

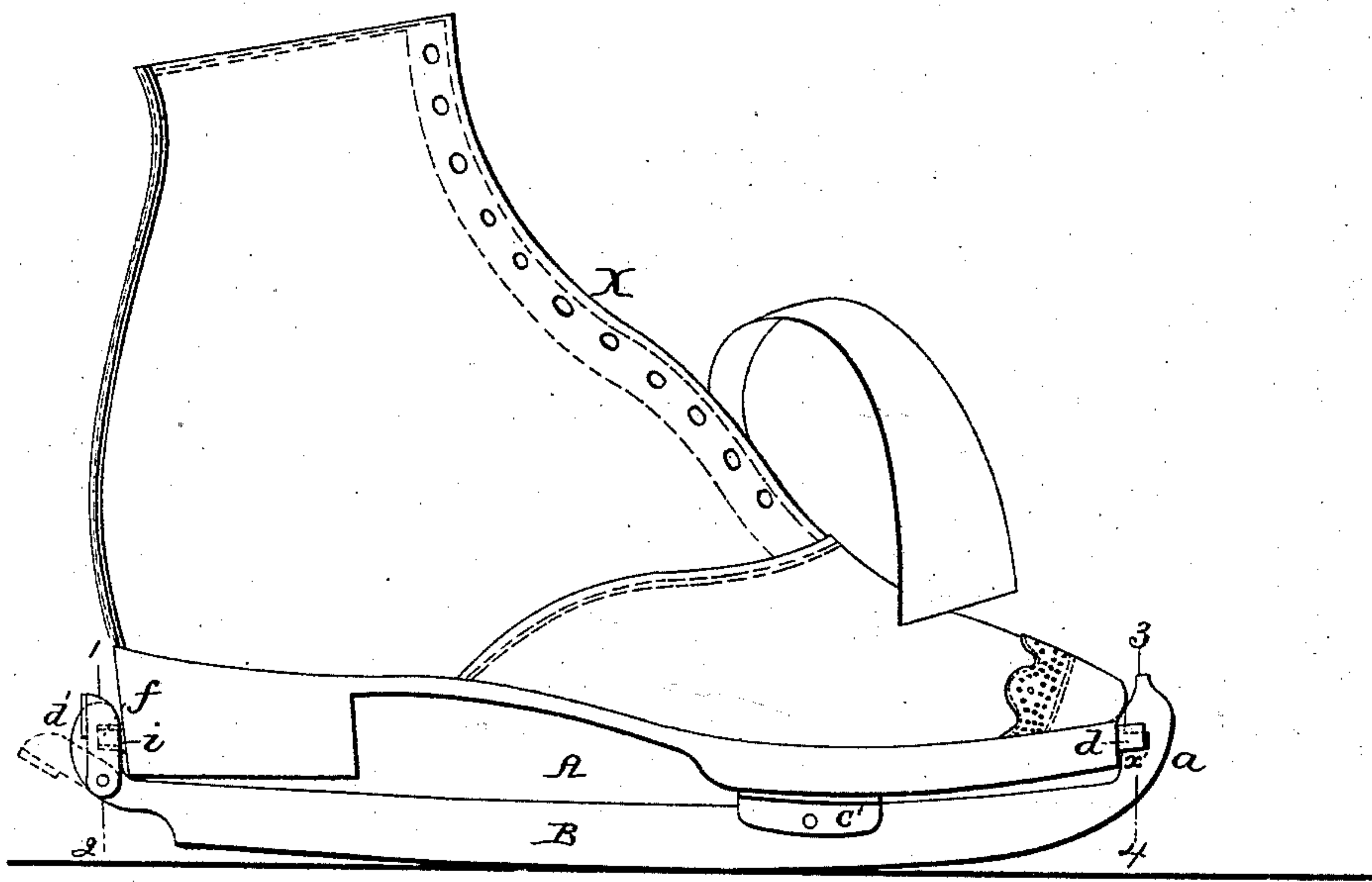
A. Mabon,

Skate,

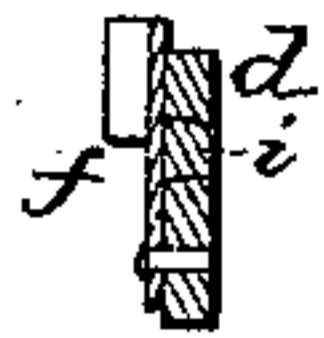
No 58,440,

Patented Oct. 2, 1866.

Fig; 1.



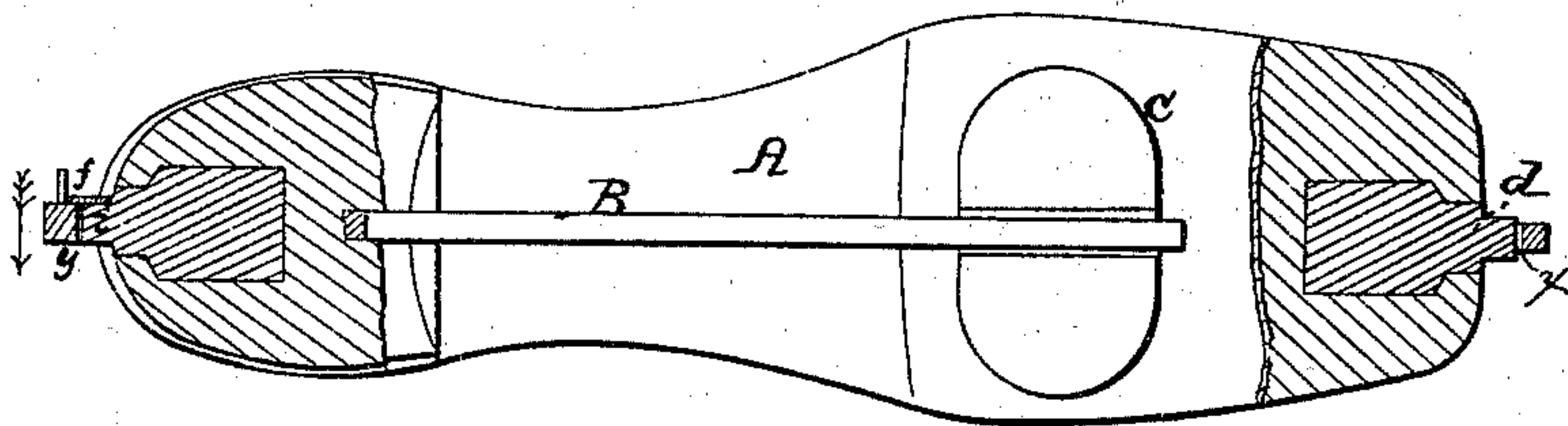
Fig; 4.



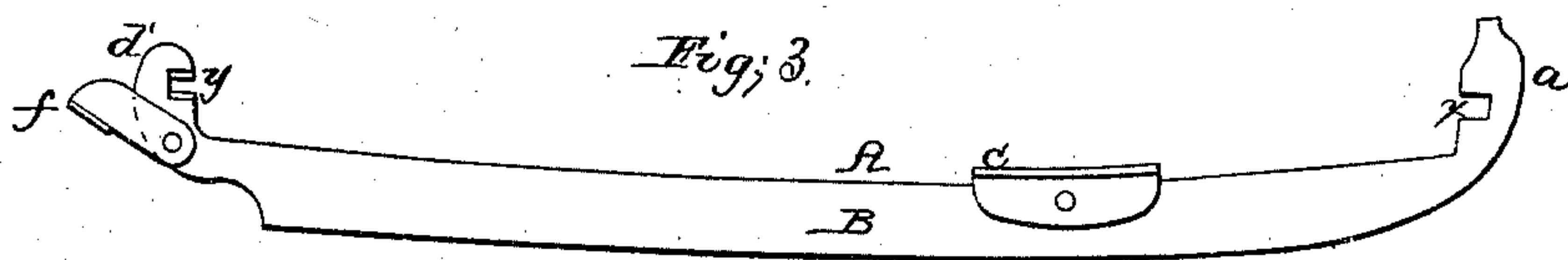
Fig; 5.



Fig; 2.



Fig; 3.



Witnesses;
John Parker
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A. Mabon
By his Atty
J. H. Howson

UNITED STATES PATENT OFFICE.

ANDREW MABON, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN SKATES.

Specification forming part of Letters Patent No. 58,440, dated October 2, 1866.

To all whom it may concern:

Be it known that I, ANDREW MABON, of Philadelphia, Pennsylvania, have invented an Improvement in Skates; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of certain devices, fully described hereinafter, for quickly and firmly securing a skate to a boot or shoe, and permitting the skate to be as readily removed.

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

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a side view of a shoe and skate, showing my improved device for securing the latter to the shoe; Fig. 2, an inverted plan view of Fig. 1, partly in section; Fig. 3, a side view of the skate detached from the shoe; Fig. 4, a section on the line 1 2, Fig. 1; and Fig. 5, a section on the line 3 4, Fig. 1.

A is a skate, which, in the present instance, consists of a runner, B, and a plate, c, which is secured to the upper edge of the said runner.

At the front end of the skate is a projection, a, and to a recess, d, in the latter is adapted a pin, d, at the toe of a boot or shoe, X, a lip, e, at each side of the pin d preventing the projection a from escaping laterally from the pin.

At the heel of the skate is a projection, d', in which is a wedge-shaped recess, y, adapted for the reception of a wedge-shaped pin, i, projecting from the heel of the boot, the pin being retained in its position in the recess by a plate, f, hinged to the side of the projection d.

When the skate is to be detached from the shoe the plate f is turned back to the position shown in dotted lines, Fig. 1, and the skate is moved laterally in the direction of the arrow, Fig. 2, so as to remove the projection d' from contact with the pin i. The skate is then moved forward until the projection a is free from contact with the pin d.

The devices above described may be used in connection with skates of almost any of the usual forms. They are simple and cheap, serve to retain the skate firmly in its place, and permit it to be readily detached when desired.

Other devices than that described may be used for securing the front end of the skate to the toe of the boot. For instance, a pin on the projection a may fit a socket in the toe of the boot, or a projection, d', with a hinged plate, f, and a recess adapted for the reception of a pin on the toe of the boot, may be placed at the front end of the skate.

I claim as my invention and desire to secure by Letters Patent—

A skate having a projection, d, hinged plate f, and recess y, adapted for the reception of a pin on the boot to which the skate is to be attached, the whole being constructed substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ANDREW MABON.

Witnesses:

CHAS. E. FOSTER,
JOHN WHITE.