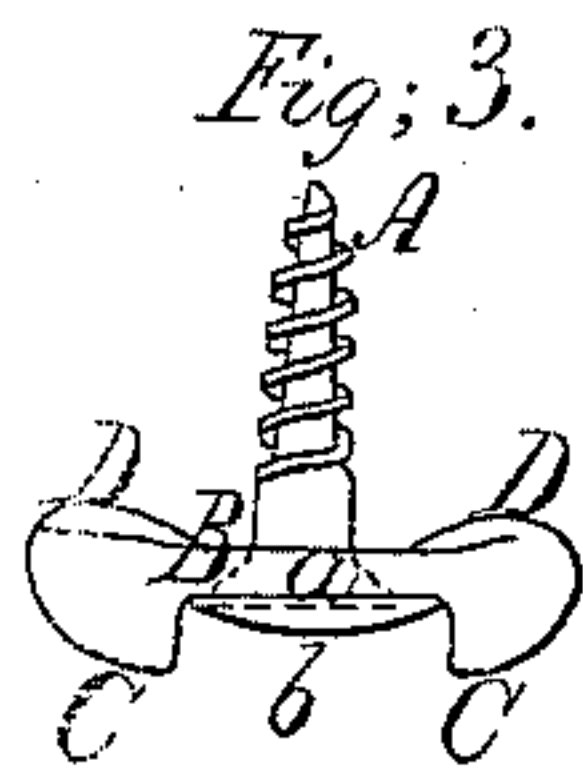
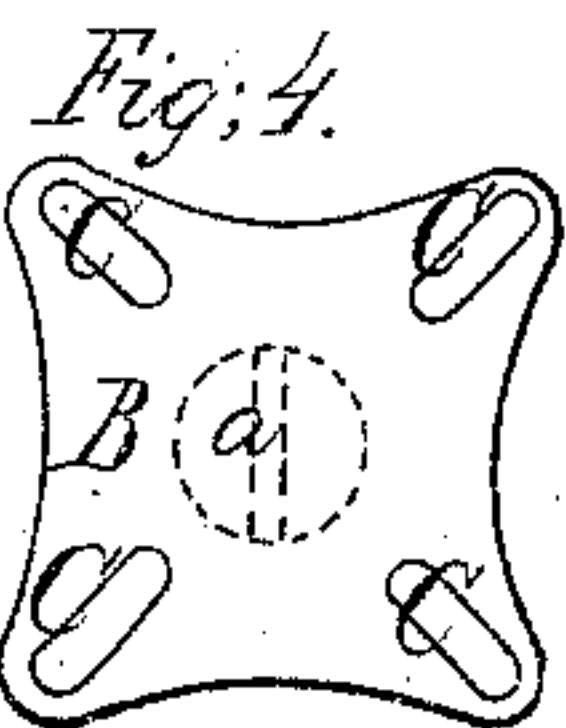
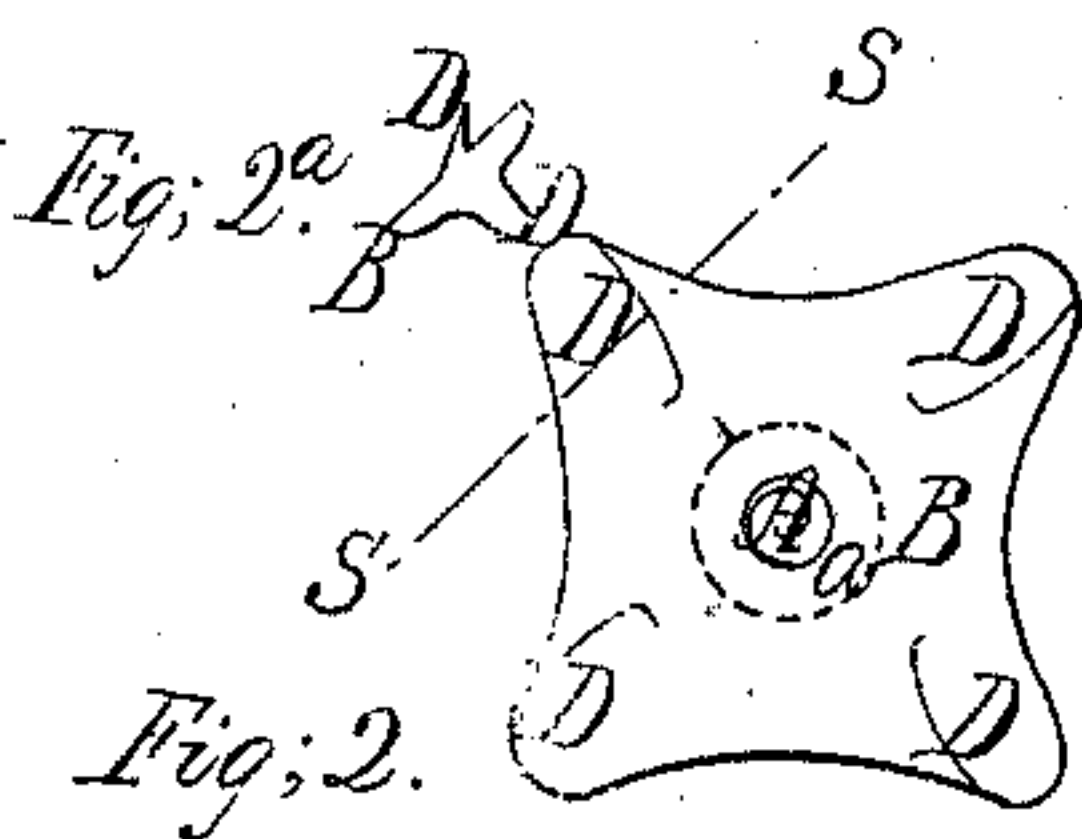
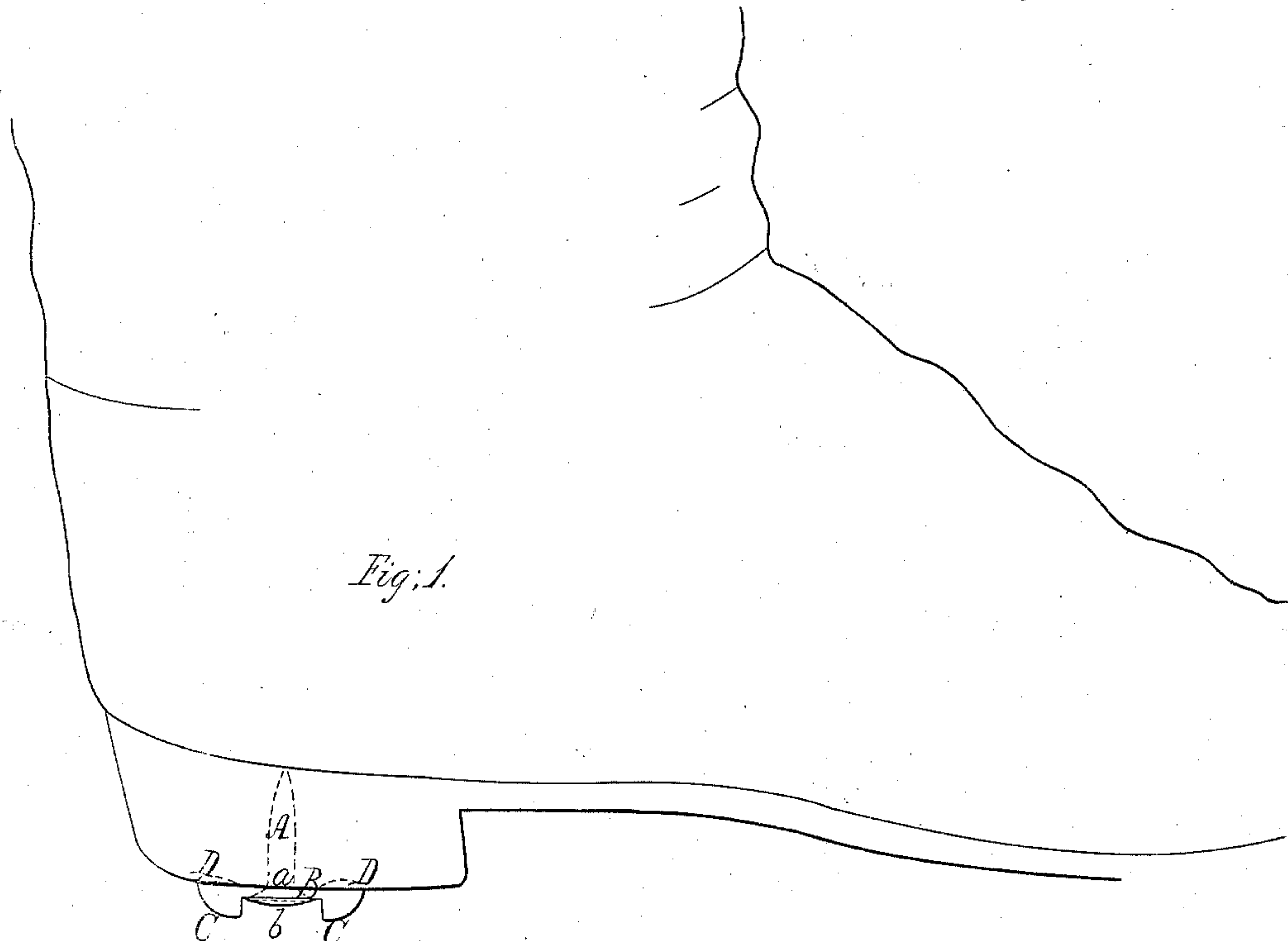


*I. S. Hyatt & J. W. Hyatt, Jr.,*

*Ice Creeper,*

*Nº 39,575,*

*Patented Aug. 18, 1863.*



*Witnesses.*

*Wm. Warriner*  
*Philip, Larran.*

*Inventor.*

*Isaiah S. Hyatt.*  
*John W. Hyatt, Jr.*

# UNITED STATES PATENT OFFICE.

ISAIAH S. HYATT AND JOHN W. HYATT, JR., OF CHICAGO, ILLINOIS.

## IMPROVED ICE-CREEPER.

Specification forming part of Letters Patent No. 39,575, dated August 18, 1863.

*To all whom it may concern:*

Be it known that we, I. S. HYATT and J. W. HYATT, Jr., of Chicago, in the county of Cook and State of Illinois, have invented a certain new and improved creeper to assist in walking upon ice; and we do hereby declare that the following is a full and exact description thereof.

The accompanying drawings form a part of this specification.

Figure 1 is a side view of our creeper affixed to a heel of a boot ready for use. Fig. 2 is a plan view of the creeper detached. Fig. 2<sup>a</sup> is a section on the line S S in Fig. 2. Fig. 3 is a side view, and Fig. 4 is a bottom view.

Similar letters of reference indicate like parts in all the figures.

To enable others skilled in the art to make and use our invention, we will proceed to describe it by the aid of the drawings.

A is a gimlet-pointed wood-screw adapted to be inserted in a hole previously bored in the heel of the boot. This screw A is firmly secured within the swell *b* of the plate or body B, the union being effected by casting the plate B upon or around the head *a* of the screw A in the manner well known to workers in iron.

The plate B and its several spurs or projections form a single casting, and may be of cast iron, common or malleable, or of brass or any other suitable material. C C C C are projections on its under face adapted to roughen and take hold of the ice. D D D D are projections on its upper face, inclined as represented, and arranged around the screw A in such manner that when, by the turning of the instrument around, the plate is drawn tightly against the leather, so as to form a firm bearing, the inclined projections

D allow the same to be easily turned in the direction so as to tighten its hold, but resist its turning in the opposite direction to release its hold. This resistance prevents our creeper from releasing itself from the boot when in use, but may be overcome by a vigorous effort with the fingers or with a stick or other convenient implement when it is desired to detach it.

The simplicity of our invention, the low price at which it can be produced, and the facility with which it can be applied and removed without a screw-driver constitute important advantages over any creepers before known to us.

It is not necessary to the success of our invention that the holding-spurs D be perpendicular or overhanging, as the effect may be produced by inclining both sides of these spurs alike. The elasticity of the leather is always sufficient to hold such spurs with sufficient firmness, and where the creepers have to be applied and removed at short intervals it is preferable to make the holding-spurs much less tenacious in their hold than is represented.

Having now fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The self-locking creeper herein described, as a new article of manufacture, the same being in a single piece with the central screw, A, holding-spurs D, and ice spurs or surfaces C, arranged to operate together, substantially as herein described.

ISAIAH S. HYATT.  
JOHN W. HYATT, JR.

Witnesses:

I. M. MENHULL,  
WM. I. MORTON.