

T. C. YOUNG.  
TROUSERS PROTECTOR.  
APPLICATION FILED SEPT. 16, 1907.

1,005,401.

Patented Oct. 10, 1911.

*Fig. 1.*

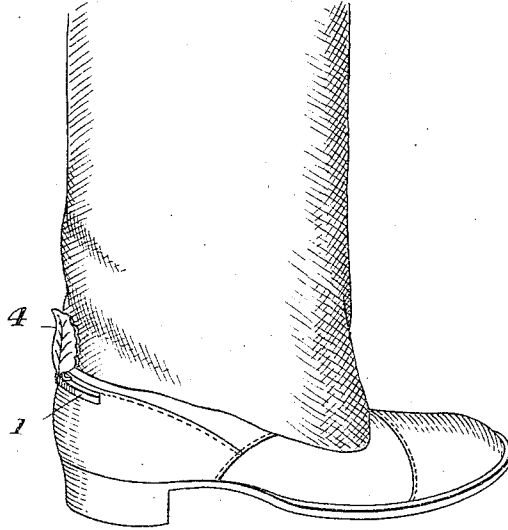


*Fig. 2.*

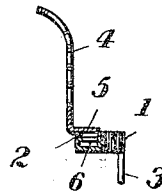
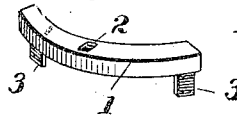
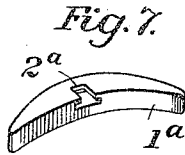
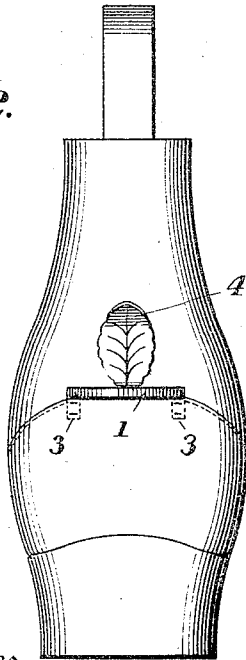
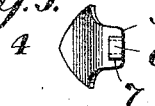


*Fig. 5.*



Witnesses

*J. J. McCarthy*

Inventor

*Thomas C. Young*  
By *Frederic, Freeman, Watson & Co.*  
Attorneys

# UNITED STATES PATENT OFFICE.

THOMAS C. YOUNG, OF FURNESSVILLE, INDIANA.

## TROUSERS-PROTECTOR.

1,005,401.

Specification of Letters Patent.

Patented Oct. 10, 1911.

Application filed September 16, 1907. Serial No. 393,016.

To all whom it may concern:

Be it known that I, THOMAS C. YOUNG, a citizen of the United States, and resident of Furnessville, county of Porter, State of Indiana, have invented certain new and useful Improvements in Trousers-Protectors, of which the following is a specification.

This invention relates to an attachment for boots and shoes intended to support the bottom part of the trousers above the heel of the shoes to prevent the trousers from becoming muddy and dirty by contact with the ground. One of its objects is to produce a device which is detachable and which may be thus used or not, as desired, and which may be attached to any ordinary shoe.

In the accompanying drawing: Figure 1 is a perspective view of a shoe having one form of my attachment applied thereto; Fig. 2 is a rear elevation of Fig. 1; Figs. 3, 4 and 5 are detail perspective views of parts of one form of the attachment; Fig. 6 is a cross section of the parts of this form of my attachment when locked together; and Fig. 7 is a perspective view of a part of my attachment made solid instead of hollow.

My attachment is made up of two main parts, the first of which consists of a small curved portion adapted to fit around the heel portion of the shoe, and preferably made of solid metal, but which may be made hollow or of any suitable material. This curved portion may be formed with the shoe when it is made and thus permanently secured to it, but preferably it is made separate so that it may be secured by stitches or otherwise to any ordinary shoe. The second main part consists of an upright projection or flange which may be made of ornamental shape, and which is adapted to be detachably secured to the first portion above mentioned. This upright projection or flange is adapted to stand a short distance from the surface of the shoe, so as to receive between it and the shoe the lower edge of the trousers.

In its broader aspect, my invention is not limited to the specific means by which the two main parts are detachably secured together, since any suitable means may be used which is within the knowledge of a mechanic skilled in the art. I have however shown in the drawing several improved forms of connections.

In the form shown in Figs. 1 to 6, the

curved bar 1 is made of hollow metal provided in the central portion of its top with an opening 2 wider across the bar than lengthwise thereof. This bar is also provided with depending ears 3 at its inner side, which ears preferably have holes there-through for the purpose of attaching the bar to a shoe by stitches or otherwise. This bar 1 is adapted to receive a detachable portion made up of the upright flange 4 having an inturned lower end 5 which lower end 5 has thereon a lug 6 which is undercut at 7 next to the inturned portion, leaving a flange 8 beneath it. This lug 6 conforms in outline to the shape of the hole 2 in the bar 1, and the two parts may be secured together by inserting the lug in the hole when the flange 4 is at right angles to the bar 1, and the parts may be locked together by simply turning the flange 4 until it is parallel to the bar, thus bringing the flange 8 into engagement with the under-surface of the top wall of the bar 1. It will be clear that the part having the flange 4 may be attached to the bar 1 or removed therefrom while that bar is secured to the shoe and thus the wearer of the shoe may use the trousers support or not as he pleases. The bar 1 is so small and inconspicuous that it is not in the way when the support for the trousers is not in use.

In Fig. 7 I have shown a form of the device in which the curved bar to be attached to the shoe, indicated in this figure by 1<sup>a</sup>, is made of solid material instead of hollow. In this instance the upper surface is provided with an opening 2<sup>a</sup> which is of the same general character as the opening 2 in Fig. 4, but which opening extends clear through to the inner wall of the bar for the purpose of ease in manufacture. When this bar is in place on the shoe, the shoe itself closes the inner end of this opening, and thus prevents the other portion of the attachment from slipping out of the opening.

Variations may be made in the form and proportion of the parts of my device and in the specific connecting means, without departing from my invention.

Without limiting myself to the precise construction and arrangements of parts shown, what is claimed is:

1. The combination with a shoe, of a narrow rigid curved attachment secured to the

vamp around the heel below the stitches, the said attachment being provided with a rectangular socket in its top provided with marginal inwardly projecting flanges, and a tongue-shaped attachment having its bottom so shaped as to removably fit in said socket and to interlock with said flanges when turned ninety degrees, whereby said tongue-shaped attachment extends upwardly in close proximity to the shoe.

2. An attachment of the class described comprising a rigid portion adapted to be sewed to the back part of a shoe upper and being provided with a socket having an opening in the top of said portion, and a second portion having a projection with an enlarged end adapted to enter said socket and to turn therein to detachably secure the parts together, the said second portion having an upwardly extending part adapted to

stand a short distance from the surface of the shoe.

3. An attachment of the class described, comprising a rigid curved portion adapted to be secured to the back part of a shoe upper and being provided in its top with an undercut socket longer in one direction than in the other, and a second portion having a projection having a marginal flange adapted to enter said socket and interlock therewith when turned, the said second portion having an upwardly extending part adapted to stand a short distance from the surface of the shoe.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS C. YOUNG.

Witnesses;

JOHN J. WALSH,

HERMAN C. TREUNER.