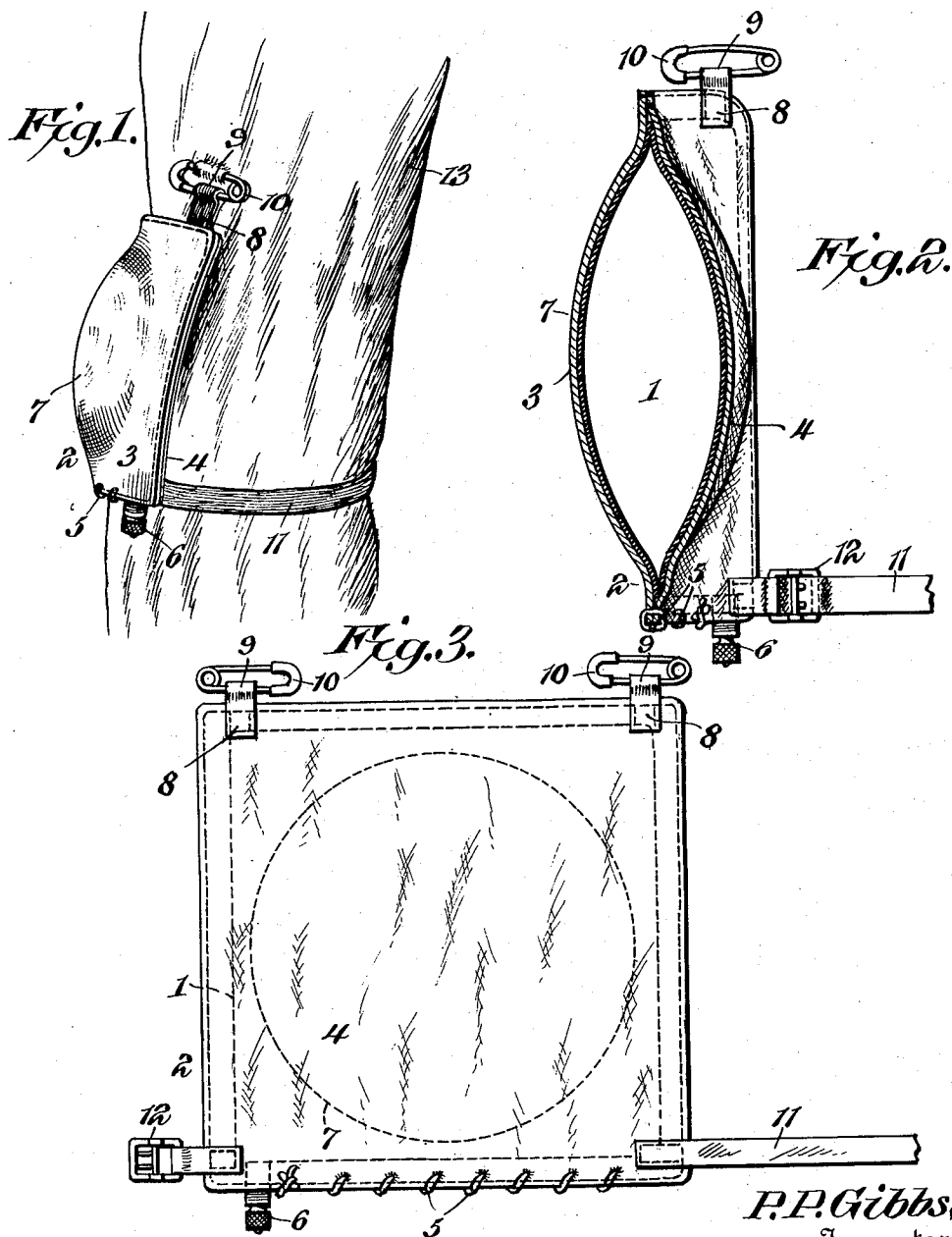


No. 891,533.

PATENTED JUNE 23, 1908.

P. P. GIBBS.
PNEUMATIC KNEE PAD.
APPLICATION FILED SEPT. 27, 1907.



P. P. Gibbs,
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Witnesses

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PAALGO P. GIBBS, OF GORDON, TEXAS.

PNEUMATIC KNEE-PAD.

No. 891,533.

Specification of Letters Patent.

Patented June 23, 1908.

Application filed September 27, 1907. Serial No. 394,879.

To all whom it may concern:

Be it known that I, PAALGO P. GIBBS, a citizen of the United States, residing at Gordon, in the county of Palo Pinto and State of Texas, have invented a new and useful Pneumatic Knee-Pad, of which the following is a specification.

The invention relates to a pneumatic knee pad for cotton pickers.

The object of the present invention is to improve the construction of knee pads, and to provide a simple, inexpensive and efficient pneumatic knee pad, adapted to be readily adjusted to the leg of the wearer, and capable of affording a soft cushion for the knee and of enabling the leg of the wearer to bend in kneeling without straining or tearing the trousers.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:—Figure 1 is a side elevation of a pneumatic knee pad, constructed in accordance with this invention and shown applied to a leg. Fig. 2 is a vertical sectional view of the knee pad. Fig. 3 is a reverse plan view.

Like numerals of reference designate corresponding parts in all the figures of the drawing.

The pneumatic knee pad is provided with an inflatable bag 1 of rubber, or other suitable material, arranged within a casing 2 composed of a stiff front 3 and a flexible back 4. The casing is rectangular, the front and back being stitched together at the top and side edges, while the lower edges are detachably secured together by lacing a cord 5, or other suitable flexible connection through perforations or eyelets. This will permit the inflatable bag to be removed when desired. The inflatable bag is provided with an exteriorly arranged valve 6 of the ordinary construction, located at the bottom of the pad, as clearly illustrated in Figs. 2 and 3 of the drawing, so as not to catch on limbs or leaves. The stiff front of the casing is

provided with a central projecting cup-shaped portion 7 of substantially concavo-convex form, designed to conform to the configuration of the knee of the wearer and adapted to form a resilient support for the knee, when the wearer is kneeling.

The pad is provided at the upper corners with upwardly elastic hanger straps 8, having upper terminal loops 9, receiving safety pins 10, which are disposed transversely of the loops and permit the latter to slide on them to afford greater freedom in adjusting the pad to the trousers leg, and to also enable the pad to have a limited lateral movement without tearing the trousers. The straps 8, however, may be constructed of non-elastic material, if desired.

The pad is provided at the bottom with a transversely disposed attaching band 11, designed to be passed around the leg of the wearer below the knee and adapted to have its free end secured to the opposite upper corner of the pad by means of a buckle 12, or other suitable fastening device. The strap or band, which is adapted to prevent the pad from flopping up, need not be buckled tight to keep the pad in place, and will not cramp the wearer. The pad is placed on the knee, as illustrated in Fig. 1, and the safety pins are secured to the trousers leg 13 above the knee, the transversely disposed strap or band 11 being passed around the leg below the knee. In bending the leg the elastic straps and safety pins will yield and move sufficiently to prevent the trousers from being torn, or otherwise injured. The spaced hangers are adapted to support the pad in proper position with relation to the knee. There is nothing to prevent the free circulation of blood, and the leg will bend easily at the knee, and the pad will be found cool and comfortable. One of the essential features of the invention is to prevent any binding of the leg, and this is avoided by fastening the pad to the apparel above the knee with the safety pins.

The valve 6 should be placed on the inner side of the leg so as not to catch on limbs.

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

A pneumatic knee pad including a casing composed of a flexible back, and a stiff front of concavo-convex form, said back and said

front being rigidly secured together at three
sides or edges, a lacing cord connecting the
said parts of the remaining side or edge, an
inflatable bag arranged within the space be-
tween the front and back, a transversely
disposed strap or band connected with the
casing and arranged to encircle the leg of
the wearer below the knee, and hanger straps
connected with the top of the casing at
opposite sides thereof and having means

for permitting a lateral movement of the said casing.

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

PAALGO P. GIBBS.

Witnesses:

R. E. SOLVARD,
L. M. GARNER.