

W. SCHMITT.
KNEE PAD.
APPLICATION FILED SEPT. 10, 1912,

1,074,531.

Patented Sept. 30, 1913.

Fig. 1.

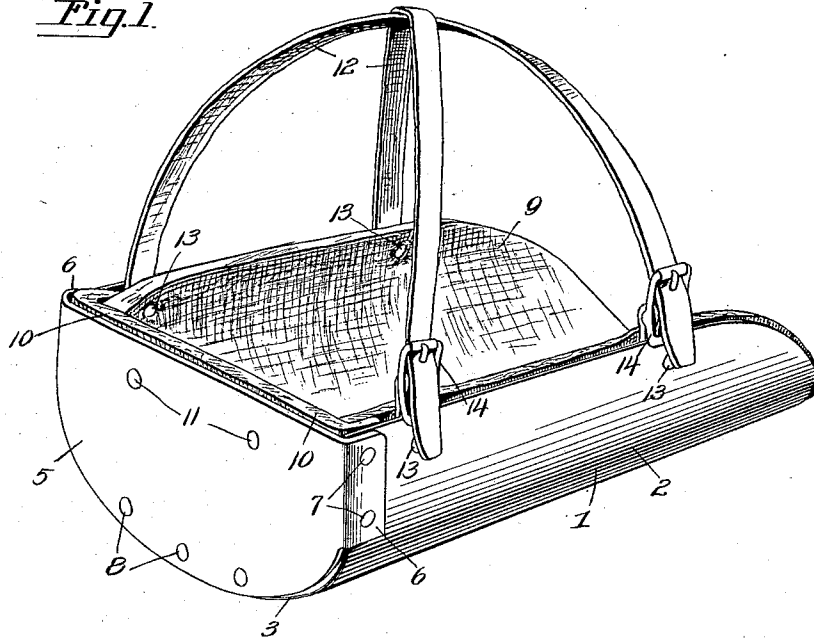


Fig. 2.

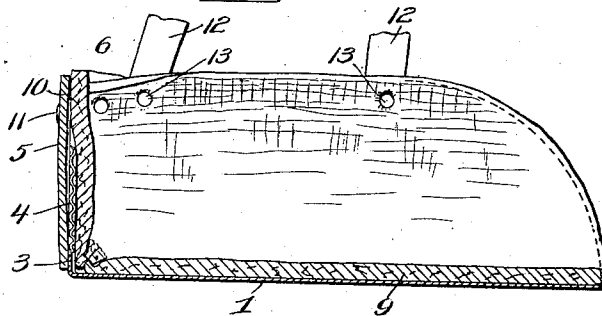
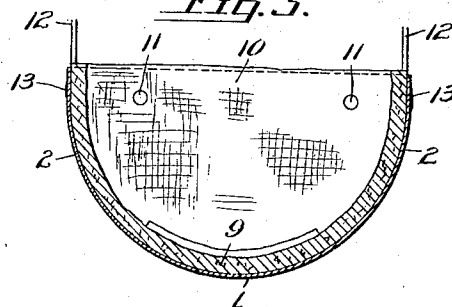


Fig. 3.



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UNITED STATES PATENT OFFICE.

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KNEE-PAD.

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To all whom it may concern:

Be it known that I, WILLIAM SCHMITT, a citizen of the United States, residing at Seguin, in the county of Gaudalupe and State of Texas, have invented new and useful Improvements in Knee-Pads, of which the following is a specification.

This invention is an improved knee pad for use by workmen, scrubbers and others, the object of the invention being to provide an improved knee pad of this class which will not get out of shape, is very strong and durable, is light, may be readily attached and detached and which may be readily manufactured at small cost.

The invention consists in the construction, combination and arrangement of the device hereinafter described and claimed.

In the accompanying drawing; Figure 1 is a perspective view of a knee pad constructed in accordance with my invention. Fig. 2 is a detail longitudinal sectional view of the same. Fig. 3 is a detail transverse sectional view of the same.

In accordance with my invention, I provide a cover 1 which is semi-tubular in form and is made of suitable sheet metal, such, for instance, as galvanized iron or steel. The said cover has its sides rounded as at 2 at the lower end. The upper end of the cover has its bottom portion provided with a flange 3 formed integrally therewith and extending inwardly, which flange is, in practice, bent from the bottom of the cover and is crimped, the crimps 4 being transverse of the said flange. This flange greatly strengthens the construction of the cover and prevents the cover from being bent out of shape by use.

The upper end of the cover is provided with a cap 5 which is preferably made of leather and is formed at its upper corners with extensions 6 which are bent around the outer sides of the upper corners of the cover and are secured thereto by rivets 7. The lower portion of the cap is secured to the flange of the cover by means of rivets 8. The lining 9 of the pad is arranged in and shaped to conform to the cover, and is preferably made of felt and also covers the in-

ner side of the cap 5 as at 10. The cap portion of the pad is secured to the cap 5 by rivets 11 and is also secured to the upper corners of the cover by rivets 6, the last named rivets serving to also secure the upper corners of the main portion of the pad in place.

Attaching straps 12 are secured between the pad and the cover near the upper edges of the same by means of rivets 13, the said rivets also serving to secure the upper edges of the main body of the pad to the sides of the cover. The attaching straps are crossed and each is provided with a buckle 14.

The cap 5 being made of leather, while very strong and durable, is also flexible and, hence, when the pad has been attached to the knee of the user by means of the crossed straps which pass around the calf of the leg, the pad while closely fitting on the knee when the user is kneeling also enables the user to stand easily in an upright position without the necessity of first removing the pad.

While I have herein shown and described a preferred form of my invention, I would have it understood that changes may be made in the form, proportion and construction of the several parts without departing from the spirit of my invention and within the scope of the appended claim.

I claim:—

A pad of the class described comprising a semi-tubular sheet metal cover having an inturned strengthening flange at and across its upper end, a flexible cap covering the upper end of the cover and secured to the strengthening flange thereof, the said cap being provided with extensions at its upper corners bent around and secured to the upper corners of the sides of the cover, a lining covering the inner sides of the cover and cap, and attaching devices connected to the cover.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM SCHMITT.

Witnesses:

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