Dec. 27, 1927. 1,654,452

H. J. BRADLEY

OVERALLS

Filed Feb. 26, 1927

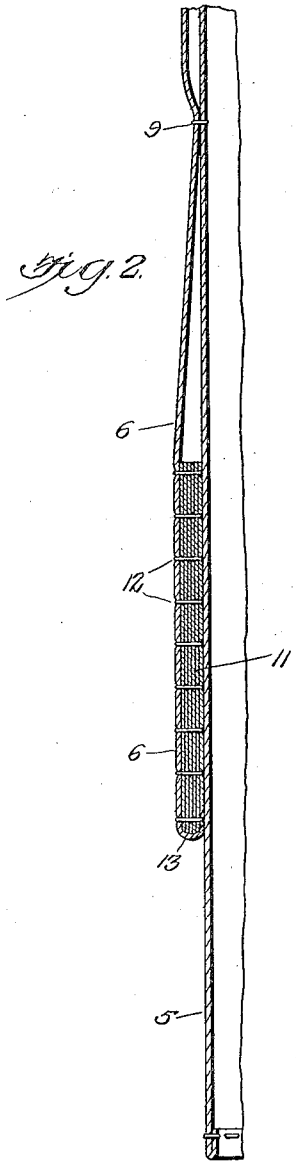


Fig. 2.

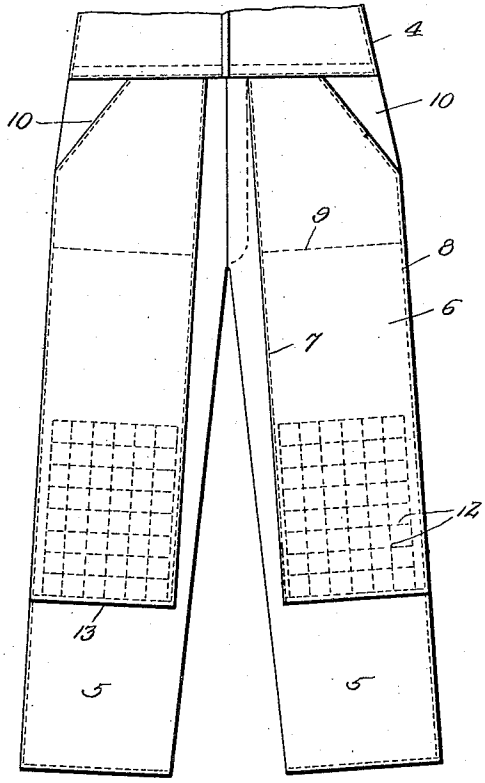


Fig. 1.

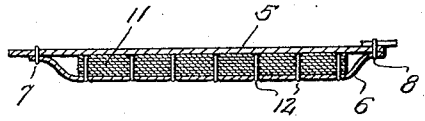


Fig. 3.

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UNITED STATES PATENT OFFICE.

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OVERALLS.

Application filed February 26, 1927. Serial No. 171,181.

The present invention relates to overalls and more particularly to the knee construction thereof.

It is well known in the art to reinforce the knee portion of overalls and like garments, and hence the present invention is designed only as an improvement to fill a special need and afford the wearer greater comfort and convenience, and likewise increase the longevity of the garment.

A particular object of the present invention is to laminate the knee portions of the overalls with water, oil and moisture-proof material, which will not unduly encumber the overalls and will positively protect the undergarments and skin of the wearer from contact with any moisture, and will also serve as an insulator against heat and cold, making the garment desirable for use by any class of artisans, laborers and the like.

Other objects and additional advantages of the invention will be apparent from the specification but it is of special importance that the lamination be flexible and durable but nonabsorbent and the degree of flexibility limited to the laminations in their entirety and not suceptible of flexure in different parts of the body of the laminations.

Fig. 1 is a front elevational view of a pair of overalls constructed in accordance with the present invention, a portion of the top part of the garment being removed;

Fig. 2 is a detail fragmentary longitudinal sectional view of an overall leg constructed in accordance with the present invention, and

Fig. 3 is a detail fragmentary transverse sectional view taken through the knee portion of a pair of overalls constructed in accordance with the present invention.

Overalls constructed in accordance with the present invention may employ the usual body portion 4 with depending legs 5 to each of which latter is attached the reinforced knee construction of the present invention.

It is the intent of the present invention to associate with the front of each leg portion of the overalls a strip or flap 6 made of the same material as the overalls. The inner marginal edge of the strip is sewed from the waist portion of the garment to a point appreciably below the knee zone of the leg 5 to said leg portion as indicated at 7. A portion of the upper outer corner of each strip is removed to permit access to be gained beneath the flap. The outer marginal edge of each strip is also secured to its leg portion, as indicated at 8, while the upper terminal is secured near the waist of the garment. At a point approximately the crotch of the garment the strip is sewed to the leg as indicated at 9, thereby providing a pocket into which access is gained at the point 10.

Interposed between the lower terminal of each strip 6 and the leg portion of the overall is a laminated pad 11 which, in the present instance, consists of relatively thin canvas sheets which may be quilted to the strip, as indicated at 12, or otherwise secured thereto. The lower end of each strip is free from the overall leg so that access may be gained beneath the pad 11, if desired.

Especial attention is directed to the fact that the lower marginal edge of each strip is extended around the lower end of the pad, as indicated at 13, and engaged with the inner face of the latter, to which it is secured by stitching. In this way it is seen that dust, moisture, etc., will be prevented from finding its way between the laminations of the pad, in addition to which the lower end of the pad is held compactly together without the possibility of same disintegrating or threads thereof projecting below the strip.

It has been found in actual use that the device of the present invention provides a knee pad for attachment to garments which affords the wearer great convenience and comfort in addition to vary materially increasing the life of the garment.

It is the essence of importance in the present invention that the pad be constructed of superimposed sheets of canvas or similar material which will flex under pressure and which is not bulky or cumbersome. The present pad, in actual use, is relatively thin, the actual thickness being approximately one-eighth of an inch. This pad, notwithstanding the fact that it is relatively thin, will prevent the seepage of moisture therethrough and will serve to insulate the body of the wearer from heat and cold, this being desirable by various artisans, some of whom are compelled to work while in a kneeling posture on a cold surface and others in a similar posture on a hot surface.

While I have described the present preferred form of the invention and some of its uses, it is, nevertheless, to be understood that the device of the present invention may be used in other capacities and changes may be

made therein within the scope of the claim hereto appended.

What I claim is:

Overalls including leg portions, each of which is equipped with a superposed strip, the upper portion of each of said strips being secured to the overalls to provide a pocket, a pad interposed between the lower portion of each strip and the leg of the overalls comprising a series of superimposed canvas sheets secured to the strip, the lower end of the latter being reversely folded around and secured to the lower end of the pad.

In testimony whereof I affix my signature.

HARRY J. BRADLEY.