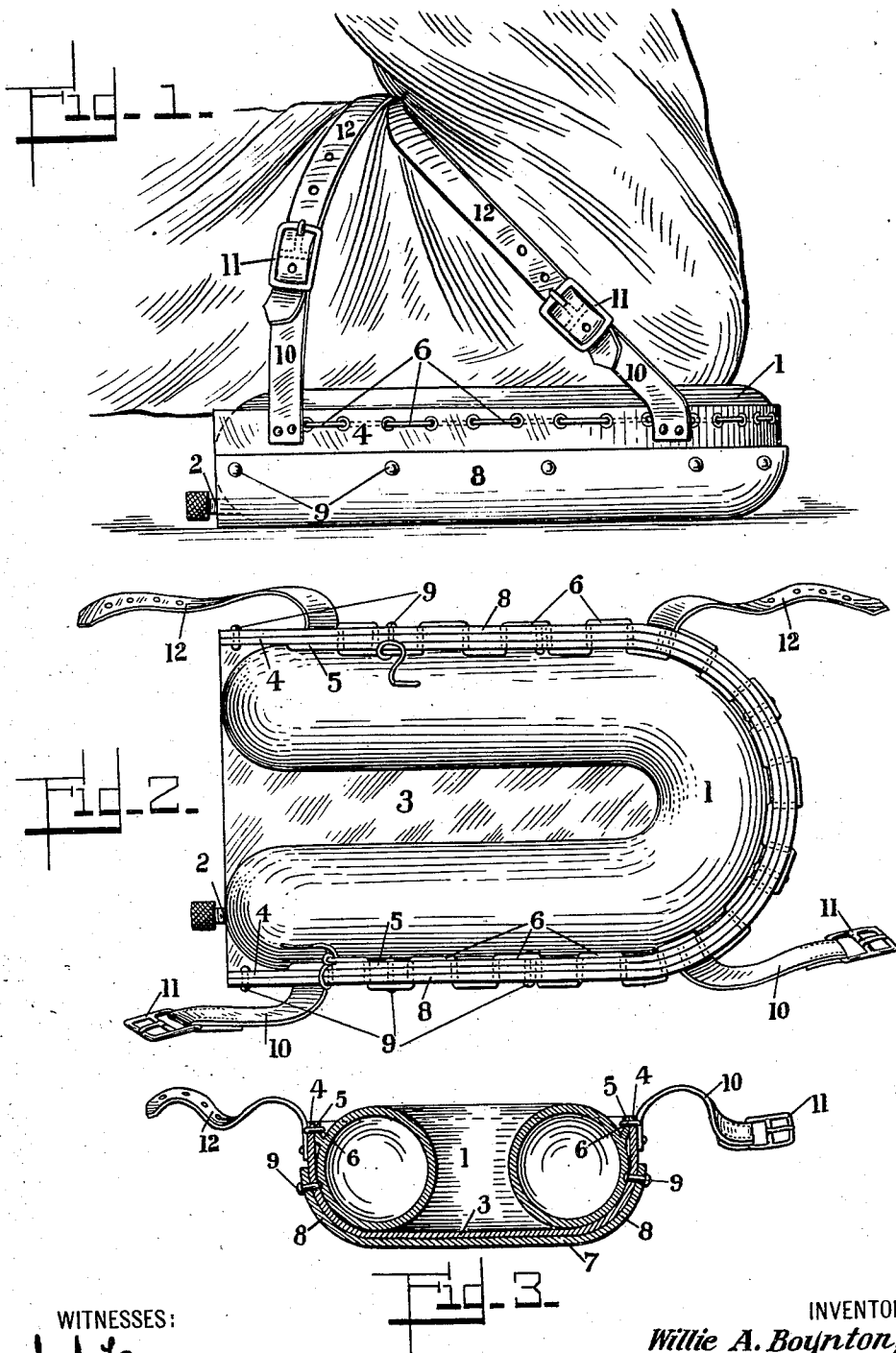


W. A. BOYNTON.
COTTON PICKER'S KNEE PAD.
APPLICATION FILED JAN. 24, 1913.

1,090,446.

Patented Mar. 17, 1914.



WITNESSES:

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WILLIE A. BOYNTON, OF NEWCASTLE, TEXAS.

COTTON-PICKER'S KNEE-PAD.

1,090,446.

Specification of Letters Patent.

Patented Mar. 17, 1914.

Application filed January 24, 1913. Serial No. 743,902.

To all whom it may concern:

Be it known that I, WILLIE A. BOYNTON, a citizen of the United States, residing at Newcastle, in the county of Young and State of Texas, have invented certain new and useful Improvements in Cotton-Pickers' Knee-Pads, of which the following is a specification.

My invention relates to knee pads and particularly to knee pads especially adapted for cotton pickers' use.

The principal object of my invention is to provide such a knee pad as will afford in a simple and practical device the maximum of comfort for the wearer.

I have illustrated an exemplification of my invention in the accompanying drawing, in which:

Figure 1 is a side elevation of the device applied to the knee of a wearer. Fig. 2 is a top plan view thereof. Fig. 3 is a transverse section thereof.

Referring more particularly to the drawings, reference character 1 designates a substantially U-shaped pneumatic tube, circular in cross section, the closed ends of which are, in this instance, rounded. The tube 1 is provided with a valve 2 in one end so that the tube may be inflated by means of the breath or a pump, as convenient. The pneumatic tube forms an ideal cushion for the knee while the weight of the body is supported thereon, and constitutes the chief feature of my invention.

I provide a base-piece 3 of leather or other material provided with an upturned edge 4 of substantially U-shape, to which the tube 1 is secured by means of a lacing 6 threaded through said edge 4 and a loose flange or flap 5 provided on the outer periphery of said tube 1 and, in this instance, integral therewith. The tube 1 is thus held in proper position.

To protect the device from wear I preferably provide a metal plate 7 provided with an upturned edge 8 of corresponding U-

shape, which is secured to the base-piece 3 by the rivets 9 or in any other suitable manner. The plate 7 contacts with the ground and takes up the normal wear, besides serving to hold the parts in more rigid correlation.

A pair of buckle straps 10 fitted with buckles 11 are attached to the edge 4 of the base piece 3 at spaced intervals on one side thereof in any suitable manner, and a pair of apertured straps 12 are similarly secured to the other side of the edge 4. The straps 10 and 12 serve to secure the device to the leg of the wearer below the knee, as illustrated in Fig. 1.

It will be noted that the device may be easily disassembled for replacement of a worn tube 1 by removing the lacing 6.

My improved pneumatic knee pad affords largely increased resilience over an ordinary stuffed pad.

The details of construction may be varied within the scope of the following claims.

I claim:

1. In a knee pad, a metal shoe having upturned marginal portions, a leather base member fitting in the shoe and having marginal portions projecting above the margin of the shoe, a pneumatic tube mounted in the base and attached thereto, and straps secured to the projecting marginal portions of the base.

2. In a knee pad, a metal shoe having upturned marginal portions, a leather base member secured in the shoe, a pneumatic tube disposed in the base, a flange projecting from the tube longitudinally thereof, means for detachably securing the flange to the base, and straps secured to the base.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIE A. BOYNTON.

Witnesses:

W. McCLATCHY,
S. R. CRAWFORD.