(No Model.)

C. MAXWELL.

ICE SANDAL.

No. 371,270. Patented Oct. 11, 1887.

Fig. 1.

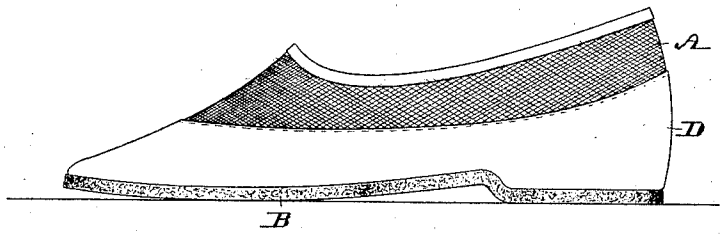


Fig. 2.

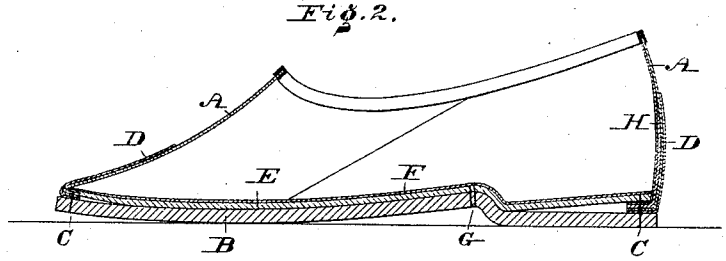


Fig. 3.

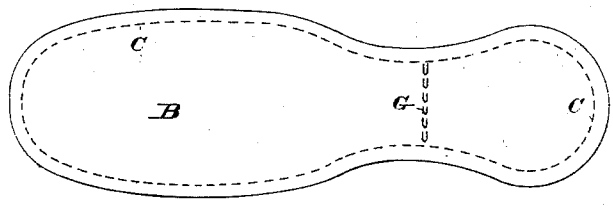
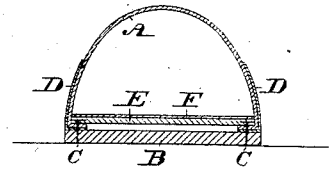


Fig. 4.



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UNITED STATES PATENT OFFICE.

CATHARINE MAXWELL, OF PHILADELPHIA, PENNSYLVANIA.

ICE-SANDAL.

SPECIFICATION forming part of Letters Patent No. 371,270, dated October 11, 1887.

Application filed December 4, 1886. Serial No. 220,639. (No model.)

To all whom it may concern:

Be it known that I, CATHARINE MAXWELL, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Ice-Sandals, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a side elevation of an ice-sandal embodying my invention. Fig. 2 represents a longitudinal section thereof. Fig. 3 represents a bottom view thereof. Fig. 4 represents a transverse section thereof.

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

My invention consists of an ice-sandal formed of an upper of knitted material, a felt sole, an insole, and rubber foxing, as will be hereinafter set forth.

Referring to the drawings, A represents the upper of the ice-sandal, the same being formed of knitted material known as "jersey-cloth," and B represents the sole, which is formed of felt and connected with the upper by stitches C.

D represents a foxing of rubber or other water-proof material, which extends around the upper and is secured to the sides of the same and fastened between the upper and sole by the stitches C.

E represents a leather insole, which is secured to the outer sole, B, by the stitches C; and F represents a lining of rubber, which is pasted or otherwise connected with the top of the insole.

In lieu of the stitches C, I may employ rubber or other cement for securing the upper, foxing, and insole to the outer sole.

In order to preserve the contour of the heel and shank portion of the sole, the same is stitched through, as at G, at the place of junction of said heel and shank, thus preventing breaking down of the sole at said place.

A suitable counter, A, is provided for evident purposes.

The sole B is formed of felt molded to conform to the tread, shank, and heel of the boot or shoe over which the sandal is worn, whereby the sandal sets nicely and is comfortable to the foot. The jersey-cloth upper is warm in its nature, and, being soft and somewhat elastic, avoids pinching of the foot. The rubber foxing is light and flexible, and by its nature prevents ice, snow, or slush that may rise above the sole from reaching the fabric upper. The felt sole is approximately water-proof, and by its frictional nature prevents slipping on the ice. The lined insole protects the foot from any moisture that may pass through the outer sole.

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

1. The herein described sandal, consisting of a molded felt outer sole, an upper of jersey-cloth, a rubber foxing surrounding said upper, and an insole, said parts being combined and operating substantially as stated.

2. An improved ice-sandal, consisting of a molded felt outer sole, an upper of jersey-cloth, a rubber foxing surrounding said upper, a lined insole, and a counter, said parts being combined and operating substantially as described.

3. An ice-sandal having a sole formed of felt molded into shape, substantially as described, stitched through at the place of junction of the heel and instep, substantially as described.

CATHARINE MAXWELL.

Witnesses:
JOHN A. WIEDERSHEIM,
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