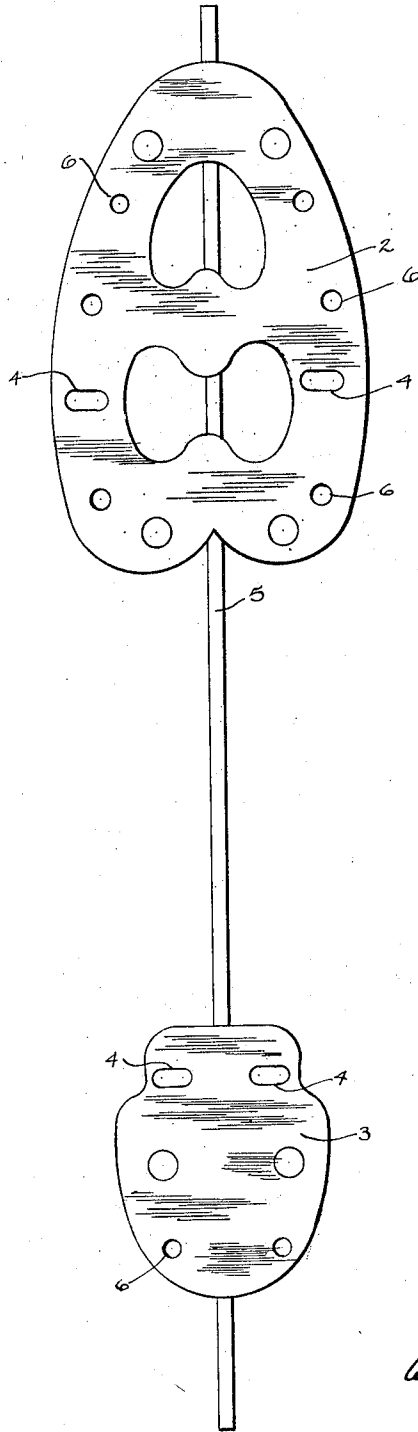


R. G. McLEAN.
SCREW-ON SKATE.
APPLICATION FILED JAN. 21, 1920.

1,355,680.

Patented Oct. 12, 1920.



Inventor
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UNITED STATES PATENT OFFICE.

ROBERT G. McLEAN, OF CHICAGO, ILLINOIS, ASSIGNOR TO WINCHESTER REPEATING ARMS CO., OF NEW HAVEN, CONNECTICUT, A CORPORATION.

SCREW-ON SKATE.

1,355,680.

Specification of Letters Patent.

Patented Oct. 12, 1920.

Application filed January 21, 1920. Serial No. 352,963.

To all whom it may concern:

Be it known that I, ROBERT G. McLEAN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Screw-on Skates; and I do hereby declare the following, when taken in connection with the accompanying drawing and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this application and represents a plan view of a skate embodying my invention.

My invention relates to an improvement in that class of skates commonly known to the trade as "screw-on" skates, for the reason that they are adapted to be fastened by screws directly to the sole and heel of the skater's shoe; the object of the present invention being to adapt a skate of the character described to be preliminarily, laterally, adjustably secured in place prior to permanent attachment to the shoe so as to enable the skater by trial and adjustment to locate the runner of the skate under the sole of his shoe at the exact point where the least strain on the ankle results.

With these ends in view, my invention consists in a screw-on skate adapted for tentative lateral adjustment upon a shoe prior to final attachment thereto.

In carrying out my invention as herein shown, the toe-plate 2 and heel-plate 3 of the skate are each formed with a pair of screw-holes 4 laterally elongated with respect to the axis of the skate-runner 5 and located on opposite sides thereof. The said plates 2 and 3 are also formed with the customary circular screw-holes 6. Otherwise than as described, the skate may be of any approved type of screw-on skates.

In using my improved skate, the same is tentatively attached by means of screws to the heel and sole of the skater's shoe by screws passing through the elongated screw-holes 4 of the toe- and heel-plates of the skate. The skater now tries out his skates and adjusts them laterally until the center of pressure of his feet lies in the planes of the runners, this being the correct position for the runners inasmuch as in such position the strain upon the ankles is reduced to the minimum. The skater, having by careful and perhaps repeated trial found the right position for the runners, then fastens the skates in place by screws passing through the screw-holes 6.

As shown, the elongated slots 4 are located opposite, or substantially opposite each other, but this is not essential though it is essential that each of the two plates shall be provided with at least one laterally elongated slot on either side of the runner.

I claim:

A screw-on skate adapted for tentative lateral adjustment upon a shoe prior to final attachment thereto, the said skate comprising heel and toe-plates and a runner, each of the said plates having circular screw-holes and each having a laterally elongated screw-hole formed directly in it on opposite sides of the runner, whereby the skate may be initially adjusted with respect to the shoe of the skater prior to immobile attachment thereto.

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

ROBERT G. McLEAN.

Witnesses:

HERBERT M. WILCOX,
O. V. SUTLIFF.