

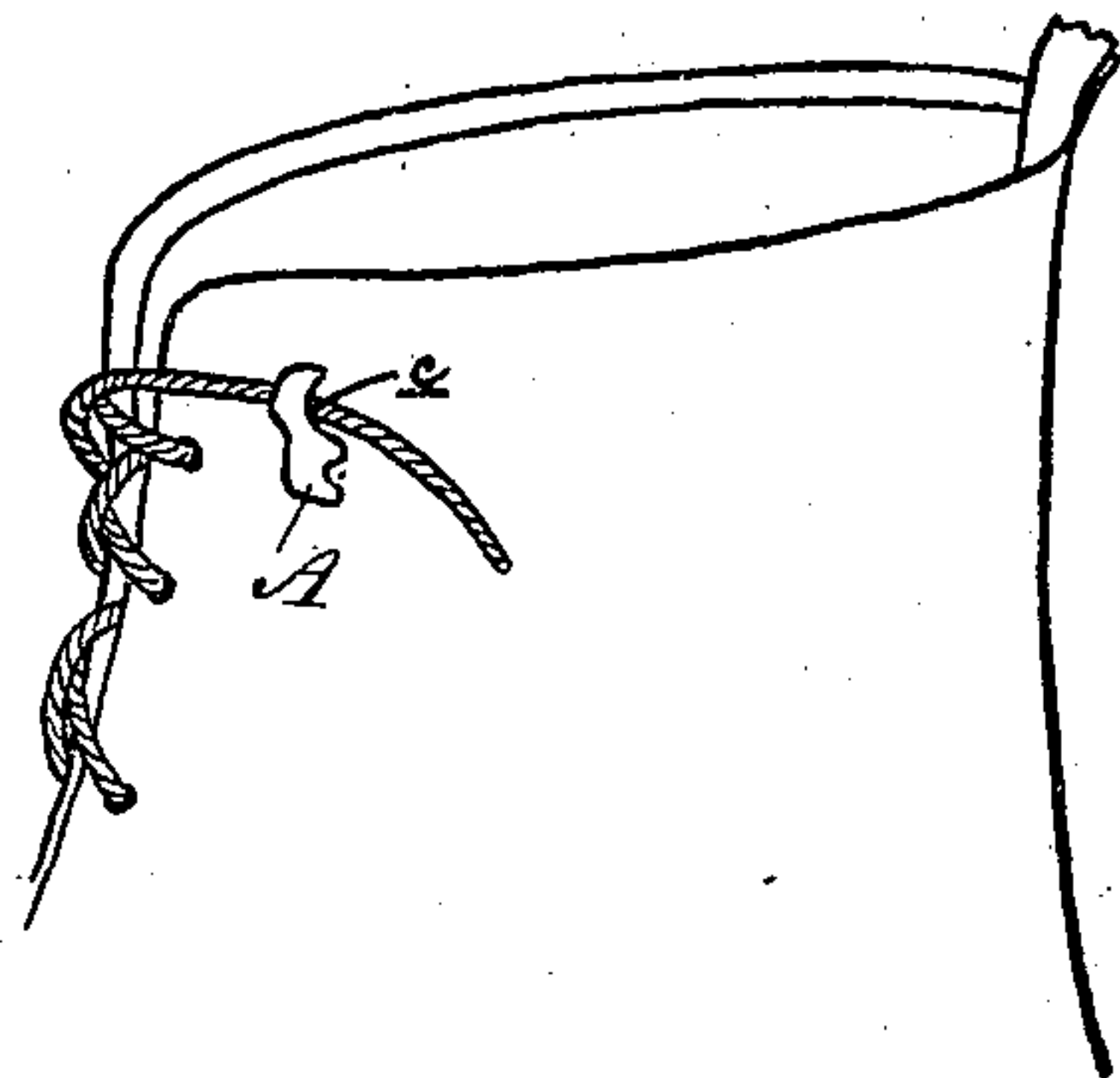
(No Model.)

C. A. SULLIVAN.  
LACE FASTENING FOR SHOES.

No. 354,874.

Patented Dec. 21, 1886.

*Fig. 1*



*Fig. 2*



*Attest:*

*John Schuman.*  
*A. J. Sprague*

*Inventor:*

*Charles A. Sullivan*

*by his Atty*

*W. L. Sprague*

# UNITED STATES PATENT OFFICE.

CHARLES A. SULLIVAN, OF WINDSOR, ONTARIO, CANADA, ASSIGNOR OF  
ONE-HALF TO EDWARD H. POTTER, OF SAME PLACE.

## LACE-FASTENING FOR SHOES.

SPECIFICATION forming part of Letters Patent No. 354,874, dated December 21, 1886.

Application filed October 14, 1886. Serial No. 216,226. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES A. SULLIVAN, of Windsor, in the county of Essex and Province of Ontario, Canada, having invented new and useful Improvements in Attachments to Shoes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to certain new and useful improvements in fastenings for shoe-lacings; and it consists in the peculiar combinations and the novel construction and adaptation of the fastening, all as more fully hereinafter described and claimed.

In the drawings, Figure 1 represents in perspective a portion of a shoe-upper provided with my improved fastening, and Fig. 2 represents the fastener detached.

A represents the fastener formed of and stamped out of a piece of metal, and provided with prongs *a*, two or more in number, three being shown, and an arm, *b*, which is bent to form a concavity, *c*, to receive the shoe string or lacing. I attach importance to this feature, whereby the lacing will not press against and hurt the foot. The end of the arm *b* bears against the leather of the upper just sufficiently to prevent the lacing from becoming displaced, and yet allow of the insertion of the latter, the elasticity of the leather aiding in this operation.

I am aware of the Patents Nos. 111,625, 198,134, and 308,569, and make no claim to the construction shown therein as forming part of my invention. It will be observed that I dispense with the base-plate of these constructions, thereby facilitating the insertion and removal of the lacing and diminishing the liability of injury to the wearer, for where the metal intervenes between the lacing and the leather the lacing cannot be so readily inserted, for the reason that the yielding must be solely on the part of the arm of the fastener, whereas by my construction the arm and the leather each yield and render the insertion of the lacing much easier. Furthermore, the pressure on the metal plate between the lacing and the shoe is more or less uncomfortable to the wearer.

What I claim as my invention is—

As an improved article of manufacture, the fastener described, consisting of a metal plate, A, comprising in a single element the prongs *a* and the arm *b*, bent in the same general direction as said prongs and provided with concavity *c*, substantially as described, and for the purpose specified.

CHARLES A. SULLIVAN.

Witnesses:

H. S. SPRAGUE,  
E. SCULLY.