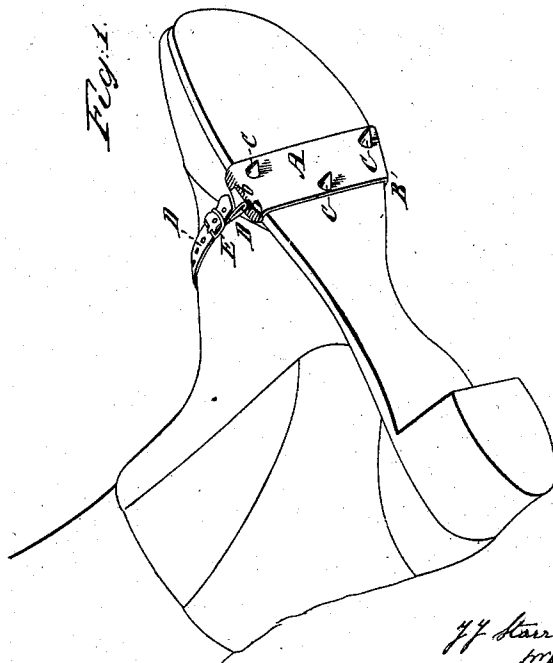
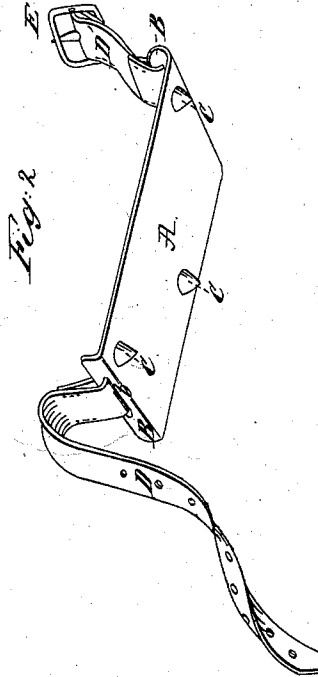


*J. J. Starr,  
Ice Creeper,*

*No. 36,866,*

*Patented Nov. 4, 1862*



*Witnesses  
H. Homan  
W. Ball*

*Inventor  
J. J. Starr  
H. Knight Pro. atty.*

# UNITED STATES PATENT OFFICE.

JOSEPH J. STARR, OF CINCINNATI, OHIO.

## IMPROVED ICE-CLOG.

Specification forming part of Letters Patent No. **36,866**, dated November 4, 1862.

*To all whom it may concern:*

Be it known that I, JOSEPH J. STARR, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Ice-Clog; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the annexed drawings, making part of this specification.

My invention has for its object a convenient attachment to a shoe to prevent slipping; and it consists in a roughened plate adapted by a pair of oblique lips, to grasp the sole just behind its widest part, so as to prevent forward dislodgment, while a strap passing from said lips over the instep prevents any displacement backward or downward.

Figure 1 represents my clog in position. Fig. 2 represents the same detached.

A is a thin narrow plate or strip of metal of trapezoidal shape, terminating in two oblique lips, B B', and armed below with several points or spurs, C. The lips B B' are slotted for the attachment of straps D D', which are

secured over the instep of the wearer by a buckle, E, or its equivalent.

This is a remarkably neat, compact, and reliable form of ice-clog, and will fit shoes of different sizes without liability to dislodgment, the strap and the oblique lips acting conjointly to prevent displacement in either direction, the former acting also to elevate the shoe from the ground.

I claim as an improved article of manufacture—

The ice-clog composed of the roughened plate A, having oblique lips B B', adapted to embrace the shoe-sole just behind its widest part and to receive straps D D', which fasten over the instep, the whole being constructed and operating as described.

In testimony of which invention I hereunto set my hand.

J. J. STARR.

Witnesses:

GEO. H. KNIGHT,  
D. W. MORRISON.