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O. K. STEIN

1,494,142

TROUSERS CREASE PRESERVER AND KNEE PROTECTOR

Filed June 9, 1923

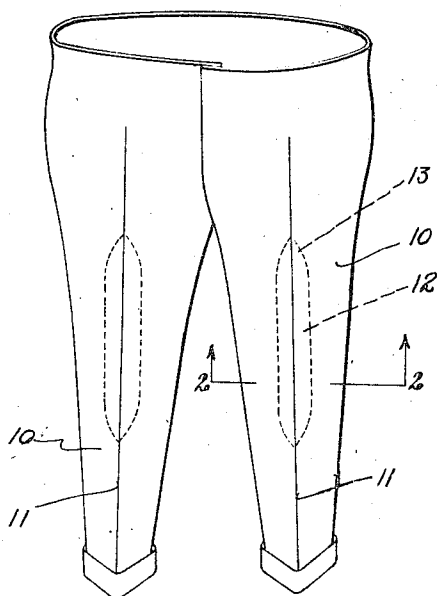


FIG. 1

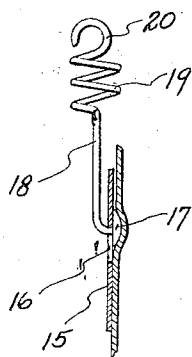


FIG. 4

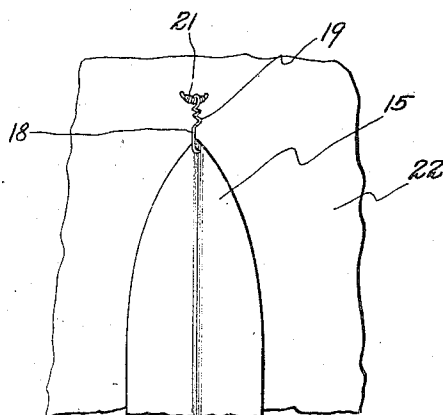
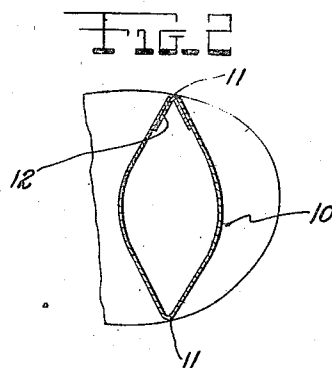
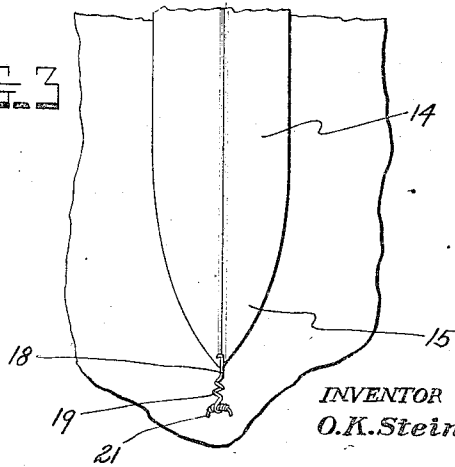


FIG. 3



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TROUSERS CREASE PRESERVER AND KNEE PROTECTOR.

Application filed June 9, 1923. Serial No. 644,294.

To all whom it may concern:

Be it known that I, OTTO KURT STEIN, a citizen of Germany, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Trousers Crease Preservers and Knee Protectors, of which the following is a specification.

The main object of the invention is to provide a crease preserver and knee protector for articles of apparel such as trousers.

Another object is to provide an article as mentioned which may be readily removed from the trousers.

These and other objects will become apparent in the description below, in which characters of reference refer to like-named parts in the drawing.

Referring briefly to the drawing, Figure 1 is an elevational view of a pair of trousers, showing the location of my device.

Figure 2 is a cross sectional view thru one of the trousers' legs and is taken on line 2—2 of Figure 1.

Figure 3 is an enlarged elevational view of the modified type of device.

Figure 4 is an elevational view of the tension means used with the modified type of device.

Referring in detail to the drawing, the numeral 10 indicates the legs of a pair of trousers, and the numeral 11 the creases formed in the fabric at the front and rear of the legs. The creases are normally formed in the trousers by sad ironing, and when in use for a short time they become baggy at the knees, owing to the wearer's remaining in sitting posture for prolonged periods of time. In order to retain the crease permanently at the knees, I mount longitudinal strips 12 on the inner surface of the trousers' legs, and said strips are pointed as indicated by the numeral 13. Figure 1 illustrates the position taken by the strips which extend parallel to the crease and are preferably composed of some gelatinous compound which, when heated, will readily adhere to the cloth fabric of the trousers. After the strip has been positioned within the leg, the trousers may be pressed and the crease formed. The pressing consequently bends the strip intermediate of its width, and the strip, being flexible, will readily yield to the movement of the knee

when the wearer assumes the sitting posture and will immediately return to its original creased position when standing position is resumed.

In the modified type of device, it is not necessary that the strips adhere to the trousers' fabric, the strips being mounted in such manner that they may be at any time conveniently removed. In using the modified type, the trousers may first be pressed and the strips mounted in place thereafter. These strips, indicated by the numeral 14, are composed of a flexible, resilient material which is bent angularly before being attached to the trousers. At the pointed ends 15 holes 16 are formed through which relatively flat and rounded heads 17 are passed. The heads 17 project from stems 18 and have their upper ends formed into a plurality of coils 19, the upper coil of each member being formed into a hook 20. Eyes 21 are sewn to the interior surface of the trousers' fabric 22 and are spaced somewhat from the tips of the strips 14. When using the modified type of strip, the eyes 21 must first be sewn to the inner surface of the fabric. The hooks 20 are then inserted over the eyes, and the heads 17 at the lower end of the stems 18 are inserted into the holes 16 at the respective ends of the strip. The coils 19 on the stems 18 impart resiliency to said stems and retain the strips rigidly within the crease of the trousers at the knee portion thereof, without showing from the outside.

I claim:—

In combination with trousers, a crease preserver and knee protector comprising a longitudinal flexible strip pointed at its ends and folded longitudinally intermediate its width, said strip being of such length as to cover the knee portion of the trousers, strip attaching means comprising a resilient coil, a hook on said coil adapted to engage the trousers' fabric, a stem extending from the coil, an angular extension on said stem having a flat head thereon, said strips having openings at their ends in order to permit insertion of the heads of said stems, said stems being adapted to permit removal of the knee protector and crease preserver from the trousers.

In testimony whereof I affix my signature.

OTTO KURT STEIN.