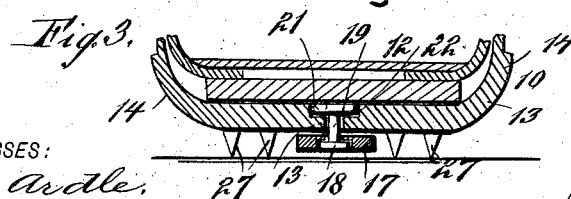
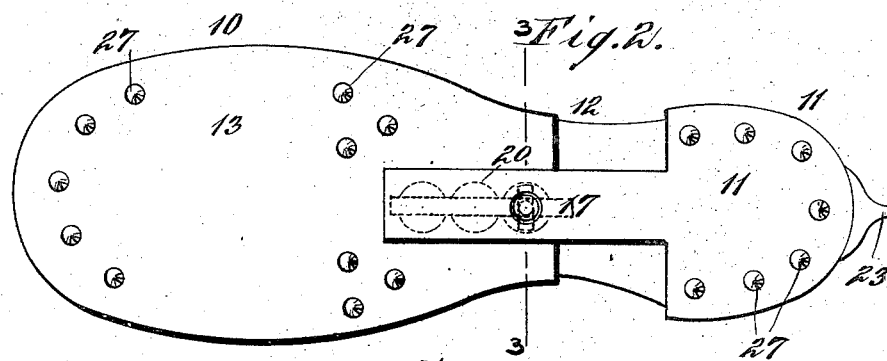
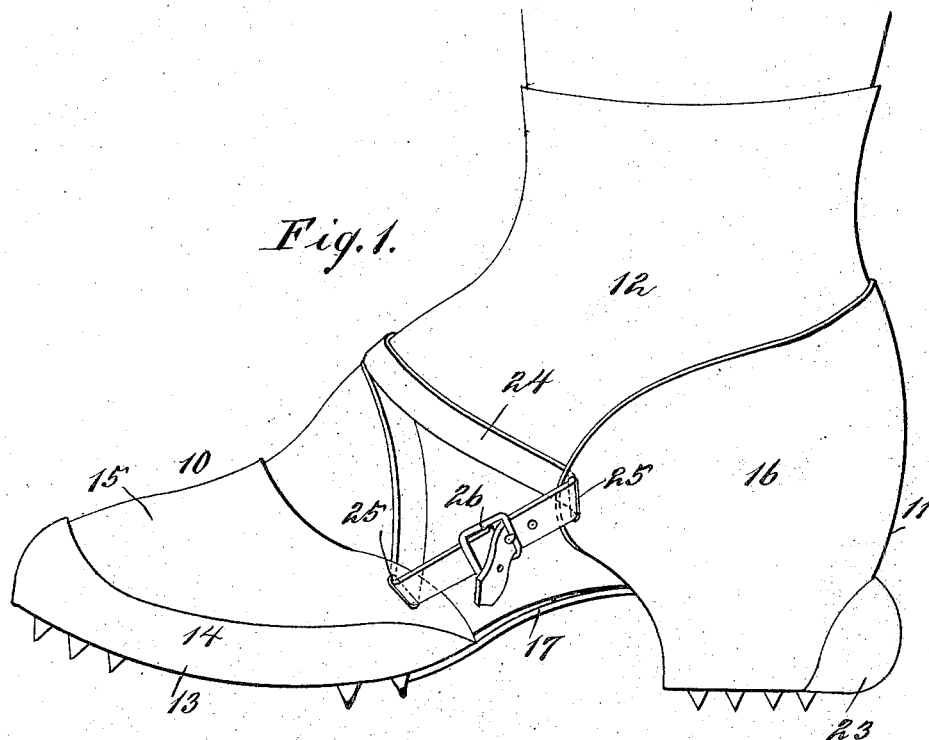


(No Model.)

J. F. COMFORT.
ICE CREEPER.

No. 492,272.

Patented Feb. 21, 1893.



WITNESSES:

F. M. Apple.

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UNITED STATES PATENT OFFICE.

JAMES F. COMFORT, OF KENDALL CREEK, PENNSYLVANIA.

ICE-CREEPER.

SPECIFICATION forming part of Letters Patent No. 492,272, dated February 21, 1893.

Application filed September 1, 1892. Serial No. 444,775. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. COMFORT, of Kendall Creek, in the county of McKean and State of Pennsylvania, have invented a new and Improved Coasting-Sandal, of which the following is a full, clear, and exact description.

My invention relates to improvements in sandals such as are adapted to be used in coasting, or in walking upon frozen snow or ice.

The object of my invention is to produce a simple form of sandal which may be easily adjusted to any ordinary sized foot, which will thoroughly protect the usual foot-wear, so that in coasting and steering the said foot-wear will remain uninjured, and which will enable the wearer to walk easily over slippery and frozen places.

To this end, my invention consists in a coasting sandal, the construction of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the device embodying my invention, showing it as applied to an ordinary shoe; Fig. 2 is an inverted plan of the same; and Fig. 3 is a cross section on the line 3—3 in Fig. 2, showing the manner of fastening the two adjustable parts of the sandal together.

The sandal is composed essentially of two opposite end portions consisting of a toe piece 10 and heel piece 11, these being adapted to fit respectively upon the toe and heel of a boot or shoe 12. The toe piece 10 has a thick bottom portion 13, which may be made of metal if desired, and this has side flanges 14, which are adapted to be secured to the flexible upper 15, which fits over the toe of the foot. The heel piece 11 has its upper portion 16 shaped to correspond with the shape of the heel or counter of the shoe, and the heel piece and toe piece are connected by a shank 17, which extends forward beneath the shank of the foot. The shank 17 carries near its front end a fastening key 18, which is composed of an upwardly extending tongue 19, held to move in a longitudinal slot 20, in the

upper portion 13 of the toe piece, and provided at its upper end with an elongated cross piece 21, which is adapted to fit in either one of a series of sockets 22, which are produced in the part 13 and with a head on its outer end fitting in a recess of the shank. It will be seen then that when the cross piece 21 is turned so as to align with the slot 20, the heel and toe pieces may be moved in relation to each other, and when the cross piece is held in one of the sockets 22, the heel and toe pieces will have relatively fixed positions.

I have shown the above as a simple means of fastening the two parts of the sandal together, but any suitable fastening devices may be used.

The sandal has at the heel and on the back side, a blade 23, which is made of metal, and which may be used to advantage in steering the sandal. The sandal is held to the foot by a strap 24, which extends over the instep of the foot and through slots 25 in the front portion of the heel piece and rear portion of the toe piece, the ends of the strap being secured together by an ordinary buckle 26. Both the heel and toe piece of the sandal are provided on the bottom with spurs 27, which project into the snow or ice and enable the wearer to walk without slipping.

From the foregoing description it will be seen that the sandal may be easily adjusted to any foot, and that it will protect the foot and enable the wearer to walk easily. In the drawings, the sandal appears unnecessarily heavy, but the parts are exaggerated to clearly show the construction.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The herein described coasting sandal, consisting of the toe piece 10 formed of the flexible upper 15, the bottom 13 provided with the flange 14 and spurs 27, the heel piece 11 having its upper portion shaped to fit upon the heel portion of a shoe and provided with the shank 17 adjustably secured to the toe piece, the spurs 27 on its bottom, and the rearwardly projecting blade 23, and the strap 24 for securing the said pieces to the foot of the wearer, substantially as described.

2. In a coasting sandal, the combination

