C. T. Day,

Skate Fastening,

No. 40,916. Patented Dec. 15, 1863.

Fig 1.

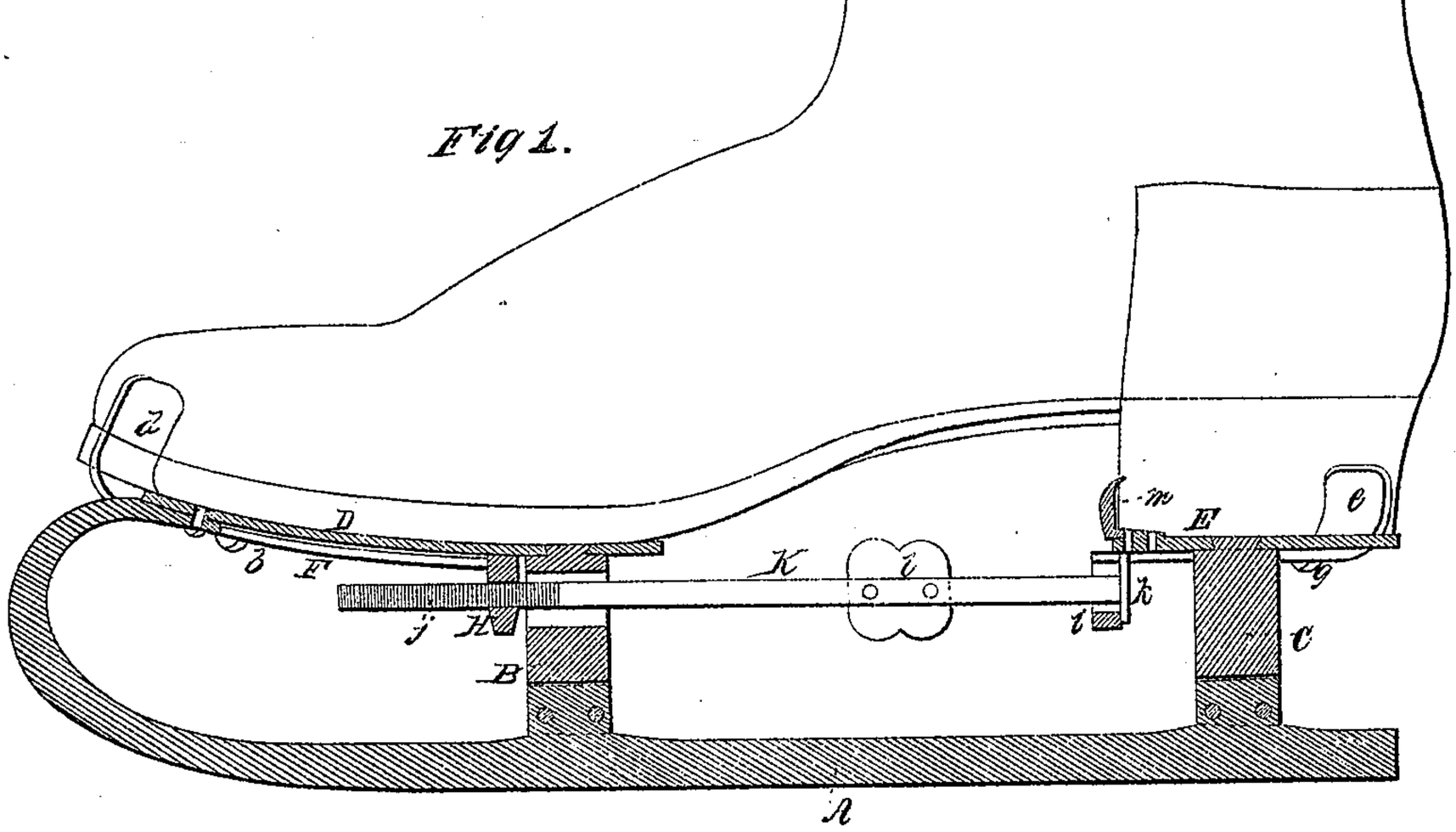
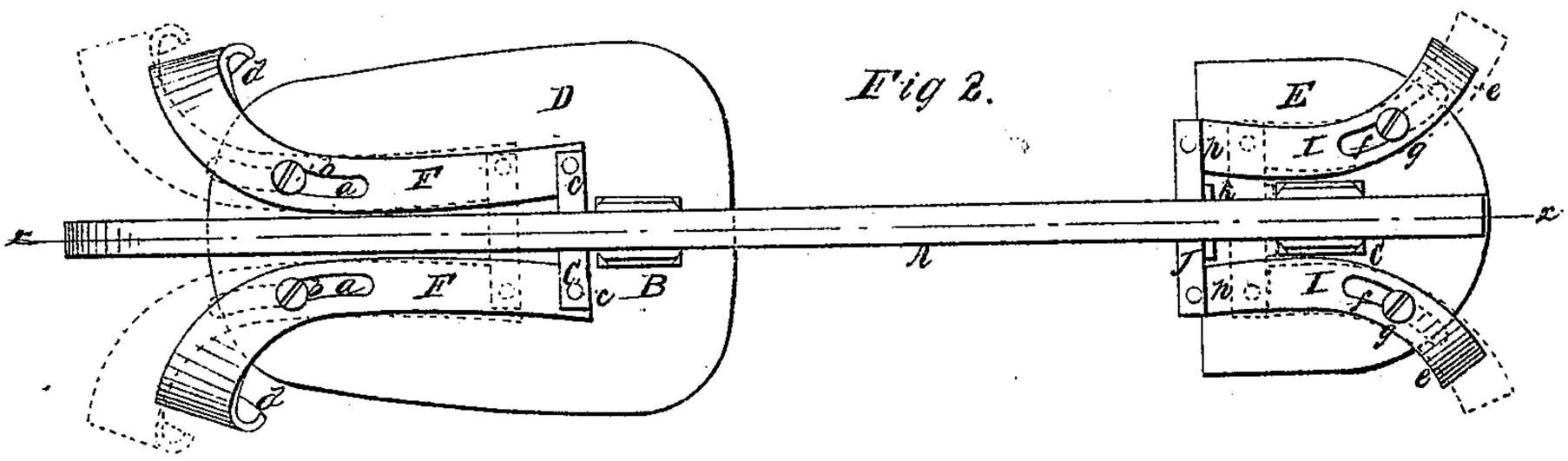


Fig 2.



Witnesses.

Thos. H. Douglas

Geo. W. Reed

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C. T. Day

UNITED STATES PATENT OFFI(

C. T. DAY, OF NEWARK, NEW JERSEY.

IMPROVED SKATE-FASTENING.

Specification forming pa t of Letters Patent No. **40,916,** dated December 15, 186

To all whom it may concern:

Be it known that I, C. T. DAY, of Newark, in the county of Essex and State of New Jersey, have invented a new and Improved Skate-Fastening; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a longitudinal vertical section of a skate with my improvement applied to it; Fig. 2, an inverted plan or under view of the same.

Similar letters of reference indicate corresponding parts in the two figures.

This invention relates to a new and improved mode of attaching the skate to the boot or shoe; and it consists in the employment or use of clamps arranged and applied to the skate in such a manner that a combined lateral and longitudinal adjusting movement is given them for the purpose of grasping the sole of the boot or shoe and firmly securing the skate to the same.

The invention further consists in operating the clamps by means of a screw-rod and nut, arranged with the clamps in such a manner that all of the latter will be operated or moved simultaneously in securing the skate to the boot or shoe.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents the runner of a skate; B, the front, and C the back, knee or post; D, the sole-plate, and E the heel-plate, the plates D E being attached, respectively, to the knees or posts B C, the front part of the plate B being also attached to the toe of the runner A.

The above parts are constructed and arranged similarly to many skates in use, and therefore do not require a minute description.

To the under side of the sole-plate D there are attached two curved bars, F F, each of which has a curved slot, *a*, made in it, and through these slots screws *b* pass into the sole-plate, the heads of the screws retaining the bars in proper position and still admitting them to slide longitudinally, the back or inner ends of the bars F F nected by pivots *c c* to a bar, G, pendent nut, H, attached to it. parts of the bars F F are curved o bent upward, so as to form jaws which extend upward, one at eac front part of the sole of the boot

To the under side of the heel-pl are attached two bars, I I, whi curved, so that their outer ends upward and form jaws or clamp each side of the heel of the bo These bars I are also slotted lon as shown at *f f*, to admit of screw through them in the same way as *b* of the bars F F, and the back o of the bars I are connected by p bar, J, which has a pendant, *i*, att

K is a rod, which has a screw, at one end, and a head, *k*, on its o This rod rests in the pendant *i* of the bars I I, the head *k* being a side of the pendant *i*, and the scre the nut H of the bar G. The s has a thumb-piece, *l*, attached t the inner edge of the heel-plate E tached an upright bearing-piece, front edge of the heel of the boo rest against.

The operation is as follows: Th J is turned to admit of the bars ing moved outward sufficiently t front part of the sole of the b to rest on the plate E. The sc then turned from left to right the thumb or finger piece *l*, and t I I are thereby drawn simultaneo longitudinally and laterally, so t or clamps *d d e e* will bind agains of the sole and heel of the boot o firmly secure the skate to the lat

The bearing-piece *m* serves as a heel, and insures the skate being proper position to the boot or sho

The device is extremely simp manipulated with the greatest fa cure the skate to the boot or shoe it therefrom. There are no parts out of repair, and it may be ap skate at a moderate expense.

us described my invention, what
w, and desire to secure by Letters

's F F I I, constructed, arranged,
to the skate, substantially as
to be capable of being moved in
l and lateral direction, and clamp
sole of the boot or shoe in the
for the purpose specified.

2. The screw-rod J and nut H, applied to the bars F F I I, to operate in the manner and for the purpose set forth.

C. T. DAY.

Witnesses:
THOS. S. J. DOUGLAS,
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