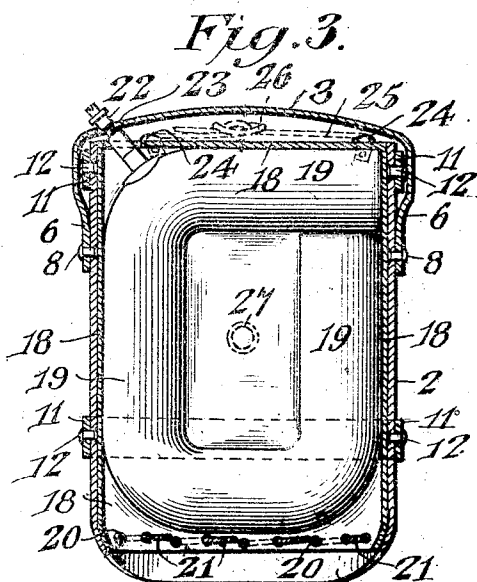
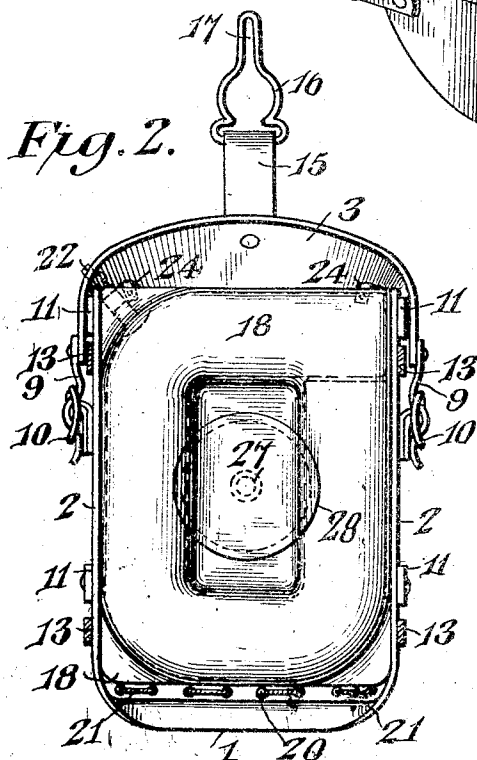
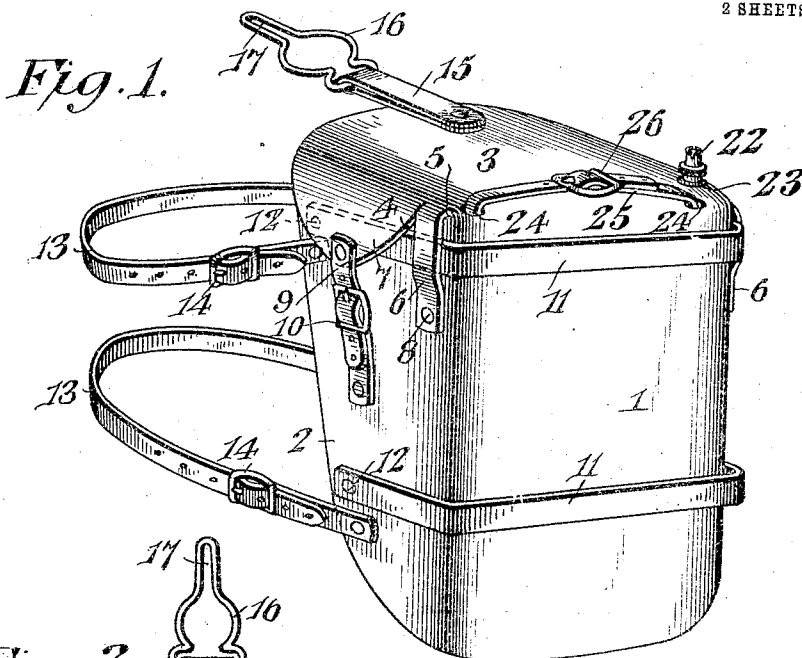


W. P. HERRON & S. G. STEVENS.
KNEE PAD FOR COTTON PICKERS, &c.
APPLICATION FILED MAY 18, 1912.

1,055,040.

Patented Mar. 4, 1913.

2 SHEETS-SHEET 1.



WITNESSES.

James M. Cathran.
H. J. Kelly

S. G. Stevens
W. P. Herron INVENTORS

BY *E. G. Ligger*

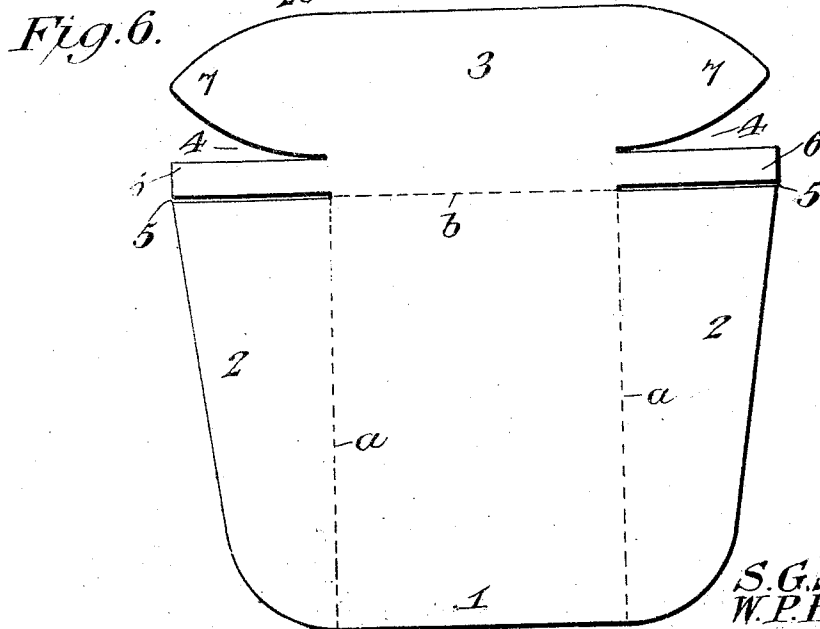
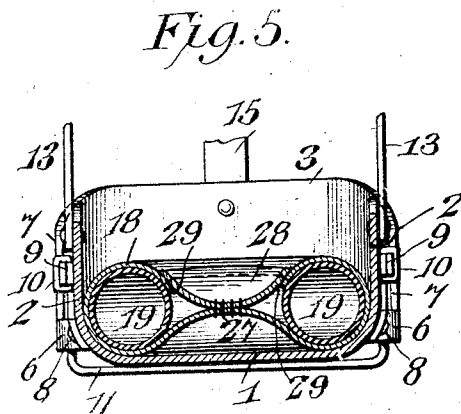
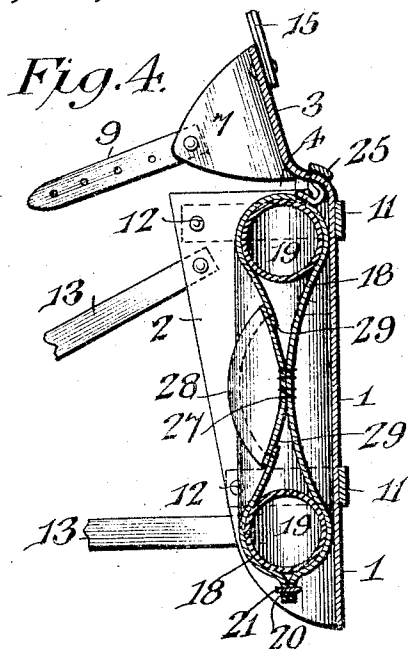
ATTORNEY.

W. P. HERRON & S. G. STEVENS.
KNEE PAD FOR COTTON PICKERS, &c.
APPLICATION FILED MAY 18, 1912

1,055,040.

Patented Mar. 4, 1913.

2 SHEETS—SHEET 2.



S. G. Stevens
W. P. Herron
INVENTORS

WITNESSES

Jas. K. McLaughlin
H. J. Wiley

E. G. Siggers

ATTORNEY

UNITED STATES PATENT OFFICE.

WILLIAM PATRICK HERRON AND STANLEY GEORGE STEVENS, OF FARMERSVILLE, TEXAS.

KNEE-PAD FOR COTTON-PICKERS, &c.

1,055,040.

Specification of Letters Patent.

Patented Mar. 4, 1913.

Application filed May 18, 1912. Serial No. 698,276.

To all whom it may concern:

Be it known that we, WILLIAM PATRICK HERRON and STANLEY GEORGE STEVENS, citizens of the United States, residing at Farmersville, in the county of Collin and State of Texas, have invented a new and useful Knee-Pad for Cotton-Pickers, &c., of which the following is a specification.

The invention relates to improvements in knee pads for cotton pickers, etc.

The object of the present invention is to improve the construction of knee pads, and to provide a simple, durable and efficient knee pad, designed for cotton pickers and others, and adapted to shield the knees of a cotton picker, or other person from injury and protect the clothing from wear.

A further object of the invention is to provide a knee pad of this character, equipped with a pneumatic cushion, adapted to present a soft cool surface to the knees, and capable of enabling a person to walk on his knees without hurting them, thereby avoiding stooping and affording maximum ease and comfort in picking cotton and other work requiring a person to kneel.

The invention also has for its object to provide a knee pad, adapted to be opened at the front to permit a person to walk easily without removing the pad, and capable of being securely closed for use to prevent dirt from entering the device.

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 drawings, 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 drawings:—Figure 1 is a perspective view of a knee pad, constructed in accordance with this invention. Fig. 2 is a rear elevation of the same, the leg straps being in section. Fig. 3 is a vertical sectional view. Fig. 4 is a central longitudinal sectional view. Fig. 5 is a transverse sectional view. Fig. 6 is a plan view of the blank from which the body of the knee pad is constructed.

Like numerals of reference designate cor-

responding parts in all the figures of the drawings.

In the accompanying drawings in which is illustrated the preferred embodiment of the invention, 1 designates a blank of heavy leather, or other flexible material, designed to be folded longitudinally and transversely on the dotted lines *a* and *b* to form side walls 2 and a front wall 3. The blank is provided with slits 4 and 5, extending inwardly from the side edges of the blank at opposite sides of the front portion thereof to the plane of the dotted lines *a* to form lower attaching strips 6 and upper flaps 7, which are preferably tapered, as clearly shown in Fig. 6 of the drawings. The attaching strips 6 and the flaps 7 are adapted to be folded inward on the outer faces of the side walls, and the said strips 6 are preferably secured by rivets 8, or other suitable fastening devices to the side walls. The flaps 7 are detachably secured to the side walls by means of straps 9 and buckles 10, or other suitable fastening devices, and they are adapted to be fastened to permit the front to swing outwardly to enable the wearer to walk with ease in an upright position without detaching the pad from the leg. The flaps are closed when the knee pad is in use in order to prevent dirt from entering the pad.

The body portion of the pad is provided with front and rear approximately U-shaped metallic pieces 11, extending across the bottom and up the side walls and arranged exteriorly of the same and secured to the said side walls by rivets 12, or other suitable fastening means. The U-shaped metallic bars or pieces are adapted to prevent the sides of the pad from bending down and straightening out when pressure is applied to the same, and the side portions of the front metallic bar or member extend between the side walls and attaching strips 6 and flaps 7 of the front wall.

The pad is secured to the leg of the wearer by means of upper and lower straps 13, constructed of leather, or other suitable material, and secured to the outer faces of the side walls of the body of the pad by rivets, or other suitable fastening means and provided with buckles 14. The front wall 3 is also equipped with a strap 15 preferably constructed of elastic webbing or other suitable material and secured at one end to the

outer face of the front wall and provided at the other end with a wire loop 16, having a contracted extension 17 adapted to grip the fabric of the trousers and overalls similar to the loop of an ordinary garment supporter. The strap of the front wall assists in supporting the pad and maintaining the same in proper position on the leg of the wearer.

The pad is equipped with an interiorly arranged casing 18 of soft flexible material, such as oil cloth, thin leather, or the like, and receiving and protecting a tubular pneumatic cushion 19. The interiorly arranged casing, which is substantially rectangular to conform to the configuration of the bottom portion of the body of the pad, is stitched at the front and side edges and is provided at the rear edges with eyelets 20, receiving a lace 21 for detachably closing the rear end of the casing to afford access to the pneumatic cushion. The tubular pneumatic cushion, which is circular in cross section, extends around the front, back and sides of the body, and it is provided at the front with a valve 22, extending through an aperture 23 in the front wall of the body near the bottom thereof. The valve is designed to be of the ordinary construction and the pneumatic cushion is adapted to be inflated with an ordinary air pump. The front wall is also provided at opposite sides below the plane of the aperture 23 and adjacent to the bottom with openings 24, through which extends a strap 25 secured to the casing at opposite sides thereof and provided with a buckle 26, or other suitable fastening means for detachably holding the flexible casing in position within the body of the pad. The top and bottom of the flexible casing are interiorly connected by stitching 27, or other suitable means, and the top wall is preferably provided with a central circular piece 28, stitched or otherwise secured at its periphery to the top wall over an opening 29 in the same and forming a central depression within the space inclosed by the inflatable cushion.

What is claimed is:--

1. A knee pad including a blank of heavy flexible material folded longitudinally and transversely to form a bottom and front and side walls and provided at opposite sides of the front portion with slits extending inwardly from the side edges of the blank and forming upper flaps and lower attaching strips located at the juncture of the front

portion and the bottom and extending longitudinally of the side walls, means for permanently securing the lower attaching strips to the side walls, separate means for detachably securing the upper flaps to the side walls to permit the front wall to be turned outwardly to enable the wearer to walk freely without removing the pad from the leg, and attaching means carried by the front wall for connecting the same to the leg of the wearer above the knee to prevent the knee pad from slipping downward when the parts are arranged for walking.

2. A knee pad including a blank of heavy flexible material folded longitudinally to form opposite side walls and transversely to provide a continuous front wall, the latter being provided at its terminals with projecting portions overlapping the side walls and secured to the same, and approximately U-shaped metallic pieces extending across the bottom of the pad and up the side walls and secured to the latter and adapted to prevent the same from bending outward and downward.

3. A knee pad including a body portion comprising a bottom, side walls and a front wall having opposite openings, and an aperture located above the said openings, a flexible casing arranged within the body and conforming to the configuration of the same and provided at the front with attaching means extending through the said openings and secured exteriorly of the front wall, and a tubular pneumatic cushion arranged within the flexible casing and provided with a valve extending through the said aperture.

4. A knee pad including a body constructed of heavy flexible material and composed of a bottom, side walls, and a front wall, a casing arranged within the body and constructed of thin flexible material, the top of the casing having a central depression and secured to the bottom of the casing, and a tubular pneumatic cushion arranged within the casing and extending around the central depressed portion of the said casing.

In testimony, that we claim the foregoing as our own, we have hereto affixed our signatures in the presence of two witnesses:

WILLIAM PATRICK HERRON.
STANLEY GEORGE STEVENS.

Witnesses:

R. L. MOULDEN,
BESS HOWARD.