No. 612,530. Patented Oct. 18, 1898.

A. B. SMITH.

FASTENER FOR OVERSHOES.

(Application filed Aug. 30, 1897.)

(No Model.)

Fig. 1.

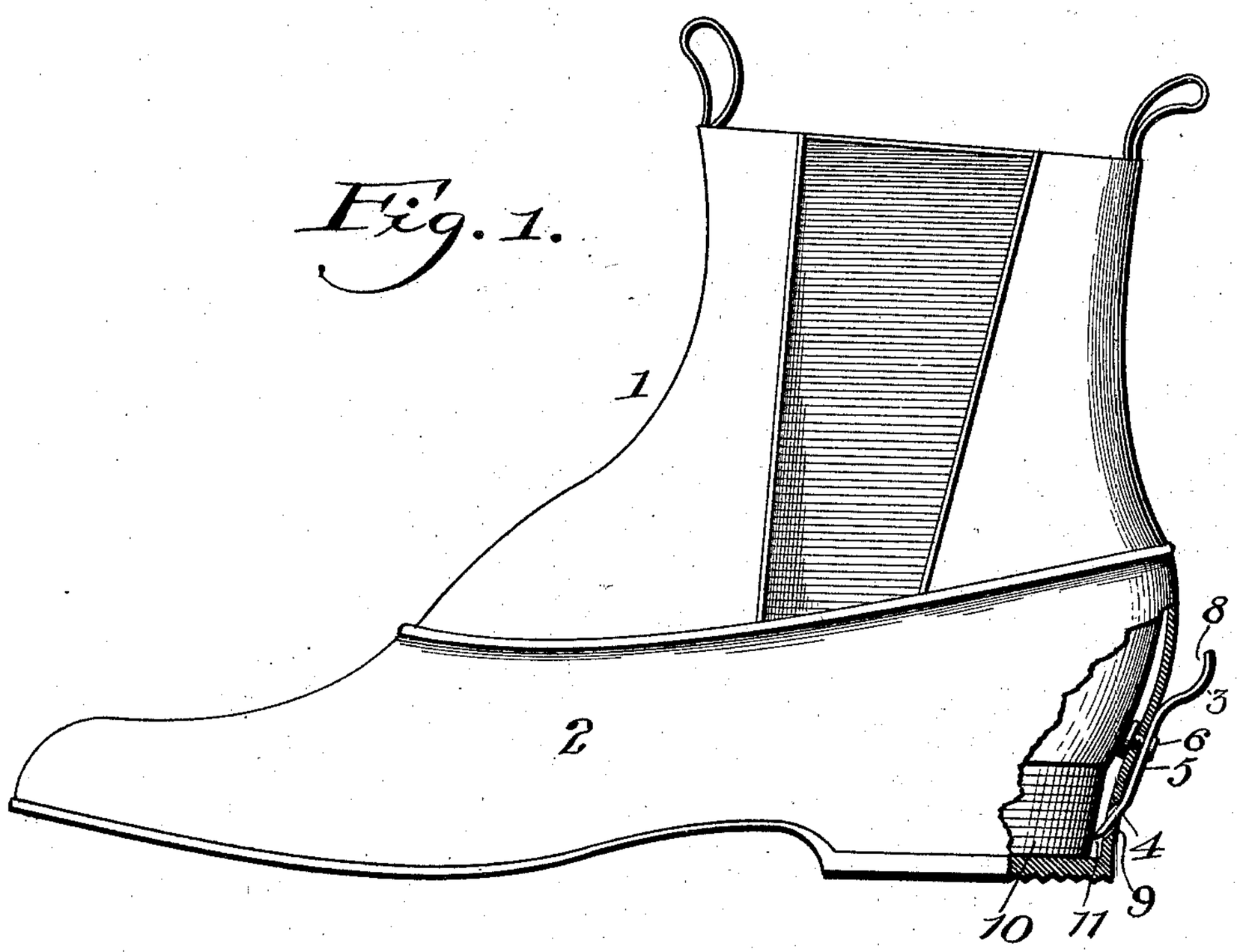
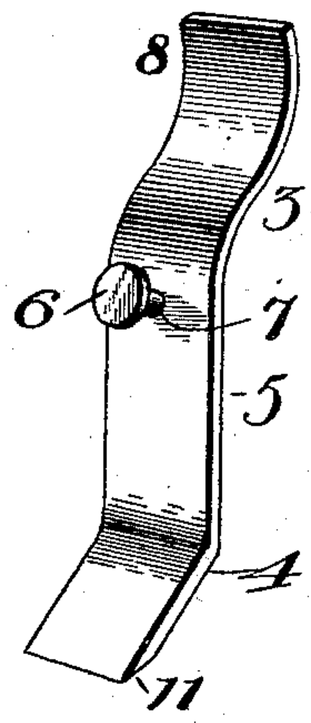


Fig. 2.



Witnesses
A. R. Applman
Edwin Cruse.

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By his Attorneys,
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UNITED STATES PATENT OFFICE.

ALFRED B. SMITH, OF TOPEKA, KANSAS.

FASTENER FOR OVERSHOES.

SPECIFICATION forming part of Letters Patent No. 612,530, dated October 18, 1898.

Application filed August 30, 1897. Serial No. 649,968. (No model.)

To all whom it may concern:

Be it known that I, ALFRED B. SMITH, a citizen of the United States, residing at Topeka, in the county of Shawnee and State of Kansas, have invented a new and useful Fastener for Overshoes, of which the following is a specification.

This invention relates to fasteners for overshoes or rubbers, its object being to provide a simple, cheap, and efficient device which may be easily and quickly attached to the heel portion of the overshoe to engage the heel of the inner shoe and securely hold the former on the latter and which can be easily disengaged from the inner shoe to permit the removal of the overshoe.

With this object in view the invention consists of the several details of construction and combination of parts, as will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings, Figure 1 is a side elevation, partly broken away, of an ordinary shoe and an overshoe provided with my improved fastener. Fig. 2 is a perspective view of the fastener detached.

Similar reference-numerals indicate similar parts in both figures.

1 indicates the leather or inner shoe, and 2 the overshoe or rubber.

The fastener consists, preferably, of a thin strip of steel having its end portions 3 and 4 bent in opposite directions at an obtuse angle to the middle portion 5 and preferably in such manner that the end portions will lie in parallel planes, although it is not absolutely essential. The strip of metal of which the fastener is constructed forms a lever, which is disposed substantially vertically, the lower end being adapted to engage an inner shoe and the upper end being arranged to be manipulated to withdraw the lower end from such engagement.

6 indicates a rivet the head of which engages the inner surface of the overshoe and the stem of which extends through the overshoe and an opening 7 near the upper end of the middle portion of the fastener, and the end of the stem will be burred to retain the fastener on the rivet.

The middle portion 5 will lie in a substantially vertical plane against the outer face of the heel portion of the overshoe, and the upper end portion 3 will extend upwardly and rearwardly therefrom and have its upper end bent forwardly, as indicated at 8. The lower end portion 4 will extend downwardly and forwardly from the middle portion 5 through a suitable opening 9 in the overshoe and project forwardly therein to engage with its lower end the heel 10 of the inner shoe. A knife-edge will preferably be formed on the end of the lower portion 4 by beveling it on one side, as indicated at 11. Instead of forming a knife-edge a series of teeth may be formed thereon, the knife-edge or the teeth, as the case may be, being intended to penetrate slightly the heel of the inner shoe to lock the overshoe on the inner shoe.

The head of the rivet 6 will serve as a fulcrum upon which the fastener will have a slight rocking movement sufficient to disengage its lower end from the heel of the inner shoe when pressure is applied to the upper end. The rubber can be fitted over the inner shoe in the ordinary manner, as the lower end of the fastener will permit the free downward movement of the heel, but will tend to prevent its upward movement when in engagement therewith. The pressure can be applied to the upper end of the fastener by the foot or the hand, as will be readily understood.

It will be understood that changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what I claim is—

1. The combination of an overshoe having an opening in its heel portion, of a substantially vertically disposed lever fulcrumed between its ends on the overshoe and having its lower end extending through the opening thereof in position for engaging the heel of an inner shoe, the upper end of the lever being arranged to be pressed toward the overshoe for withdrawing the lower end from engagement, substantially as described.

2. The combination with an overshoe provided with an opening in its heel portion, of

a fastener consisting of a strip of metal having its end portions bent in opposite directions at an obtuse angle to its middle portion, the lower bent portion extending through said opening and projecting forwardly to engage the heel of an inner shoe, and the end of the upper end portion being bent forwardly toward the overshoe, and a rivet passing through the rubber shoe and the fastener near the upper end of its middle portion, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ALFRED B. SMITH.

Witnesses:

S. D. COOLEY,

JAMES R. WICK.