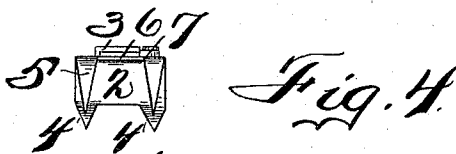
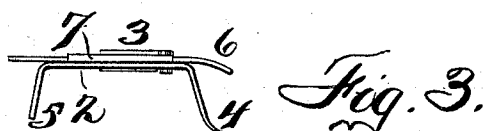
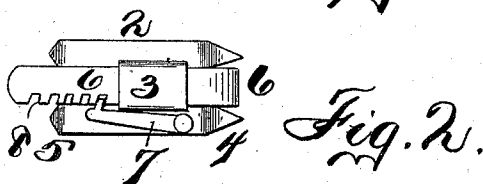
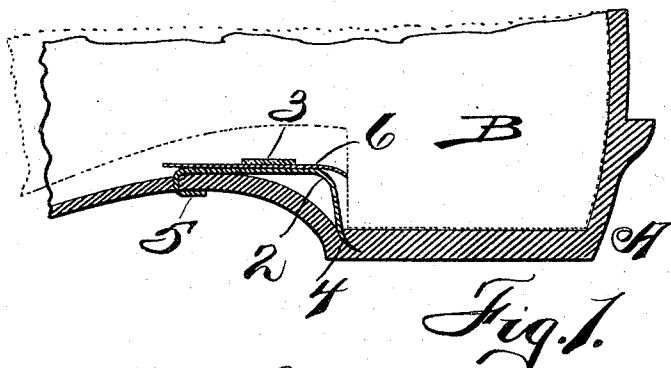


(No Model.)

H. B. CRAMPTON.
RUBBER HOLDER.

No. 582,176.

Patented May 11, 1897.



WITNESSES:

Charles H. Marwin.
Marshall C. Locke.

INVENTOR

Henry B. Crampton.

BY

Smith & Denison
ATTORNEYS.

UNITED STATES PATENT OFFICE.

HENRY B. CRAMPTON, OF SYRACUSE, NEW YORK.

RUBBER-HOLDER.

SPECIFICATION forming part of Letters Patent No. 582,176, dated May 11, 1897.

Application filed June 8, 1896. Serial No. 594,660. (No model.)

To all whom it may concern:

Be it known that I, HENRY B. CRAMPTON, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Rubber-Holders, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to devices for holding rubbers or overshoes upon boots or shoes to prevent the heel from playing or slipping up and down or the rubber from falling or losing off.

My object is to produce an improved holder, suitable to be attached to any kind or style of rubber which is provided with a heel, which can be adjusted according to the size of the heel of the boot or shoe and can be readily disengaged for the removal of the rubber.

My holder is applied to the shank of the rubber adjacent to the heel portion and comprises a suitable body, a spring-finger adjustably mounted in or upon said body so as to vary its rearward projection according to the size of the shoe-heel, in order that it may be properly engaged with the front of said heel, suitable means being provided to attach the device to the rubber either while in the process of manufacture or after they are completed, as by a dealer, or by a cobbler or any other person.

My invention consists in the several new and novel features of construction and operation hereinafter described and which are specifically set forth in the claims hereunto annexed.

It is constructed as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical longitudinal section of a part of a rubber and the holder applied thereto, the dotted lines indicating part of a boot or shoe with the heel in engagement with the holder. Fig. 2 is a top plan of the holder. Fig. 3 is a side elevation thereof. Fig. 4 is a front elevation thereof. Fig. 5 is a transverse section thereof.

A is any style of rubber or overshoe, and B is the heel portion of any style of boot or shoe.

My holder comprises a piece of suitable sheet metal stamped out creating a body 2, provided with a loop or guide 3, and suitable means, as the teeth or prongs 4 5, are provided for attaching it to a rubber. In this

loop a finger 6 is mounted and is adjustable longitudinally by shifting the dog 7 from one notch 8 to another in order that the point of said finger may properly engage with the heel of the boot or shoe, which when inserted into the rubber will spring said point down and the reflex action thereof will hold it close in contact or engagement therewith and thereby prevent the rubber from slipping up and down on said heel or from losing off entirely.

As shown in the drawings, the holder is applied to a rubber by inserting the prongs 4 into the front edge of the heel thereof substantially as shown, then forcing the prongs 5 through the shank and clenching them, or both sets of prongs can be clenched or such other ordinary means may be adopted for securing it to the rubber, either in the process of manufacture or after completion, as may be deemed most desirable and which will prevent any leakage. To remove the rubber, downward pressure on the lug 9 will release it.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

1. A rubber-holder, comprising a body adapted to be secured upon the shank of a rubber, a loop upon said body, and a finger adapted to be adjustably projected rearwardly to bring its rear end into position to engage with the front of the heel of a shoe within said rubber.

2. A rubber-holder comprising a body and means to secure it to the rubber in front of and adjacent to the heel portion thereof, in combination with a spring-finger mounted upon said body and adapted to be adjusted longitudinally according to the sizes of the shoe-heels, to engage with the front only of the heel of the shoe in the rubber and to be locked in the position at which it is set.

3. A rubber-holder consisting of a body, prongs at the ends to secure it to the rubber, a loop on said body, a spring-finger loose in said loop, a dog pivoted on said body and adapted to engage with one of the series of notches in said finger and whereby said finger is adjusted longitudinally to engage with the front only of the heel of the shoe in the rubber.

In witness whereof I have hereunto set my hand this 22d day of May, 1896.

HENRY B. CRAMPTON.

In presence of—

C. W. SMITH,

HOWARD P. DENISON.