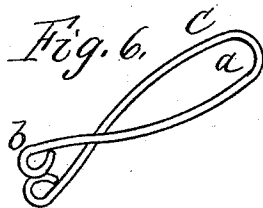
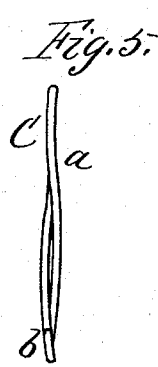
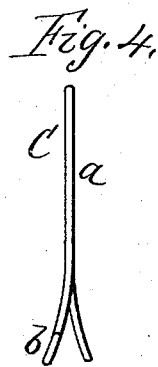
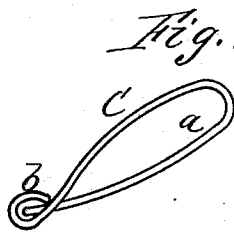
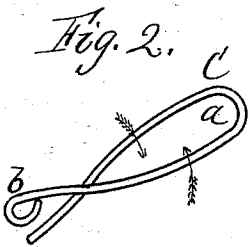
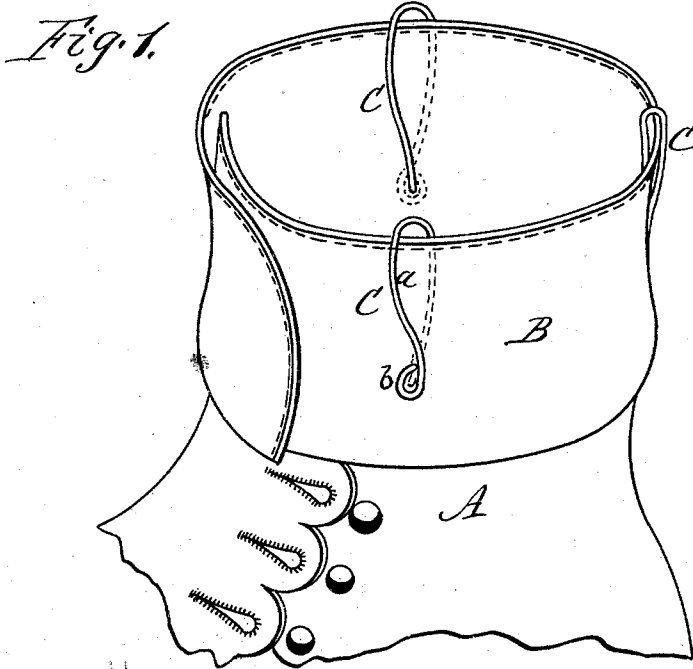


(No Model.)

W. H. WOOD.
CLAMP FOR UPPERS.

No. 488,913.

Patented Dec. 27, 1892.



Witnesses
P. H. Kestich
Chas. Widener.

Inventor
Wm. H. Wood,
By *his Attorney*
R. F. Osgood.

UNITED STATES PATENT OFFICE.

WILLIAM H. WOOD, OF ROCHESTER, NEW YORK, ASSIGNOR OF ONE-HALF
TO FREDERICK A. SHERWOOD, OF SAME PLACE.

CLAMP FOR UPPERS.

SPECIFICATION forming part of Letters Patent No. 488,913, dated December 27, 1892.

Application filed January 21, 1892. Serial No. 418,760. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. WOOD, of Rochester, in the county of Monroe and State of New York, have invented a certain new and useful Improvement in Devices for Fastening Hoods on Shoes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the drawings accompanying this application.

In the manufacture of shoes it is customary, during the finishing process, to cover the top of the shoe with a hood to prevent soiling and injury to the top. This hood consists of a pocket of cloth or other fabric which embraces both sides of the top and it is held by clamping devices which slip down over the hood.

The object of my invention is to simplify and cheapen the clamping device; and to this end the invention consists of a clamp made of a single piece of bent wire, so constructed and arranged that when inserted over and embracing the hood it can be made to fasten the same by giving it a half turn or twist, all as hereinafter described.

In the drawings—Figure 1 is a perspective view showing the top of a shoe, the hood applied to the same, and three of the fastening devices in place; Fig. 2 is a perspective view of one of the clamps in its normal condition, when not in use; Fig. 3 is a similar view of the same in the position it assumes when applied as a clamp; Figs. 4 and 5 are edge elevations respectively of Figs. 2 and 3; Fig. 6 is a perspective view similar to Fig. 2, but showing a modification in the shape of the ends of the clamp.

A indicates the top of the shoe, and B the ordinary hood fitted thereon.

C is one of the clamping devices. The clamp is made from a single piece of spring wire. It is bent double, forming the loop or body *a*. One end is preferably formed with an eye *b*, and the other left straight, as shown in Figs. 1 and 2; but if desired both ends may

be formed with eyes, as shown in Fig. 6. The two ends are located apart or away from each other, as shown in Fig. 4, and the ends are crossed and such space is left between the two lengths that the device can be readily inserted over the hood.

To apply the clamp it is first slipped over the hood so as to embrace both sides, and a half turn or twist is then given to it. This causes the ends to change position. The eye *b*, which forms the bearing on one side of the hood, makes a half turn, standing in the opposite direction from that in which it stood before the turn was made; while the opposite end of the clamp, which lies on the other side of the hood, also changes its position and rests centrally with the eye, making an indentation in the cloth and holding it firmly in place. This is indicated by the full and dotted lines in Fig. 1. The half turning of the clamp produces a torsional action that brings the parts to place as above described. The outward opposite curving of the ends of the clamp enables the two extremities to thus close together to embrace the cloth. To release the clamp it is only necessary to turn it back to its former position again.

Having described my invention I do not claim broadly a spring clamp for holding the hood to the shoe.

What I claim as new and desire to secure by Letters Patent is—

The shoe clamp consisting of a spring wire loop bent double, the ends crossed and standing in reverse directions, and adapted to clamp the upper by being turned half way around when in place, as herein shown and described.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

WILLIAM H. WOOD.

Witnesses:

R. F. OSGOOD,
CHAS. A. WIDENER.