

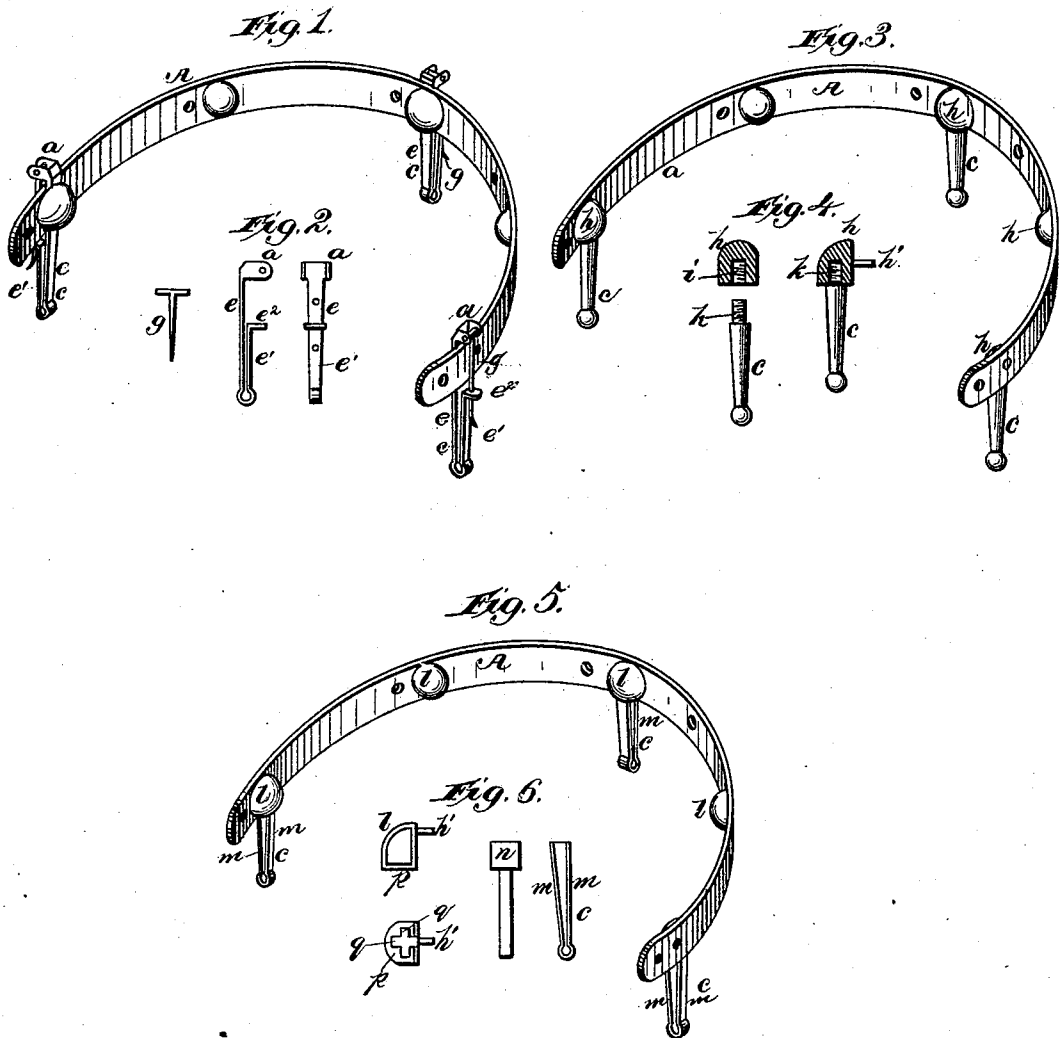
(No Model.)

A. LIGABUE.

PANTALON GUARD OR PROTECTOR.

No. 251,257.

Patented Dec. 20, 1881.



Witnesses.

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# UNITED STATES PATENT OFFICE.

AUGUSTIN LIGABUE, OF PARIS, FRANCE.

## PANTALOOON GUARD OR PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 251,257, dated December 20, 1881.

Application filed February 23, 1881. (No model.) Patented in France February 19, 1879.

To all whom it may concern:

Be it known that I, AUGUSTIN LIGABUE, of the city of Paris, in the Republic of France, tailor, have invented an Apparatus for Keeping the Trouser-Legs Clean, of which the following is a specification.

My invention relates to pantaloon-protecting guards which are employed for preventing the bottom edges of the legs from coming in contact with the ground.

My invention consists in combining with a flexible band of steel or other suitable material a series of independent vertical fingers or supports, which, when the band is secured to the leg, extend below the bottom edge of the latter, and thereby prevent the same from coming in contact with the ground. These supports or fingers are detachably connected with the flexible band in various ways, as hereinafter described.

In the drawings, Figure 1 is a perspective view of the flexible band with a series of supports or fingers detachably connected therewith. Fig. 2 shows the various parts of these supports detached. Fig. 3 illustrates a modification, and Fig. 4 the supports and means for connecting the same with the flexible band detached. Fig. 5 illustrates another modification, and Fig. 6 the supports and the means of attaching the same to the band detached.

A indicates a flexible band of steel or other suitable material, the said band being curved, as shown in the several figures of the drawings, in order to adapt it to fit against the inner side of a trouser-leg and preserve the usual form of the same. This flexible band can be secured to the inside of the leg in a variety of ways—as, for instance, by means of pins or by providing it with perforations, so that it can be stitched onto the leg. The band is provided at intervals with vertical fingers or supports, which will extend slightly below the bottom edge of the leg in order to prevent the latter from coming in contact with the ground. In Fig. 1 these supports *c* consist of a plate, *e*, which is secured in any suitable way to the flexible band and bent upon itself to form the short arm *e'*, the upper end of the portion of the plate which is secured to the band being formed with lugs *a*, in which is journaled the

arm *e'* of said plate being formed with a notched lip, *e''*, for receiving the pin after the latter has been passed through the material of the trouser-leg. By means of these pins, therefore, the flexible band will be secured to the leg, and when desired it can be readily detached therefrom, or adjusted so as to cause the supports to extend to a greater or less distance below the bottom edge of the leg.

In Fig. 3 a series of hemispherical buttons, *h*, are secured to the inner side of the flexible band, and each provided with a screw-threaded socket, *i*, Fig. 4, in which the screw-threaded shank *k* of the support *c* can be secured. These buttons have each a shank, *h'*, for securing the same to the flexible band.

In the modification shown in Figs. 5 and 6 the band is provided with a series of hollow hemispherical buttons, *l*, with which the supports or fingers *c* are detachably connected, as follows: Each support consists of a spring-plate bent to form the two spring-arms *m m*, the upper end of one or both of which has a rectangular-shaped plate, *n*. The button has a bottom plate, *p*, formed with two slots, *q q*, intersecting each other at right angles. To connect the support with this button, the spring-arms *m* are pressed together and the plates thereon passed through one of the slots *q* into the hollow button, after which, by releasing the pressure on said arms, they will spring apart and pass into the slot, which is at right angles to the slot through which the plates *n* have been thus passed, thereby holding the support in connection with the button.

What I claim is—

As an improved article of manufacture, the herein-described guard for preventing the trouser-leg from touching the ground, consisting in a semi-flexible semicircular band adapted to be secured to the inner side of the leg near its bottom, and provided with a series of independent vertical fingers extending down from said band to such extent that when the band is applied the lower ends of the fingers will extend down below the leg, as specified.

A. LIGABUE.

Witnesses:

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