E. Wirths,

Skate.

No. 26,542. Patented Dec. 20, 1859.

Fig: 1.

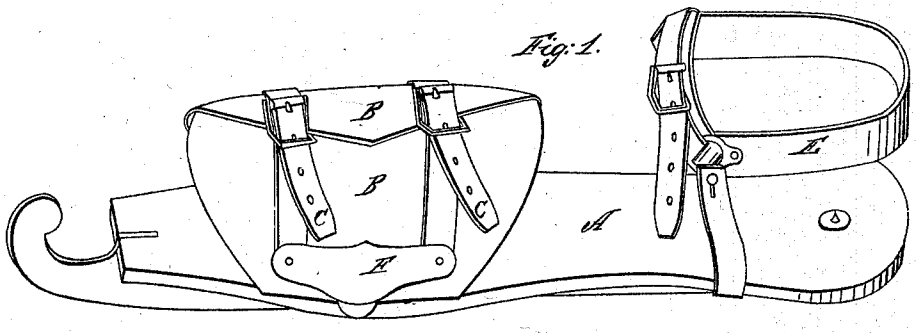
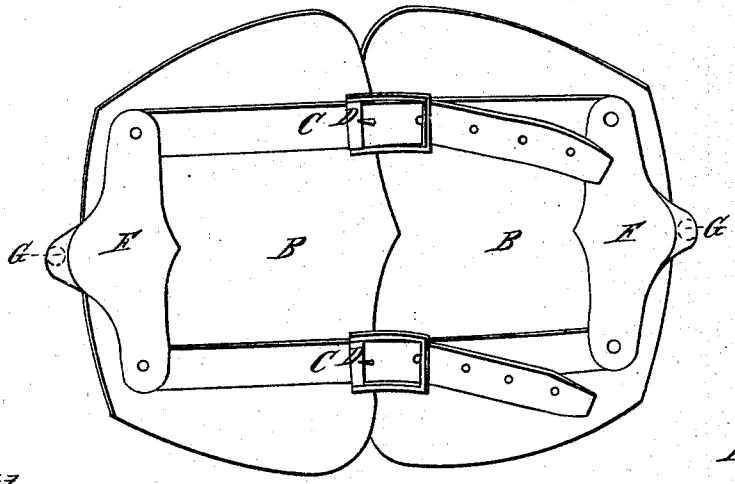


Fig: 2.



Witnesses:
W. H. Bennett
A. Sidney Doane

Inventor:
E. Wirths

AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

EDWARD WIRTHS, OF NEW YORK, N. Y.

SKATE-FASTENING.

Specification of Letters Patent No. 26,542, dated December 20, 1859.

To all whom it may concern:

Be it known that I, EDWARD WIRTHS, of New York, in the county and State of New York, have invented, made, and applied to use certain new and useful Improvements in Skates; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, and to the letters of reference marked therein, in which—

Figure I, is a view of an ordinary skate, with my improvement attached. A showing the skate. B, B, two side pieces attached to the skate A on either side, and when fastened together by means of the straps and buckles (C, C, D, D) serving to attach in connection with the heel-band (E) the skate (A) to the foot of the wearer, as well as to protect the same. C, C, straps for fastening these side pieces. D, D, buckles for the same. E, the heel-band. F, showing one of two metallic pieces, to which the side pieces (B B) are riveted, and which (F) being attached directly to a screw (G Fig. II) serves to accommodate, by rendering the side pieces (B, B) adjustable, the skate to feet of different sizes.

Fig. II, a view of the side pieces (B, B) showing their mode of attachment to the skate A, B, B showing the side pieces. C′, C straps for fastening the same. D, D, buckles for the same. F, F are two metallic side pieces, to which the side pieces (B, B) are riveted. G, G, shows the screws, to which the metallic pieces F, F are directly attached and which render the side pieces (B, B) adjustable, and accommodate the skate A to feet of different sizes.

The nature of my invention consists in so attaching the side pieces (B, B) to the ordinary skate (A) that the same being adjustable by means of the screws (G, G) shall accommodate the skate (A) to a foot of any size, and at the same time answer as a covering for the front portion of the foot, and serve in connection with the heel-band (E) to attach the skate (A) firmly to the foot.

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

To the ordinary skate (A) I attach two side pieces (B,B) formed of leather and fastened together by means of the straps and buckles (C, C, D, D.) These side pieces form a covering or protection for the front portion of the foot of the wearer and in connection with the heel-band (E) serve as a means of attaching the skate (A) firmly and securely to the foot of the wearer. These side pieces (B, B) are riveted to metallic pieces (F, F) which are operated directly by screws (G, G), which acting as swivels, allow the side pieces (B, B), to adjust themselves to feet of any size. These screws (G, G) fit into recesses in a metallic plate inserted into the foot-board of the skate (A) and are operated by hand, and are formed by cutting a thread upon a portion of the metallic piece (F) cast for that purpose. By this means, the side-pieces (B, B) are rendered adjustable, and accommodate the skate (A) to the foot of the wearer, and when attached by means of the straps and buckles (C, C, D, D) form a protection for the same.

I am aware that M. Vandenburg obtained a patent for providing an elastic front for adapting a skate to feet of different sizes.

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

The mode of attaching the side-pieces (B B) to the skate (A) for the purpose of adapting the same to feet of different sizes, when the same shall be arranged and operated as herein set forth.

EDW. WIRTHS.

Witnesses:

WM. BENNETT,

A. SIDNEY DOANE.