

A. S. Hadaway,

Ice Creeper,

N^o 55,584.

Patented June 12, 1866.

Fig: 1.

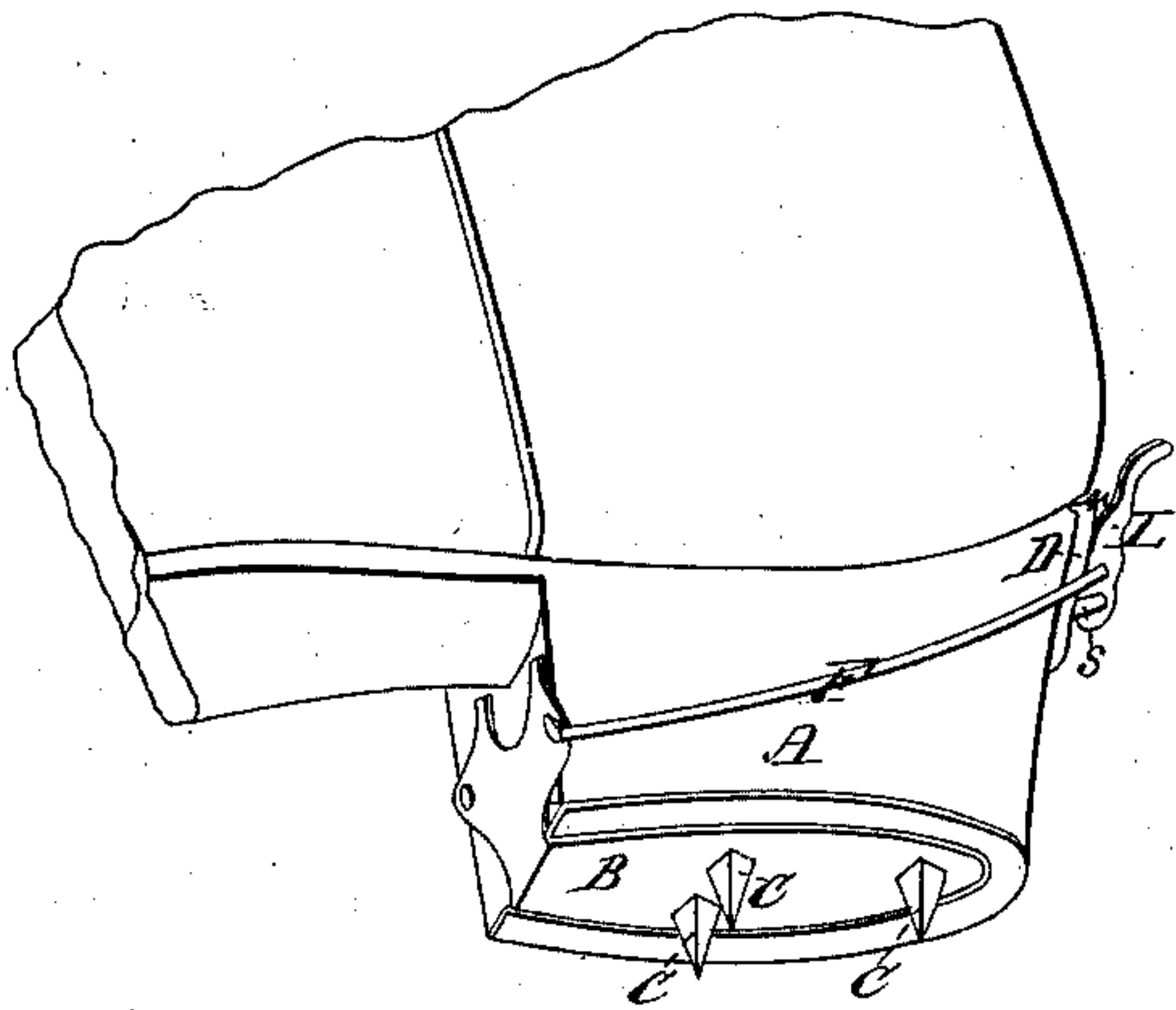


Fig: 2.

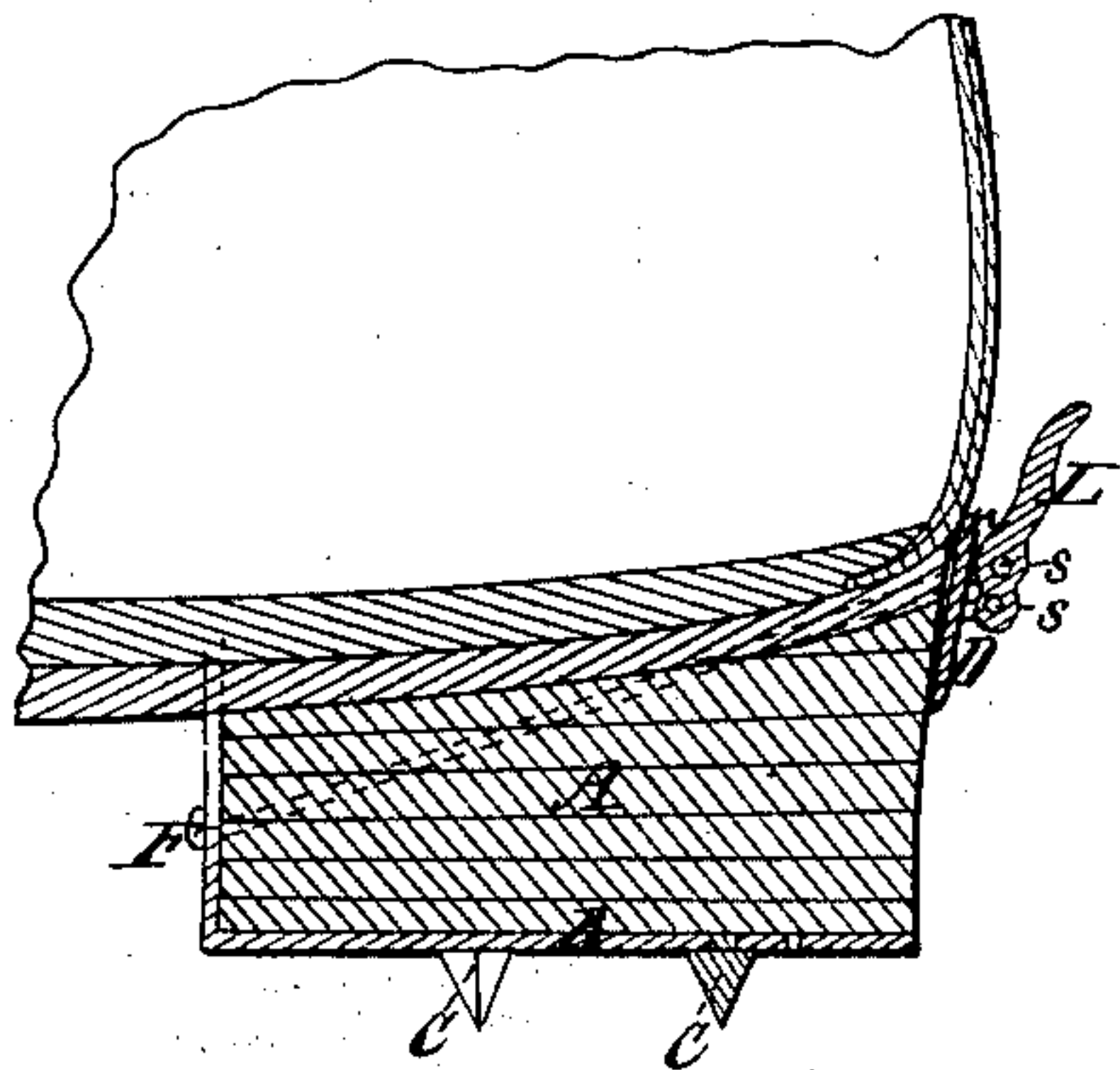


Fig: 3.

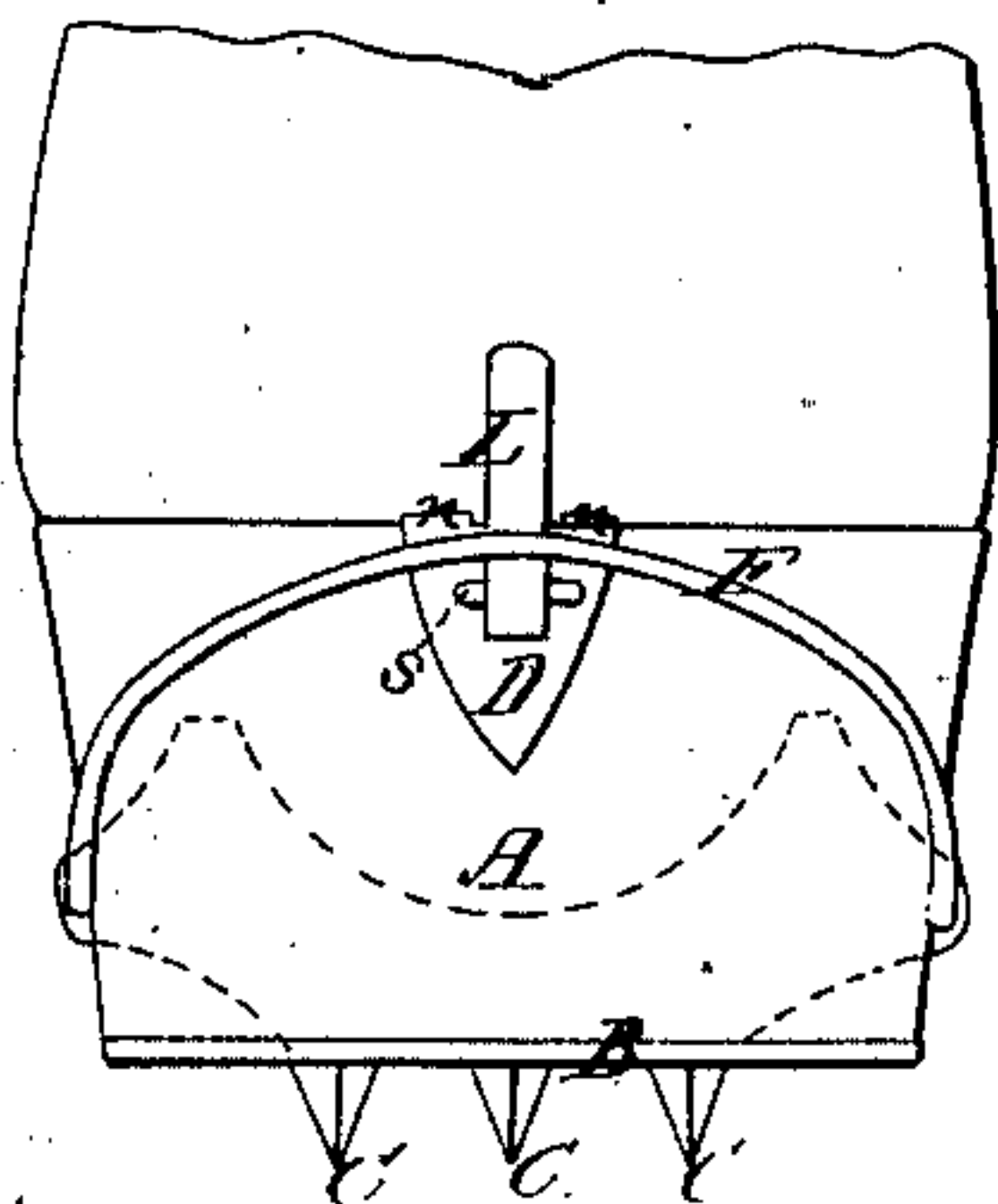
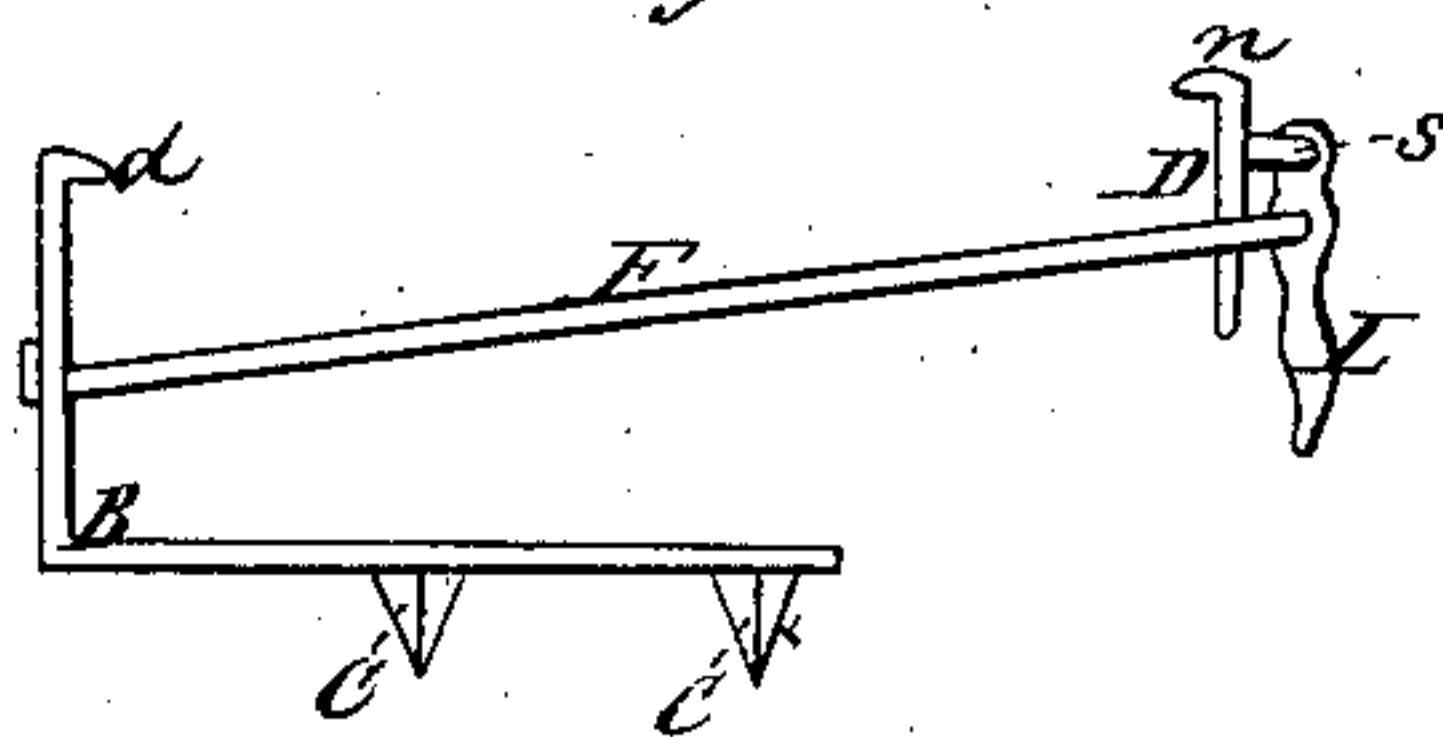


Fig: 4.



Witnesses

*William Edson
William T Hadaway*

Inventor

Augustus S Hadaway

UNITED STATES PATENT OFFICE.

AUGUSTUS S. HADAWAY, OF PLYMOUTH, MASSACHUSETTS, ASSIGNOR TO
HIMSELF AND W. S. HADAWAY, OF SAME PLACE.

IMPROVED ICE-CREEPER.

Specification forming part of Letters Patent No. 55,584, dated June 12, 1866.

To all whom it may concern:

Be it known that I, AUGUSTUS S. HADAWAY, of Plymouth, in the county of Plymouth and State of Massachusetts, have invented a new and Improved Ice-Creeper; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in a peculiar device for fastening an ice-creeper to the heel of a boot or shoe.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and use.

In the drawings, Figure 1 is a perspective view of the creeper as attached to the heel of a boot. Fig. 2 is a section of a boot-heel and creeper. Fig. 3 is an elevation of a boot-heel and the creeper, showing the device for securing the creeper to the heel. Fig. 4 is an elevation of the creeper detached from the heel.

A represents the heel of a boot or shoe; B, the plate of the creeper, made of any suitable material, said plate being turned up in front of the heel, terminating in the points *d d*, and holding underneath the spikes C C C. F is a wire fastened to the front plate of the creeper, and, passing around the heel, is connected with

the toggle-lever L. This lever is connected, by the staple *s*, which acts as a fulcrum, to the small plate D, the upper edge of which is bent over, as shown at *n*, so as to catch on the top of the heel.

In using this creeper the lever L is turned down, as shown in Fig. 4, the plate B is placed on the heel, the points *d d* entering the leather in front, and the small plate D is placed on the back of the heel, the bent edge *n* catching between the upper-leather and sole; then by turning up the lever L the wire F draws the front of the plate B against the front of the heel and presses the points *d d* into the leather, thus fastening the creeper securely to the heel. It is only necessary to turn down the lever L, which relieves the strain on the wire F, and the creeper can be easily removed.

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

The combination of the wire F, the toggle-lever L, and the plate D, all for the purpose set forth, and substantially as specified.

AUGUSTUS S. HADAWAY.

Witnesses:

WILLIAM EDSON,
WILLIAM S. HADAWAY.