M. E. MORLEY.

RETAINER.

APPLICATION FILED MAR. 8, 1916.

1,198,567. Patented Sept. 19, 1916.

Fig. 1

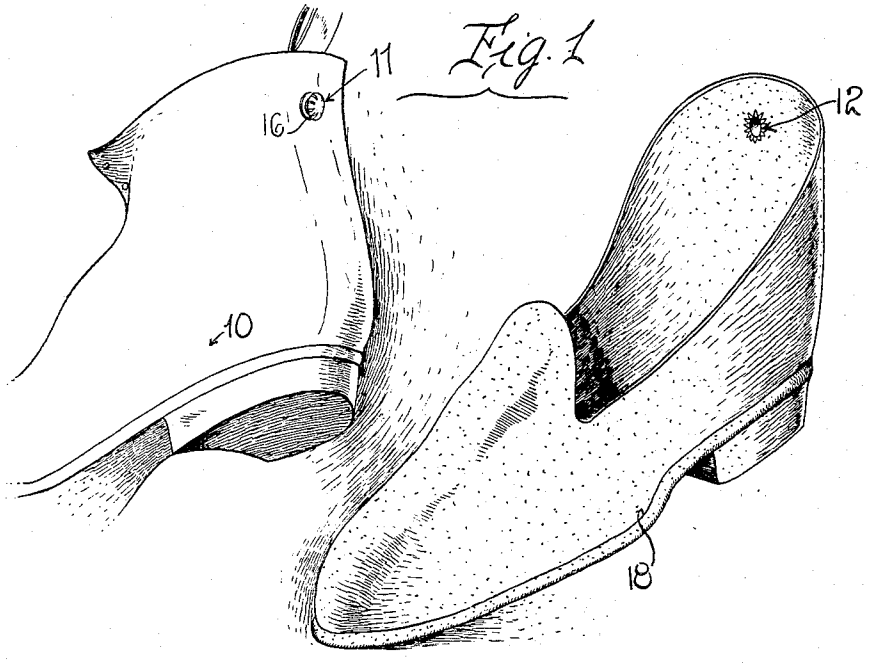
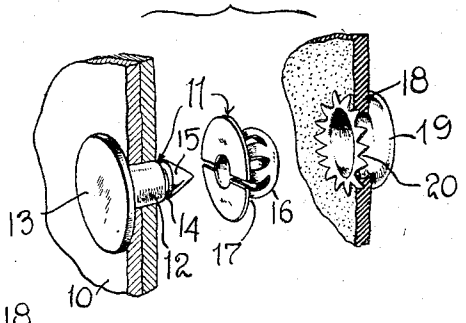


Fig. 2



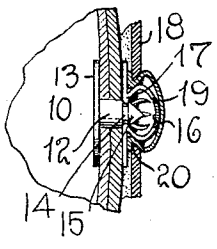


Fig. 3

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UNITED STATES PATENT OFFICE.

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RETAINER.

1,198,567. Specification of Letters Patent. Patented Sept. 19, 1916.

Application filed March 8, 1916. Serial No. 82,990.

To all whom it may concern:

Be it known that I, MORLEY EDWARD MORLEY, a citizen of the United States, residing at Amma, in the county of Roane and State of West Virginia, have invented certain new and useful Improvements in Retainers, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to means for retaining overshoes in place, and particularly to means whereby the heel of the overshoe may be detachably connected to the heel of the shoe proper.

Overshoes, in order to be comfortable and readily put on, should be relatively loose, but if the overshoes are relatively loose they are very liable to pull off particularly when the wearer is walking in mud. If the overshoe is too tight, it checks circulation, makes the feet cold, and is very difficult to put on and take off.

The general object of my invention is to provide means which will retain an overshoe upon the foot without the necessity of the overshoe fitting tightly. And a further object of the invention is the provision of a very simple device for this purpose which may be readily applied to ordinary shoes and overshoes, and which, when applied, will sufficiently engage the heel of the overshoe with the heel of the shoe as to prevent the detachment or pulling off of the overshoe except intentionally.

My invention is illustrated in the accompanying drawings, wherein:

Figure 1 is a perspective view of a boot and overshoe with my retaining attachment applied thereto; Fig. 2 is a perspective view of the several elements of my retaining device, the view also showing the shoe and overshoe in section; Fig. 3 is a fragmentary sectional view of the rear end of a shoe and overshoe showing the retaining devices engaging with each other, the retaining devices being partly in elevation and partly in section.

Referring to these figures, 10 designates an ordinary shoe of any suitable character and preferably provided at the rear end of its upper, above the heel portion, with one element 11 of my improved retainer. The element comprises a stud 12 having a relatively wide flanged base 13, the extremity of the stud being grooved to form a neck 14 and then being pointed as at 15. This stud is intended to be forced through the leather of the shoe at the place indicated in the drawing, and then there is applied to the pointed end of this stud a locking cap designated 16 which has a contracted neck 17 fitting within the groove 14 and locking thereon. This locking cap 16 is split and resilient and therefore resiliently compressible and expansible and holds tightly in place upon the stud 12. Placed upon the upper end of the heel of an overshoe 18, preferably adjacent the upper end of the heel portion of the upper, is an eyelet or socket designated 19, which is of any suitable construction and which has a contracted throat 20, and which may have a detachable resilient engagement with the cap 16. This eyelet is applied to the overshoe in any suitable manner so that it cannot become detached.

The use of my invention will be obvious from the drawing. The overshoe may be relatively loose and is pulled on the shoe in the ordinary manner and when on, the eyelet 19 is engaged with the cap 16 of the stud 12, the cap forming part of the stud 12 when in place. When engaged, this retaining device will hold the rear end of the overshoe firmly in engagement with the rear end of the shoe proper while the forward end of the overshoe is engaged with the shoe proper in the ordinary manner. It will thus be seen that it is impossible to pull off the overshoe by any downward pull and that the overshoe can only be pulled off by pulling outward on the upper end of the overshoe and intentionally detaching the socket 18 from its engagement with the cap 16.

Attention is called to the fact that the attaching device is very simply formed in three pieces, which may be readily made and easily applied.

The retainer may be originally placed on the shoe and overshoe or may be afterward applied.

Having described the invention, what I claim is:

1. A retaining device of the character described comprising a stud having a relatively wide base and contracted pointed head, and a groove defining the base of the head, a cap resiliently and detachably engaged with the head of the stud, and a resilient socket adapted to be detachably engaged with the cap on the stud.

2. A retainer of the character described

comprising a shank having a relatively wide base, and a pointed head, the head being defined by a groove extending around the shank, a cap having a diametrical split base formed with a central enlargement for the reception of the head, and a bulbous portion extending from the base and radially slotted at a plurality of points, and a resilient socket adapted to detachably engage with said cap.

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

M. EDWARD MORLEY.

Witnesses:
H. O. SNYDER,
A. WHITE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."