Jan. 27, 1953 L. DAVIS 2,626,394

CUSHION PAD

Filed Sept. 21, 1948

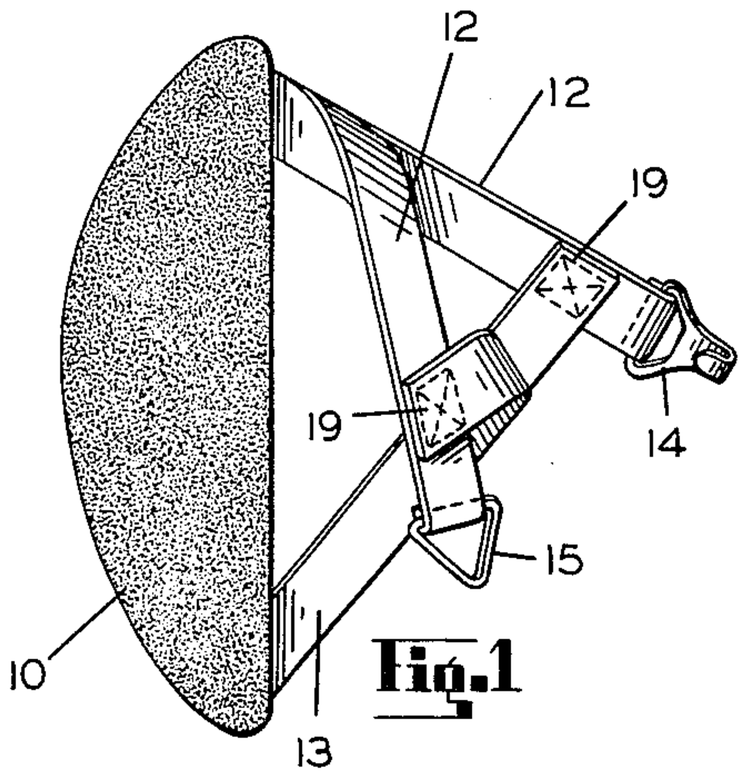

Fig. 1

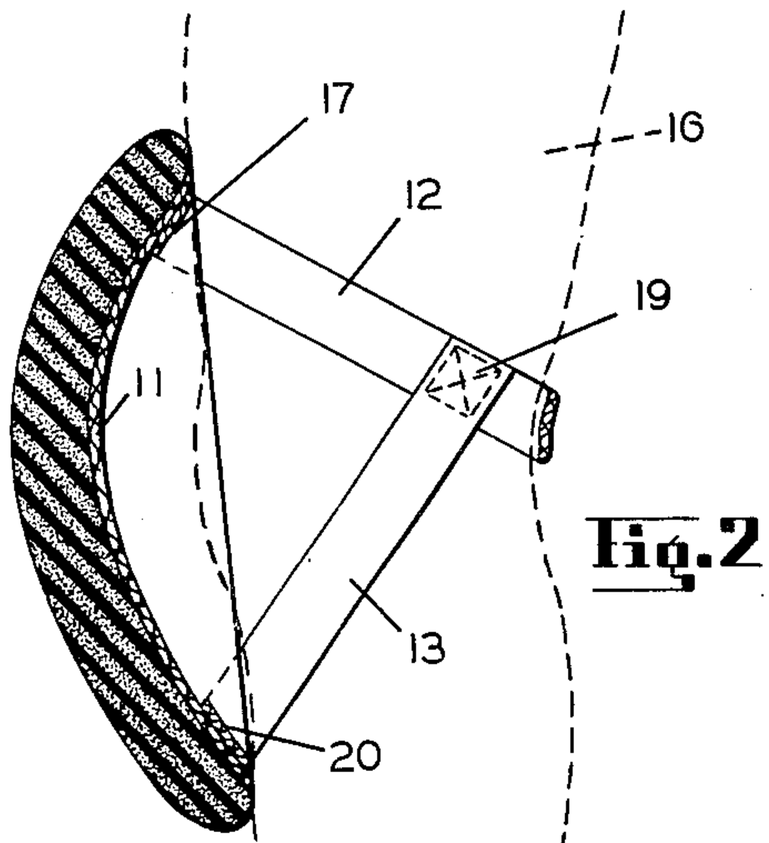

Fig. 2

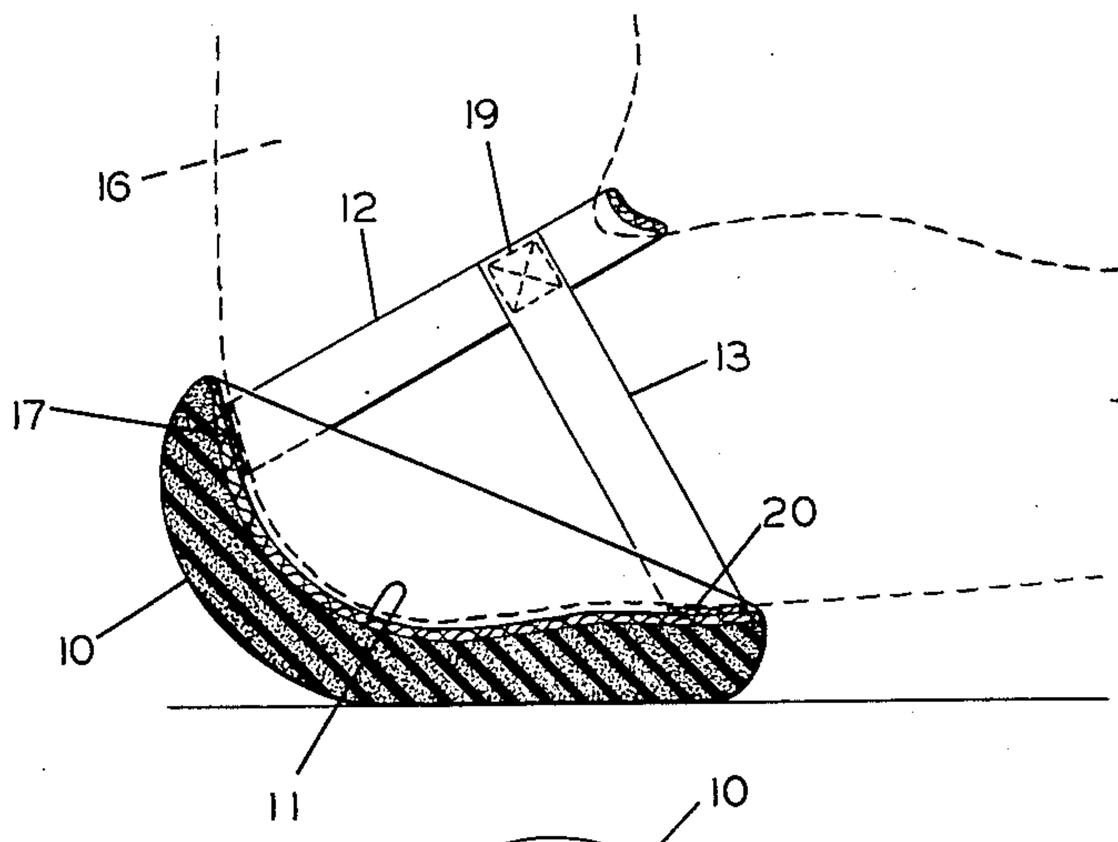

Fig. 3

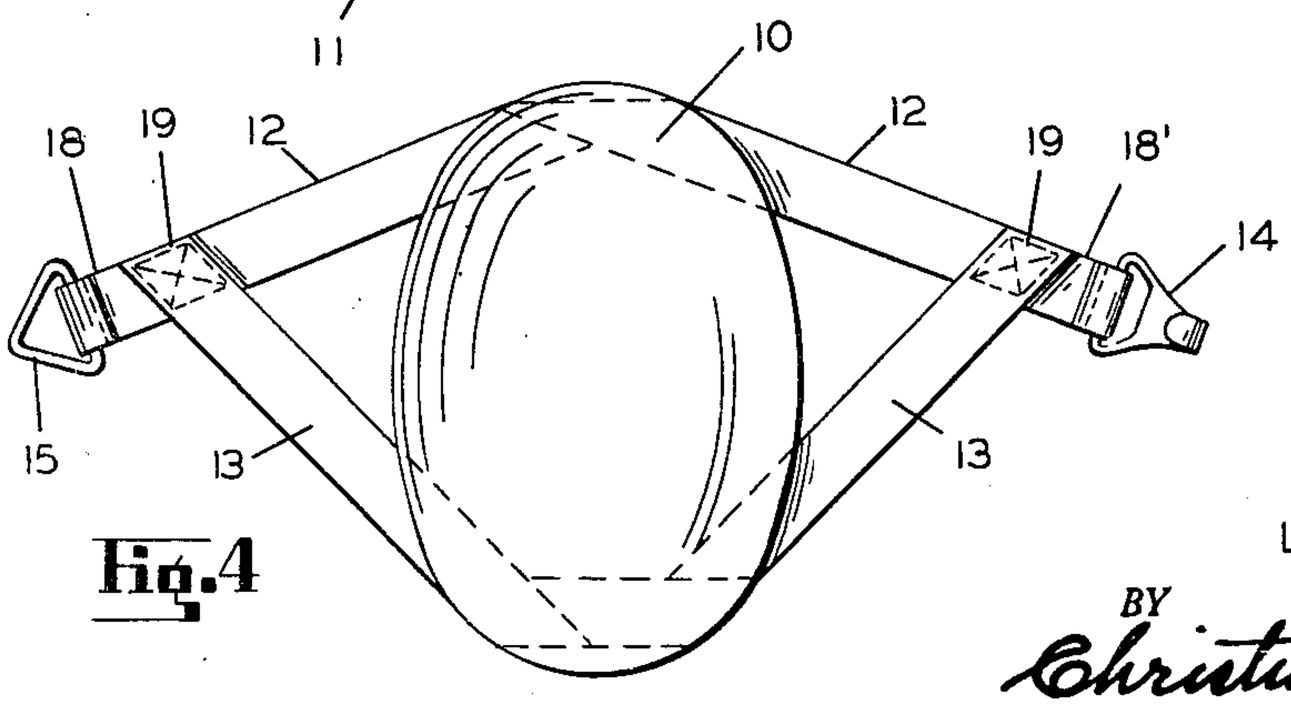

Fig. 4

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CUSHION PAD

Loraine Davis, Milwaukee, Wis.

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2 Claims. (Cl. 2—24)

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My invention relates to improvements in cushion pads and more particularly to pads that may be attached to the limbs of a user for the protection of his knees.

An object of my invention is to provide knee pads that are easily adjusted and attached to the limbs of the wearer.

Another object of my invention is to provide a device that is constructed in a manner to fit the contour of the knee when in use.

A further object of my invention is to provide a device that is rugged in construction so as to withstand the hard usage to which it is to be subject.

A still further object of my invention is to provide a device that may be easily and economically manufactured, is easily adjustable to size and serviceable for the performance for which it is intended.

It is manifest to anyone familiar with the art that it is advantageous and convenient to employ a kneeling pad when work, such as scrubbing or the like, is being done. The kneeling pad is usually moved along as needed, while with the device illustrated, claimed and specified herein, the individual pads may be attached to the limbs of the wearer in a manner to retain their position on the limb, and may be fastened to a contour to fit the knee while the wearer is in a kneeling position. The device is retained in position by means of a plurality of elastic adjustable straps provided with fastening means that allow for ease in applying and removing from the limb.

Other and further objects of my invention will become more apparent as the description proceeds and when taken in conjunction with the drawing in which:

Figure 1 is a side view of the assembled device.

Figure 2 is a cross-sectional view of the device applied to a limb shown in phantom in a vertical position.

Figure 3 is a similar view of the device showing it attached to a limb shown in phantom in a kneeling position, and

Figure 4 is a front view of the device showing the attaching straps and fastening members.

Similar characters of reference indicate corresponding parts throughout the several views, and referring now to the same, the device consists of a pad 10 which is constructed of sponge rubber and may be either formed or molded to fit the contour and shape of the knee of the wearer when in a kneeling position. The back face of the pad 10 is provided with a fabric support shown as 11 which is made of a fabric material

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of the type that would stretch both ways to allow for the fit and alteration in shape, as the knee of the wearer would demand it.

There is a top strap made of elastic material of any width. This band is shown as 12 and is attached intermediate the length thereof to the pad 10 at 17 and extends outward into two ends shown as 18 and 18'. There is a bottom band of similar elastic material shown as 13 which may be of any width and which is attached intermediate the length thereof to the lower edge of the pad and backing member as at 20, providing respective ends which are secured to the top strap or band 12 as at 19, inwardly of the ends 18 and 18'.

The end 18 of the stap 12 is shown equipped with a loop shown as 15 which may be of any contour to fit a hook shown as 14 on the end 18' of the strap 12. The limb is shown in phantom as 16 and is shown in a vertical position in Figure 2 and in a bent position in Figure 3.

Obviously the pad 10 together with the fabric support 11 is flexible and pliable and will conform with the contour of the knee of the wearer when in a kneeling position, and will give the wearer the protection for which the device is intended.

The hook 14 and eye 15 may be of any type, may be in the form of a buckle or a button if desired, the elasticity of the straps 12 and 13 will tend to keep the device in close contact with the knee of the wearer.

While I have herein shown a particular device and have limited myself to a specific structure, I am fully cognizant of the fact that many changes in the form and configuration of the component parts may be made without effecting their operativeness, and I reserve the right to make such changes as I may deem convenient without departing from the spirit of my invention or the scope of the appended claims.

Having thus described my invention, what I claim and desire to secure by Letters Patent in the United States is:

1. A pad for knee protection, comprising a pliable pad, said pad comprising an elongated member having upper and lower edges and opposite sides and formed with a concave inner face and a convex outer face, an elastic fabric backing member attached to the concave inner face of said pad, an elastic top strap secured to the backing member adjacent the upper edge of the pad, and having attachable terminal ends, said top strap having respective straps secured thereto inwardly of the terminal ends thereof, said last

named straps extending downwardly and secured to opposite edges of said backing member.

2. A pad for knee protection, comprising a pad constructed of pliable material and comprising an elongated member having upper and lower edges and opposite sides and formed with a concave inner face and convex outer face, a fabric backing member of elastic material attached to the inner face of said pad, a top strap of elastic material, said strap being attached intermediate the length thereof, to the upper peripheral edge of said pad and backing member, providing attaching straps on opposite sides of the pad, a bottom strap of elastic material attached intermediately the length thereof to said pad and backing member near the lower edge thereof, thereby providing a strap at the opposite sides of the pad, said last named straps having respective ends connected inwardly of the respective ends of said top strap, and the end of said top strap being provided with means for securing the pad to the knee of the user.

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