(No Model.)

J. H. COLLISTER.

PANTS GUARD.

No. 523,463. Patented July 24, 1894.

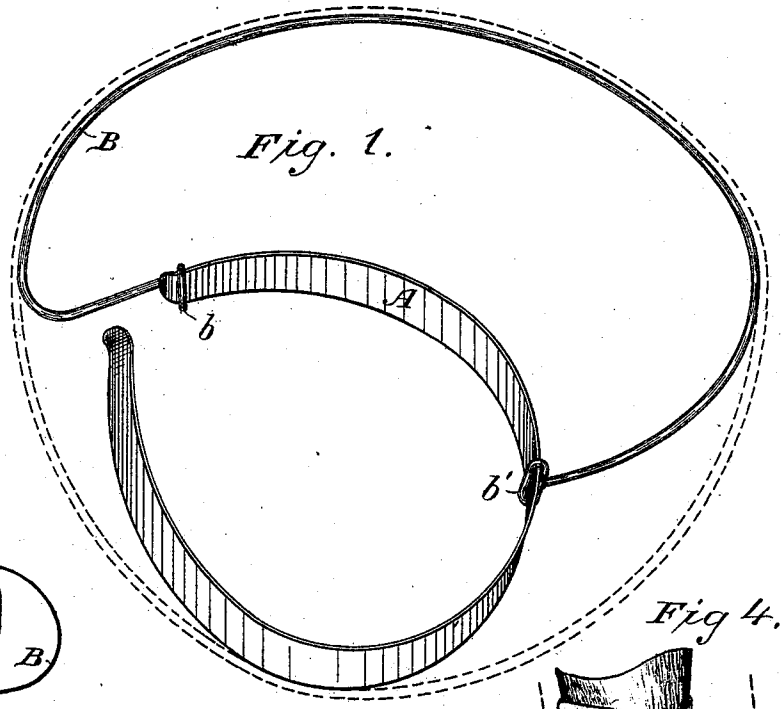


Fig. 1.

Fig. 3.

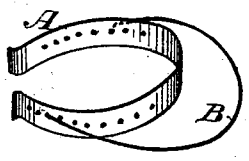
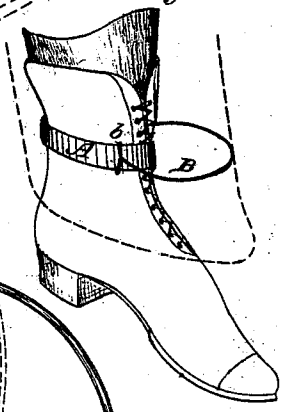


Fig 4.



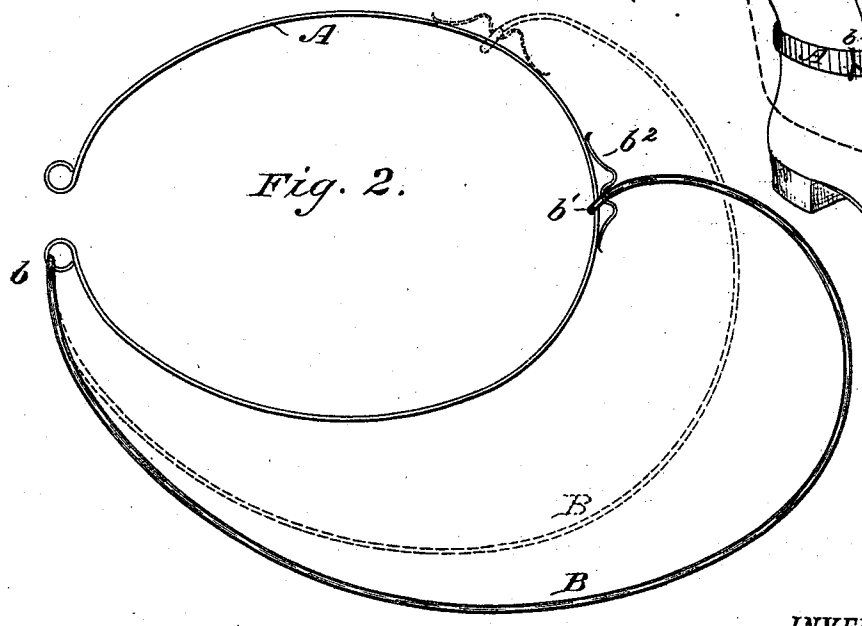


Fig. 2.

WITNESSES.

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UNITED STATES PATENT OFFICE.

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PANTS-GUARD.

SPECIFICATION forming part of Letters Patent No. 523,463, dated July 24, 1894.

Application filed November 28, 1892. Serial No. 453,332. (No model.)

To all whom it may concern:

Be it known that I, JOHN HENRY COLLISTER, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Trousers-Guards, of which the following is a specification, that will enable those skilled in the art to which my invention pertains to make and use the same.

My invention relates to trousers guards and is particularly adapted to protect the bottoms of pants from wear or abrasion on the inner sides between the feet.

It consists of a band or clasp to embrace the ankle or lower part of the leg to which is attached a ring or guard of much larger area than the band or clasp, the attachment of the guard to the band being of such a nature that the area of the space within the guard may be increased or diminished to suit the wearer.

The accompanying drawings show my invention in the best form now known to me but many obvious changes might be made in the details within the skill of a good mechanic without departing from the spirit of my invention as set forth in the claims at the end of this specification.

Figure 1, shows one form of my invention. The band A is preferably composed of spring metal that will fit around the leg of the wearer and adjust itself to the proper size. The guard B, is composed of spring wire and is attached to the band by closely fitting loops b, b', which may be slipped along the band to adjust the position of the guard or to vary the area inclosed by it as clearly shown by the full and dotted lines in Fig. 2. These loops should snugly fit the band so that while they may be forced along they will not slip accidentally and they are further locked in position by the spring of the wire guard B, which pinches or cramps them on the band. The dotted lines in Fig. 1 represent the trousers and show how the bottom of the leg is expanded at one side, preferably the outside of the leg, that point where the dotted line touches the band being at the inside of the leg.

In Fig. 2, I show a modification of my device; the loop B, being attached to the band and not adjustable thereon, while the loop b', is provided with a spring b^2, which bears against the band to produce greater friction and prevent the loop from slipping from any point to which it may have been adjusted.

Fig. 3, represents another modification of the means of attaching the guard to the band. In this the band is provided with a series of holes in a manner that will be readily understood.

Fig. 4, shows the application of my device at the lower end of a man's leg.

My invention is useful for pedestrians as it holds the pants snugly to the ankles on the inner side and prevents the wear which comes from the constant striking of one trousers leg against the other, which occurs with many people who walk "close," but it is particularly adapted to the use of bicycle riders to whom loose trousers are a nuisance owing to the fact that they come in contact with the crank and other parts of the machine that are liable to be greasy or soiled, and to the further fact that loose bottoms are frequently drawn into entanglement with the sprocket wheel and driving chain with disastrous results to the pants. Numerous devices to prevent this have been placed upon the market, the most successful of which, consists of spring bands or garters within the embrace of which, the pants, gathered in close folds about the ankles, are clasped. This prevents the entanglement of the pants with any part of the machine but it is unsightly and spoils the shapes of the pants bottom by holding them pressed in close folds for a considerable period of time.

My guards prevent entanglement of the pants with the machinery and does not spoil the shape of the garment and as they hold the pants in a position that is natural and sightly, need not be removed when the rider dismounts from his machine.

The band A, which clasps the ankle, may be made of spring metal as heretofore stated but it might be a strap or elastic garter if preferred.

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

1. A trousers guard consisting of a clasp or

garter to embrace the leg and provided with an adjustable ring or guard which expands the pants and holds them away from the leg, substantially, as set forth.

2. A trousers guard consisting of a clasp or garter to embrace the leg and provided with a guard which expands the pants, said guard being adjustably connected at its ends to the clasp or garter, substantially as and for the purpose hereinbefore set forth.

3. A trousers guard consisting of a clasp or garter having attached to it a ring or guard with means for adjusting the size of the ring or guard, substantially as hereinbefore set forth.

In testimony whereof I affix my signature, in the presence of two witnesses, at Cleveland, Ohio, November 22, 1892.

JOHN H. COLLISTER.

Witnesses:
CORNELIA A. SKINKLE,
JAMES WADE.