

(No Model.)

O. JONACH.
TROUSERS PROTECTOR.

No. 465,765.

Patented Dec. 22, 1891.

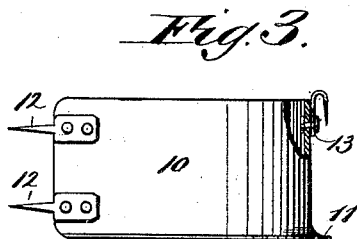
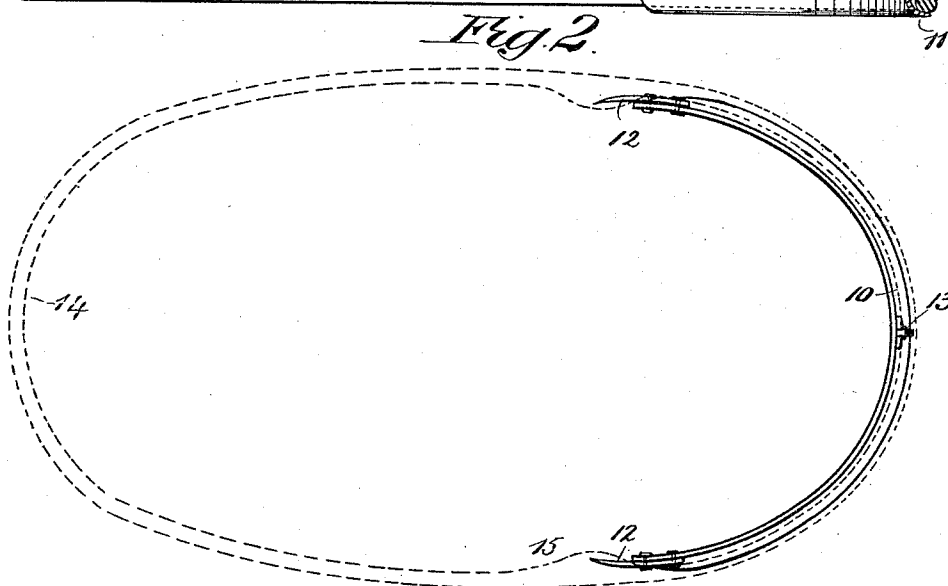
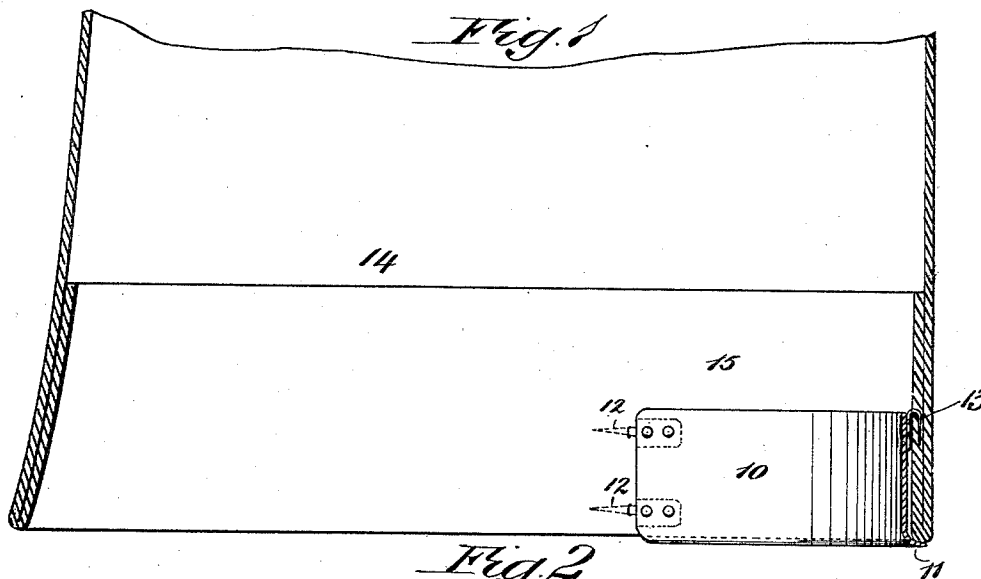
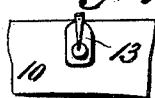


Fig. 4



WITNESSES:

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OSCAR JONACH, OF NEW YORK, N. Y.

TROUSERS-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 465,765, dated December 22, 1891.

Application filed April 14, 1891. Serial No. 388,841. (No model.)

To all whom it may concern:

Be it known that I, OSCAR JONACH, of New York city, in the county and State of New York, have invented a new and useful Improvement in Pantaloon-Protectors, of which the following is a full, clear, and exact description.

The invention is an improvement in the class of sheet-metal shields or protectors for the lower edges of pantaloons; and it consists in the construction whereby it is adapted to be conveniently and expeditiously applied to the garment or removed from it when desired.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a vertical section through a leg of a pair of pantaloons and through the device illustrating the application of the protector. Fig. 2 is a bottom plan view of the device. Fig. 3 is a side elevation, partly in section; and Fig. 4 is a view of a portion of the central part of the device.

The body of the protector consists of a shield 10, semicircular in general contour and provided at its lower edge with an outwardly-extending flange 11, which flange is preferably slightly curved upward. The shield constituting the body may be of any suitable or approved material, such as sheet metal, hard rubber, celluloid, zylonite, or the equivalents thereof. At each end of the shield, preferably upon its outer face, horizontal needles 12 are rigidly secured, the said needles being preferably provided with an attached plate, and the connection between the needles and the shield is usually effected by riveting the plates to the shield, as illustrated in Fig. 3. The needles 12 are preferably slightly curved inward, as illustrated in Fig. 2, to follow the curve of the body. Upon the outer face of the body-shield, at the center thereof near the top, a hook 13 is pivoted, which hook is normally bent downward, as shown in Figs. 3 and 4.

When it is desired to attach the device to a leg 14 of a pair of pantaloons, the hook 13 is made to enter the inner surface of the hem portion 15 of the pantaloons, as shown in Fig. 1, the hook being so attached to the hem that the flange 11 of the shield will be immediately below and serve to protect the bottom edge of the pantaloons-leg. After the hook has been thus secured the cloth of the

pantaloons-leg at the hem is drawn in the direction of one set of needles and the needles are made to enter said hem, whereupon, as tension is exerted upon the cloth while being drawn, when the cloth is released it will slip backward and entirely cover the needles. The cloth is then drawn in the direction of the needles at the opposite end of the shield or protector, and the latter needles are made to enter the hem in like manner to those first mentioned.

By pivoting the hook 13 to the body or shield of the protector it not only serves to hold the protector in place while the ends thereof are being attached to the pantaloons-leg, but when the cloth is drawn around the body of the shield the hook turns and permits the cloth to be drawn from the opposite end of the shield, the said shield being held at its ends by the operator while attaching it to the cloth. If the hook 13 were rigidly attached to the shield, tension could be brought to bear upon the cloth only from the hook to the ends of the protector, and the elasticity of the cloth would be materially interfered with.

When the device is attached to a leg of a pair of pantaloons, none of the attaching devices are visible from the exterior and the cloth fits snugly to the shield. The inner face of the garment at the back is thus protected from wear, likewise the bottom, and the bottom and inner face are also prevented from becoming soiled by mud, &c.

When the device is not required, it may be quickly and conveniently removed, and it is obvious that it may be as quickly and conveniently applied, and that when applied the garment is in no manner injured thereby.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A protector for the legs of pantaloons, consisting of a semicircular shield-like body provided with an outwardly-extending flange at its lower edge, needles secured rigidly to the ends of the shield and extending beyond its end surfaces, and a hook pivotally attached to the shield near the center thereof, as and for the purpose specified.

OSCAR JONACH.

Witnesses:

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