

No. 780,513.

PATENTED JAN. 24, 1905.

A. E. LOTSTROM.  
HOLDER FOR OVERSHOES, RUBBERS, OR THE LIKE.  
APPLICATION FILED JUNE 20, 1904.

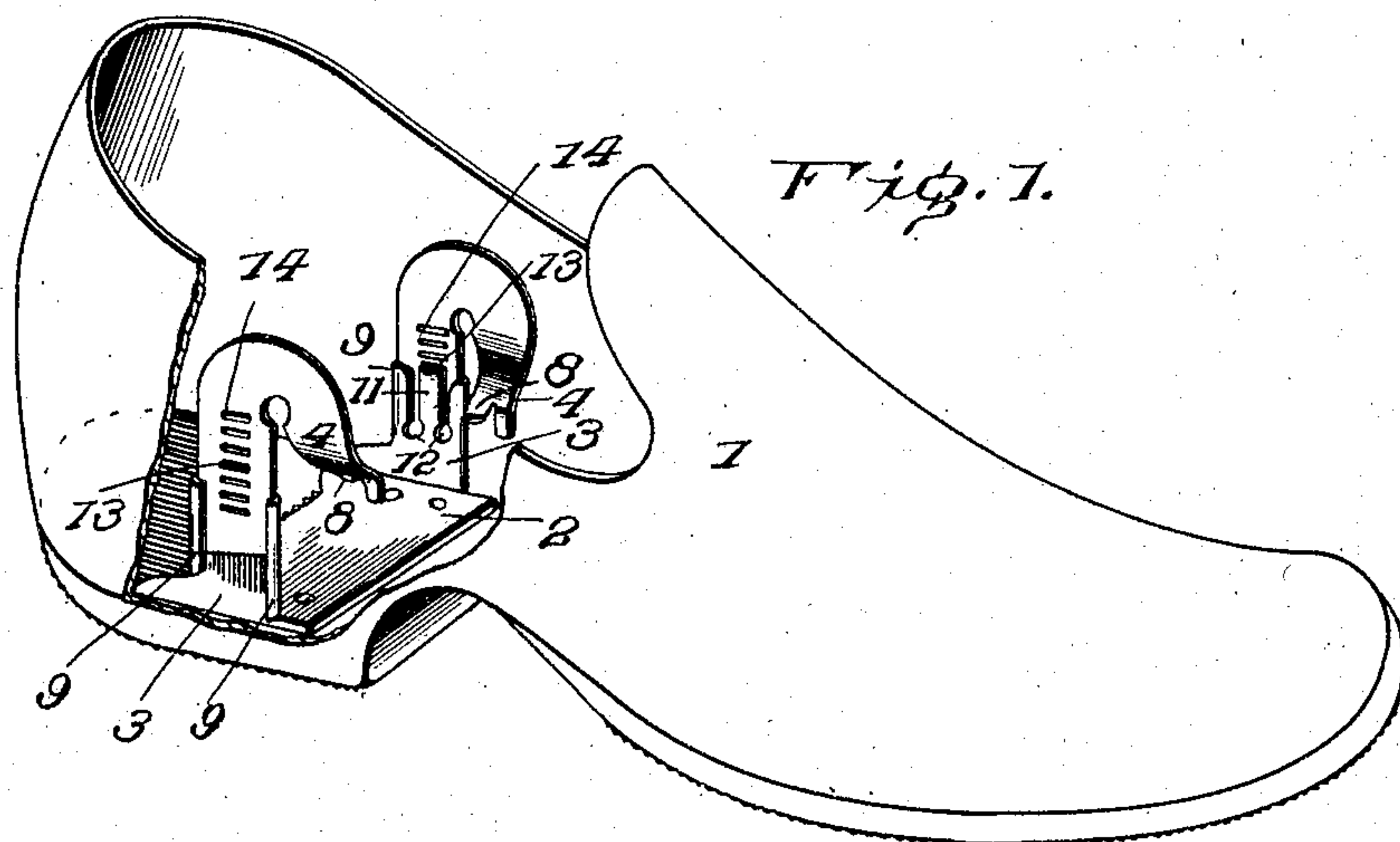


Fig. 2.

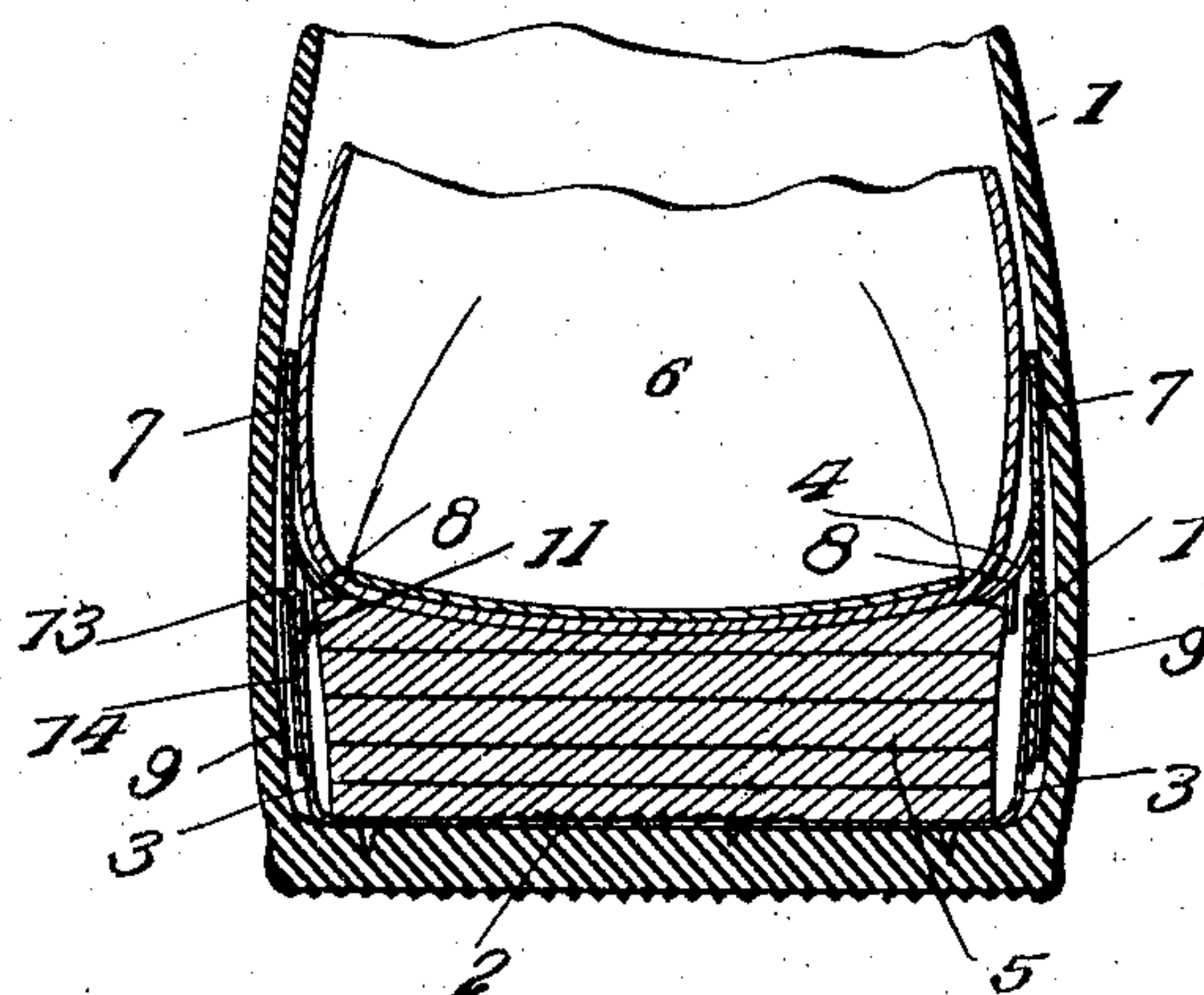


Fig. 3.

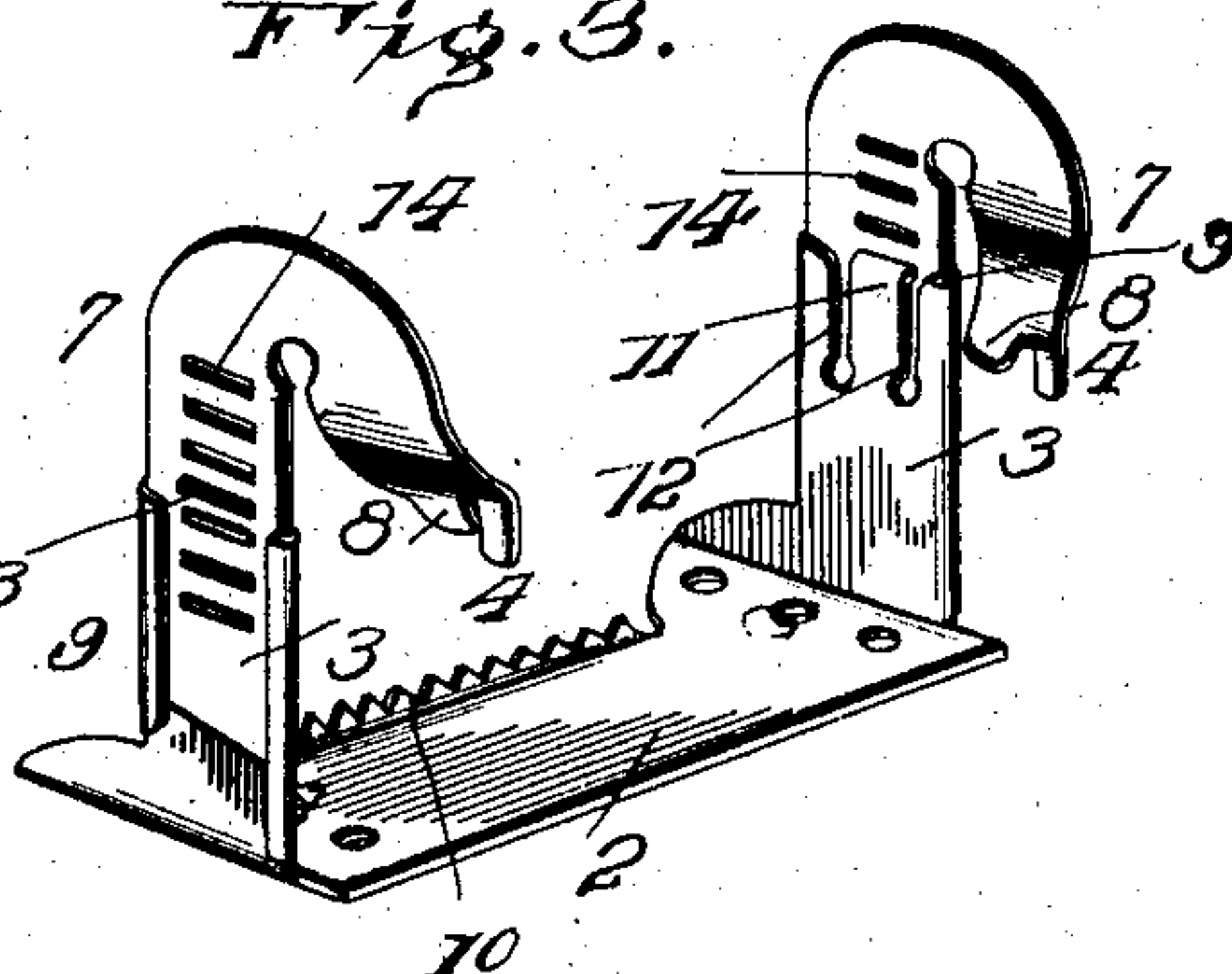


Fig. 4.

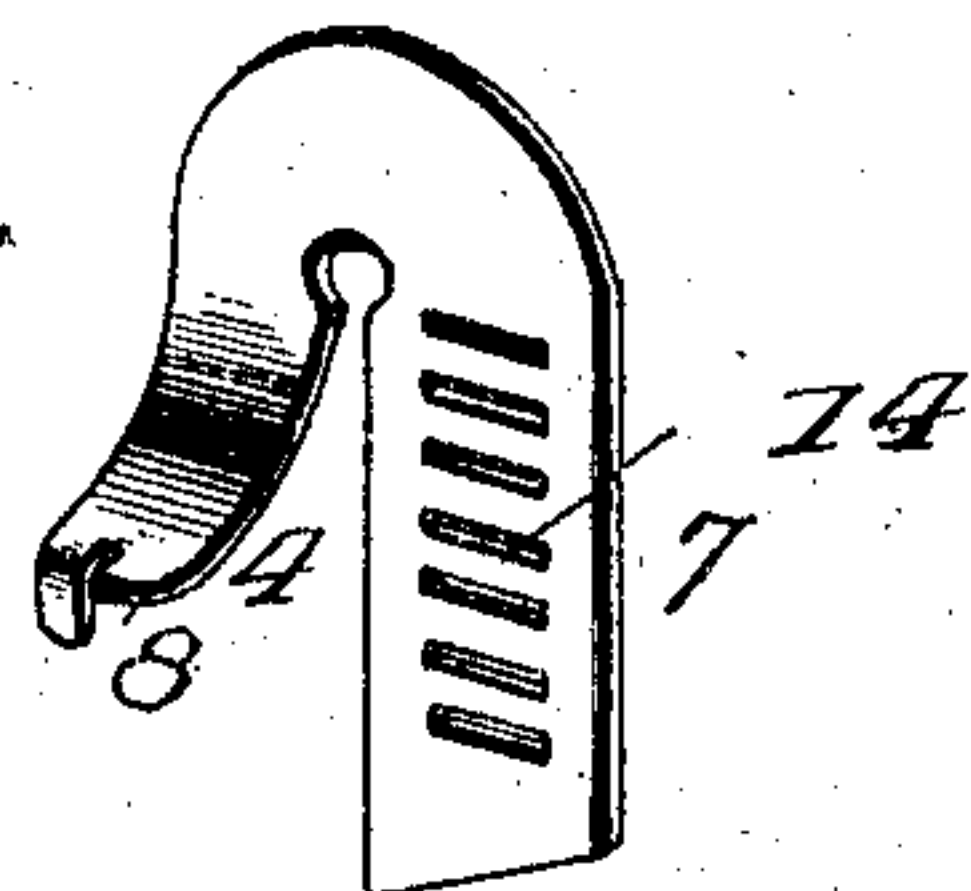
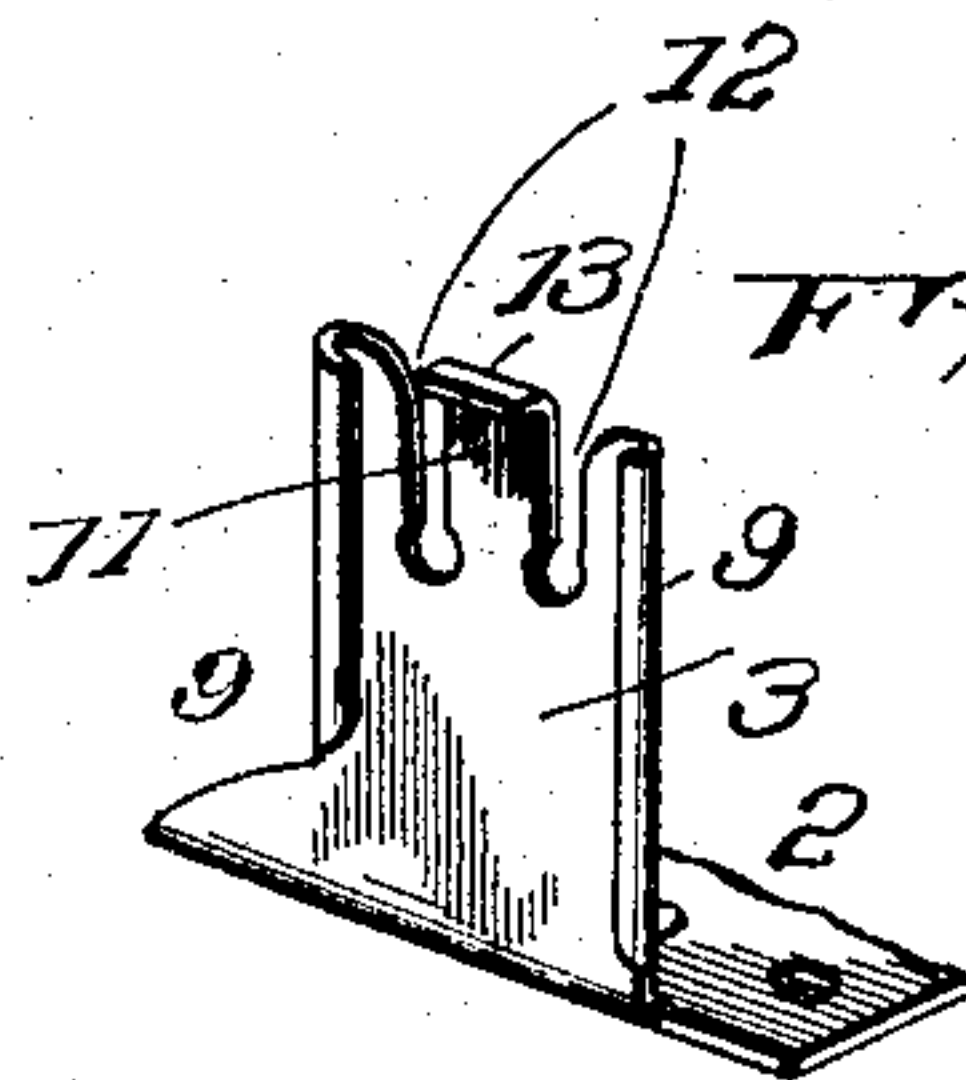


Fig. 5.



Inventor

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# UNITED STATES PATENT OFFICE.

ALEXANDER E. LOTSTROM, OF BURLINGTON, WASHINGTON.

## HOLDER FOR OVERSHOES, RUBBERS, OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 780,513, dated January 24, 1905.

Application filed June 20, 1904. Serial No. 213,365.

*To all whom it may concern:*

Be it known that I, ALEXANDER E. LOTSTROM, a citizen of the United States, residing at Burlington, in the county of Skagit and State of Washington, have invented certain new and useful Improvements in Holders for Overshoes, Rubbers, or the Like, of which the following is a specification.

My invention relates to a peculiar attaching device adapted to be applied to overshoes, rubbers, or the like for preventing accidental displacement of the overshoe from the foot under the ordinary conditions of service.

It is well known that in the use of the ordinary form of rubbersame is often pulled from the shoe when the wearer is passing over muddy or soft ground, and the above of course gives rise to disadvantages which are very apparent and which are obviated by my invention.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a rubber partially broken away, showing the holding device applied thereto. Fig. 2 is a vertical transverse sectional view. Fig. 3 is a detail perspective view of the holder attachment alone. Fig. 4 is a perspective view of the adjustable member. Fig. 5 is a broken perspective view bringing out clearly the form of the extension of the plate.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In the drawings my invention is shown in its application to a common type of rubber now in use. However, it will be understood that the invention is also susceptible of use in connection with any type of overshoe where it may be desirable to prevent accidental displacement of the same from the foot.

In carrying out my invention my attachment is secured within the rear portion of the rubber or overshoe 1, and the same consists of a plate 2, secured to the heel portion of the rubber by any suitable means—such as rivets, tacks, or the like—and from the plate 2 are projected upwardly-spaced extensions 3. The extensions 3 are disposed within the overshoe and are located approximately in contact with the counter portions of the said overshoe. The extensions 3 are preferably integral with the plate 2, forming angularly-bent portions thereof. Spring-engaging members 4 are carried by adjustable members 7, the latter being mounted for vertical movement upon the extensions 3. The engaging members 4 constitute downwardly and inwardly bent portions of the adjustable members 7, and the lower ends of the members 4 are adapted to engage with the upper projecting portion of the heel, adjacent to the point of securance of said heel with the upper, so as to hold the rubber from displacement. The lower ends of the members 4 are provided with engaging lugs 8, which directly engage the heel, and the lower ends of said members 4, adjacent the lugs 8, are adapted to prevent the lugs from penetrating too deep into the part engaged thereby. The adjustable members 7 are mounted in vertical guides 9, which are formed by bending the vertical edge portions of the extensions 3, and an engaging arm 11 is provided upon each of the extensions 3, the said engaging arm being formed by two vertical slots 12, disposed between the guide-flanges 9. The upper end of the arm 11 is provided with a projection 13, adapted to engage in one of a plurality of horizontal slots 14 which are provided in the adjustable member 7. The arms 11 have a spring coöperation as regards the adjustable members 7, and their coöperation is advantageous in that they can be raised or lowered so as to readily admit of engagement of their engaging members 4 with heels which have been worn so as to be uneven. Also in certain instances the engaging member of one of the adjustable members 7 may be lowered so as to be out of use. The engaging members 4 are adapted to engage the heel 5 of the inner shoe 6 and to thus firmly prevent removal or displacement of the over-



shoe until the same are so operated as to be thrown out of engagement with the heel 5 aforesaid.

The plate 2 is cut away from the rear side thereof and extended upwardly from the plate, and approximately intermediate the extensions 3 is an engaging member in the form of a transverse flange 10, which flange is bent upwardly from the plate and provided with serrated portions designed to positively engage the under side of the heel of the inner shoe 6 to prevent any lateral or longitudinal shifting of this heel relative to the extensions and obviate any likelihood of accidental disengagement of the members 4 from the heel 5.

The engaging members 4, having a spring action, are adapted to automatically engage the heel 5 as the overshoe is placed upon the inner shoe 6 preparatory to its use in the usual manner. The members 4 once in engagement with the heel 5 firmly hold the rubber upon the inner shoe in a manner which will be clearly apparent. In order to remove the overshoe 1, it is but necessary to press the upper portions of the extensions 3 outwardly to disengage the members 4 from the heel, and the said overshoe may be readily taken off.

My invention may be used in connection with any shape of heel or style of shoe at present in use, and should the heel of the shoe not project sufficiently to enable the engaging members 4 to engage the same the shoes may be readily provided with horizontal grooves or depressions, which latter may be easily made with a knife by any shoemaker, and the said depressions would accomplish the desired purpose.

My invention is a simple attachment which

is adapted to be used in connection with any overshoe now in use, and because of its universal application to different kinds of overshoes same is essentially advantageous. The holder devices, which are attached to the overshoe, will be made in different sizes to fit different-sized overshoes, and the said attachments are preferably constructed of light sheet metal possessing the necessary rigid and spring qualities hereinbefore set forth.

Having thus described the invention, what is claimed as new is—

In combination with an overshoe, a plate secured to the heel portion within the shoe, extensions projected upwardly from the extremities of the plate and having their vertical edge portions provided with guide-flanges, adjustable members mounted in the guide-flanges of the extensions and provided with a plurality of horizontal slots, the upper portion of each of the extensions of the plate being slotted vertically to form an engaging arm, a projection extended from the engaging arm of each extension and adapted to be received by any one of said horizontal slots in the adjustable member adjacent, each adjustable member being provided with a downwardly and inwardly curved part forming an engaging member, and a flange extended upwardly from the plate between the extensions thereof and serrated for the purpose specified.

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

ALEXANDER E. LOTSTROM. [L. s.]

Witnesses:

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