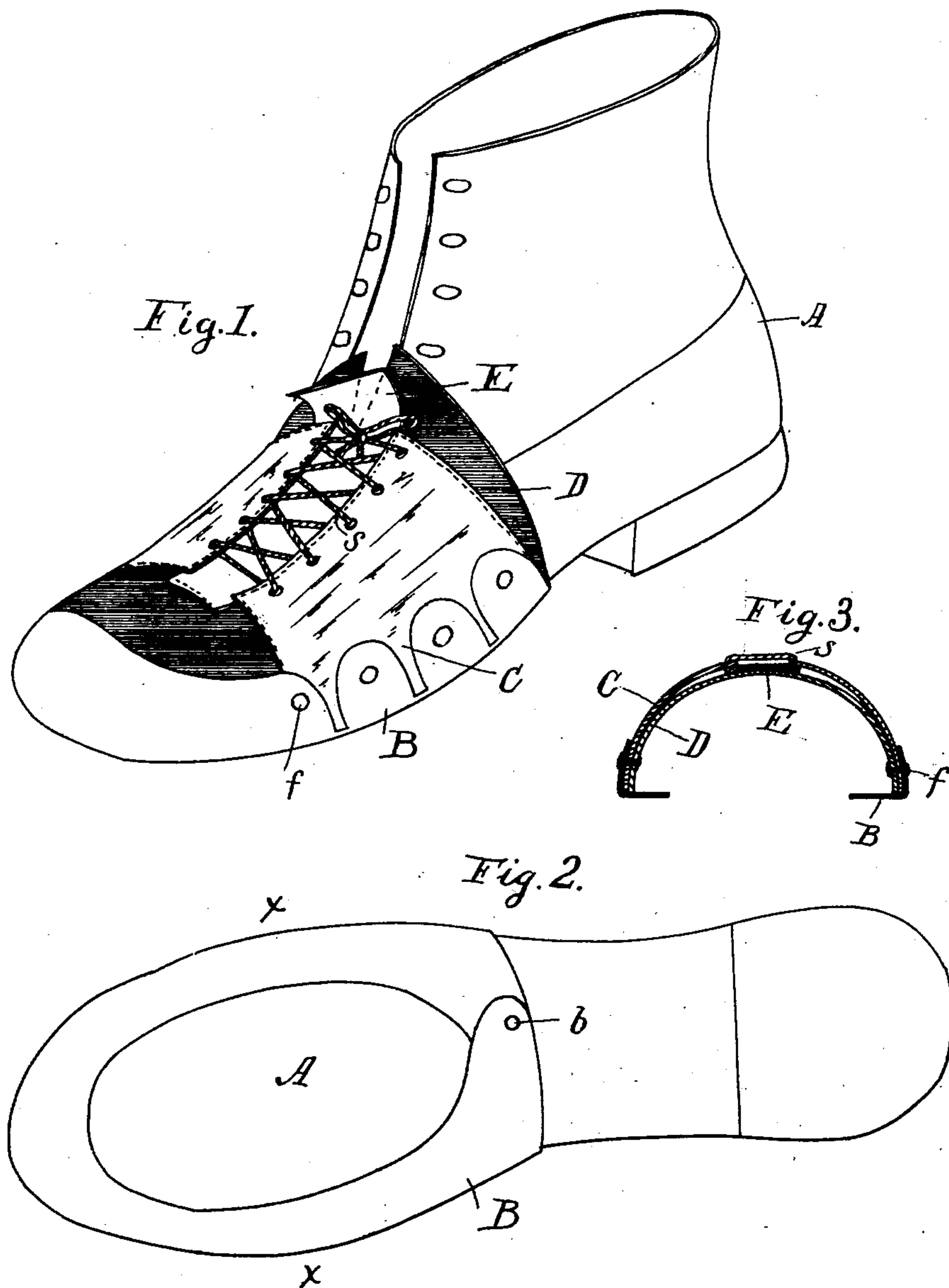


(No Model.)

J. DYER.  
SHOE PROTECTOR.

No. 591,829.

Patented Oct. 19, 1897.



Witnesses:  
*David King*  
David King

Inventor:  
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by *A. M. Bates*  
attor.

# UNITED STATES PATENT OFFICE.

JOSEPH DYER, OF FAIRFIELD, MAINE.

## SHOE-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 591,829, dated October 19, 1897.

Application filed October 28, 1896. Serial No. 610,252. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH DYER, a citizen of the United States, and a resident of Fairfield, in the county of Somerset and State of Maine, have invented a certain new and useful Improvement in Shoe-Protectors; and I hereby declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which said invention appertains to make and use the same.

My invention relates to a shoe-protector designed particularly to be applied to children's shoes for coasting, skating, and the like. It is also designed to protect the feet from the cold.

The protector as I prefer to make it consists of a rim or guard of sheet metal, preferably copper, covering the edge of the sole from the instep forward and having a horizontal flange which turns under the edge of the sole and a vertical flange which turns up around the lower portion of the upper. The rear ends of this guard are riveted or otherwise secured together in rear of the widest part of the sole, so that when the guard is in place it cannot slip forward. The guard is held against the sole by fastening straps or bands which pass up over the foot and inside of the fastening-straps, and next to the shoe is a vamp of felt or some other suitable fabric for keeping the foot warm.

I illustrate my invention by means of the accompanying drawings, in which—

Figure 1 shows a perspective view of a shoe fitted with one of my protectors. Fig. 2 is a view of the bottom of the shoe, showing the metallic guard; and Fig. 3 is a cross-section of the guard, taken on the line *x x* of Fig. 2.

A represents the shoe, and B is the metallic guard, made preferably of sheet-copper, as stated. This guard covers the entire edge of the sole, as here shown, from the instep forward around the toe, and it has a horizontal flange which extends some distance under the edge of the sole and a vertical flange which fits up around the lower portion of the upper. The ends of the guard, as here shown, overlap underneath the sole and in rear of the widest part of the sole, and the overlapping

ends are secured together by the rivet *b*. The rear portion of the guard being thus narrower than the widest part of the sole, it is prevented from slipping forward and is readily secured in place by fastening straps or bands C, which hold the guard up against the sole. The upper edges of the straps C are secured together, as here shown, by lacing *s*, or they may be buttoned or otherwise secured.

Beneath the fastening-straps and fitting closely over the shoe-upper is the vamp D, made preferably of felt, or it may be made of any warm fabric. The edges of the vamp D and the lower edges of the fastening-straps C are, as here shown, secured to the vertical flange of the guard by rivets *f*.

A tongue E is provided for closing the opening between the laced ends of the straps C.

The rear portion of the vamp is here shown as being split down for a limited distance to allow the shoe to be pushed into the protector.

The protector is adjusted on the foot by loosening the lacing *s*, pushing in the foot, and then tightening up the lacing. The guard will thus be drawn up against the sole, so that it cannot come off by slipping forward.

The device as here shown forms an efficient protector for the shoe for coasting, skating, and other rough usage to which children's shoes are subjected, and it also protects the feet from the cold as effectively as a rubber or an overshoe and is much less clumsy to wear.

I claim—

The herein-described shoe-protector consisting of a metallic guard extending around the edge of the sole from the instep forward and having a vertical and horizontal flange, the rear ends of said guard being joined in rear of the widest part of the sole, a cloth or felt vamp fitting over the shoe and inside of said guard and fastening straps or bands between said vamp and said guard, the lower edge of said vamp and the lower ends of said straps or bands being riveted or otherwise secured to said vertical flange on each side of the shoe.

JOSEPH DYER.

Witnesses:

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