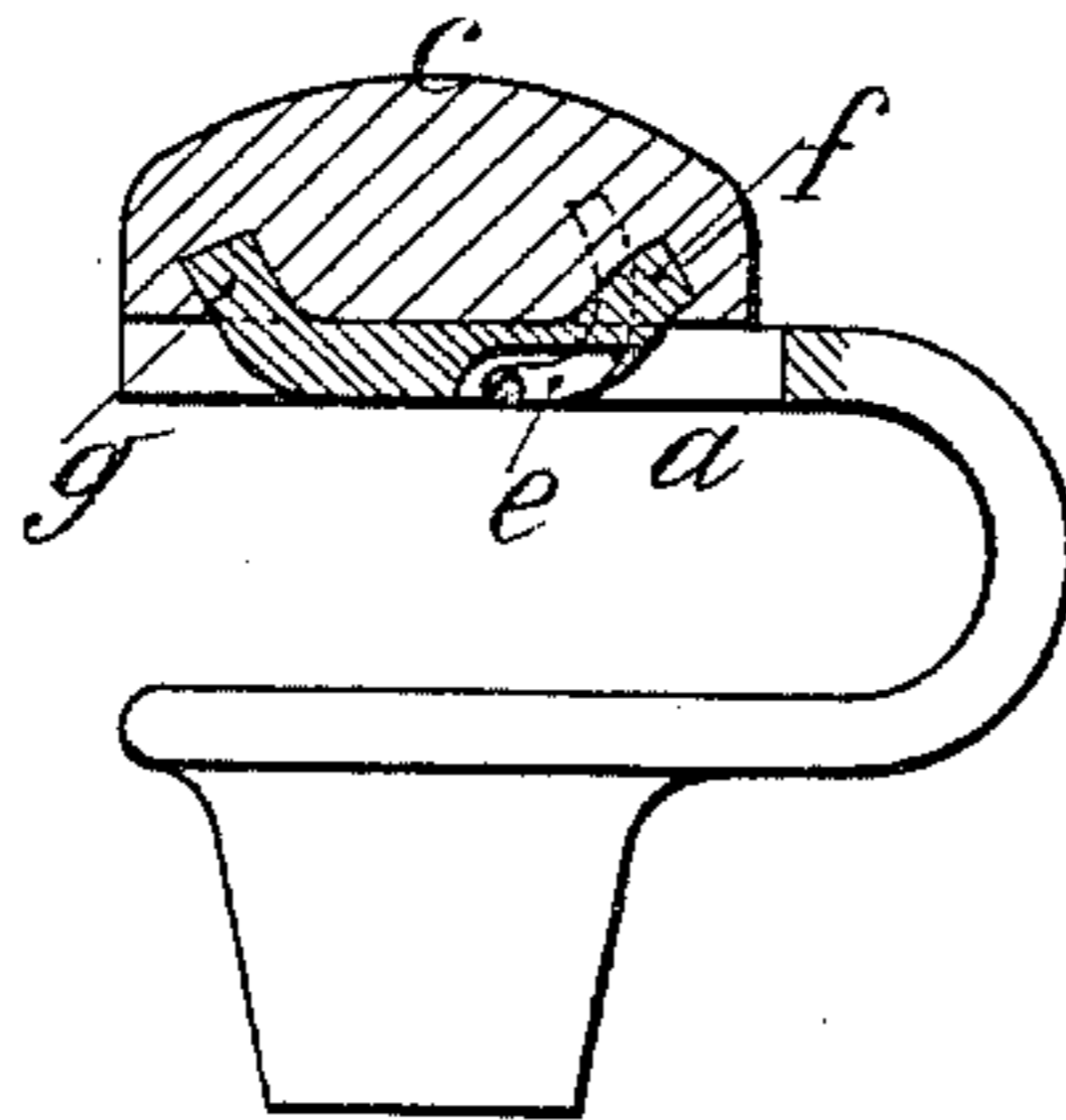


(No Model.)

L. J. E. GOURDÉ.
LACING HOOK.

No. 442,221.

Patented Dec. 9, 1890.



WITNESSES:

Henry E. Ewing.
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UNITED STATES PATENT OFFICE.

LOUIS JOSEPH EMILE GOURDÉ, OF PARIS, FRANCE.

LACING-HOOK.

SPECIFICATION forming part of Letters Patent No. 442,221, dated December 9, 1890.

Application filed July 25, 1890. Serial No. 359,906. (No model.)

To all whom it may concern:

Be it known that I, LOUIS JOSEPH EMILE GOURDÉ, of the city of Paris, France, have invented an Improved Lacing-Hook, of which the following is a full, clear, and exact description.

My invention relates to an improvement in lacing-hooks.

The object is to furnish a hook that shall have an outside surface that will not become unsightly, as will become an all-metallic hook after a very little wear. This object I accomplish by the construction illustrated by the accompanying drawing, which represents an enlarged side view of one side of the lacing-hook, partially in section.

a represents the metallic lacing-hook formed to receive the paper or composition head *c* near its top. *f g* are the tangs partially punched from the top of said hook.

e is a loop secured in the under side of the composition head *c*.

The metallic hook *a* is of an ordinary construction and carries the eyelet for securing the device to the shoe. The top of the metallic hook *a* for the purpose of my invention is made flat so as to form a base-plate, upon

which is fastened the composition head *c*. The upwardly-turned tangs *f g* engage in notches in the under side of the head *c* and are splayed in opposite directions and embedded in the substance of the head by subjecting the two parts to pressure between dies or by other suitable means whereby the two parts are secured and united.

In my construction there is supplied to the composition head *c* a wire loop *e*, similar to that of an ordinary button-shank. Through this loop one of the tangs *f* or *g* is passed and pressure then applied, so that the tangs and the ends of the loop are forced into the substance of the head *c*.

What I claim is—

The combination of a metallic lacing-hook *a* with the tangs *f g* and the composition head *c* with the loop *e*, all substantially as described.

The foregoing specification of my improved lacing-hook signed by me this 2d day of July, 1890.

LOUIS JOSEPH EMILE GOURDÉ.

Witnesses:

R. J. PRESTON,
ALBERT MOREAU.