

A. KLINGER.

Shoe Fastener.

No. 123,405.

Patented Feb. 6, 1872.

Fig. 1

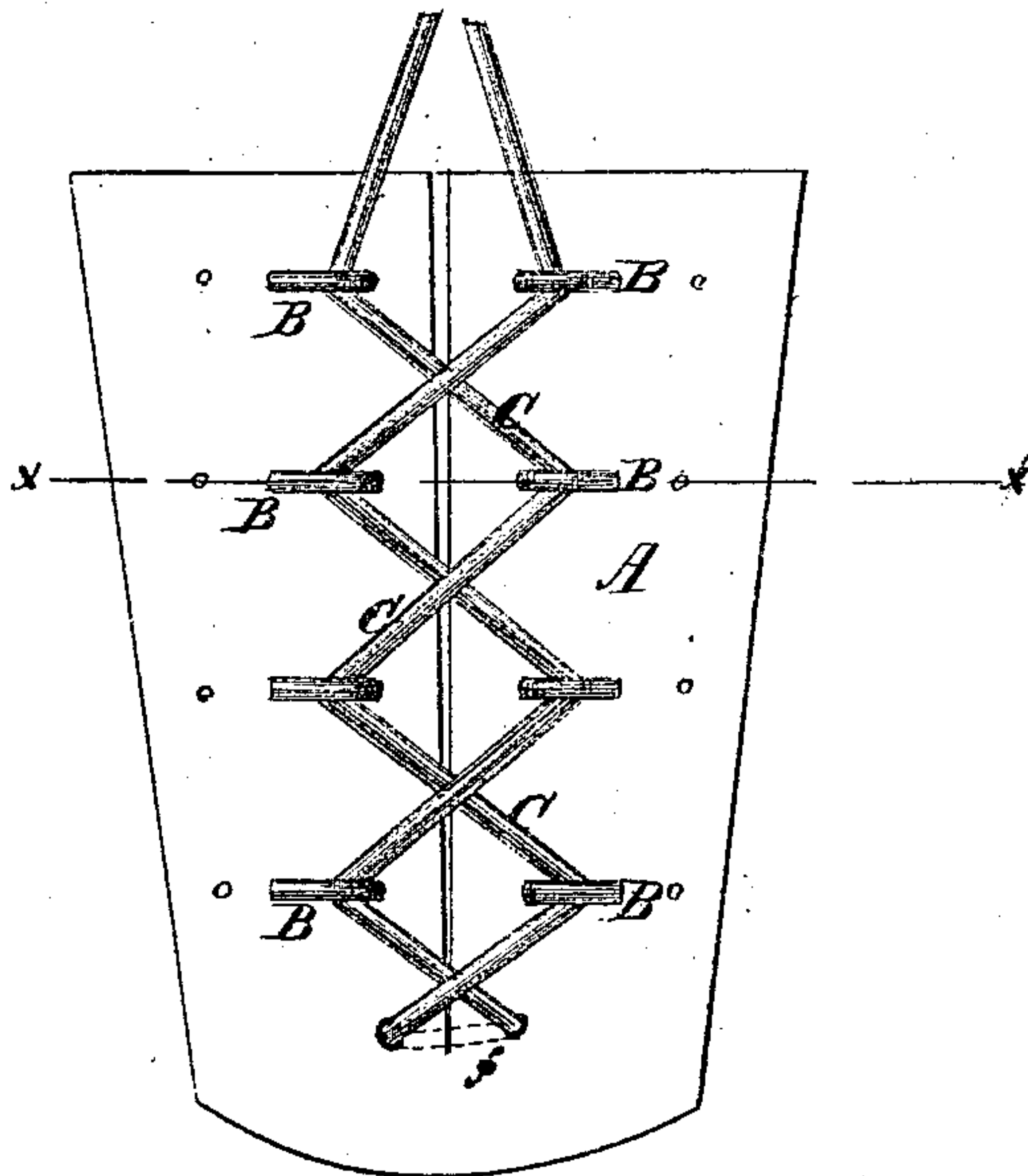
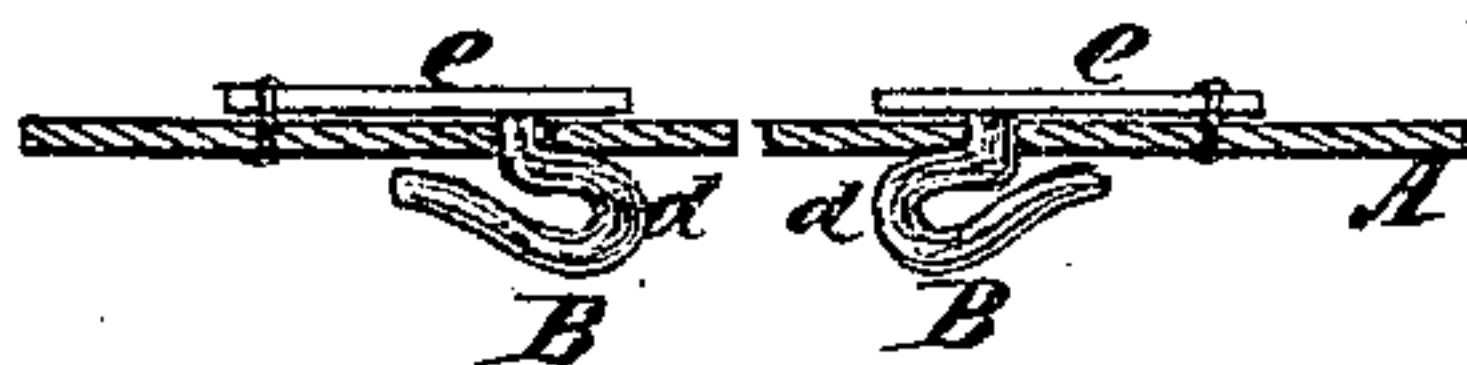


Fig. 2.



Witnesses:

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# UNITED STATES PATENT OFFICE.

ALEXANDER KLINGER, OF CALIFORNIA, MISSOURI.

## IMPROVEMENT IN SHOE-FASTENERS.

Specification forming part of Letters Patent No. 123,405, dated February 6, 1872.

Specification describing an Improvement in Shoe-Fastener, invented by ALEXANDER KLINGER, of California, in the county of Montean and State of Missouri.

My invention aims at providing for shoes and gaiters a hook attachment to receive the latchet or lacing-string, which is so applied to the shoe or gaiter and secured to a metal plate as to avoid certain objections to other hook attachments, and attain advantages highly desirable in the manufacture of shoes.

In the accompanying drawing, Figure 1 represents a top or plan view of a shoe with the hooks and latchet applied thereto according to my invention. Fig. 2 is a cross-section of Fig. 1 taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

A represents the shoe; B, the hooks; and C, the latchet or string. The hook consists of two pieces, the hook *d* and the plate *e*; the latter being the means by which it is fastened to the leather of the shoe. The two parts *d* and *e* are fastened together by riveting, after the shank of the hook has been passed through the leather, as seen in Fig. 2. The outer end of the plate may then be secured to the leather by a rivet, as seen in the drawing. This rivet keeps the hook in its proper position

when the string is not fastened, but is not deemed indispensable, as the string or latchet, when the string is adjusted to the hooks, will be drawn so as to stand horizontal, as seen in Fig. 1. The latchet is passed through the leather at the bottom of the slit, as seen at *f*, and then drawn into the hooks as represented. The part *d* is round wire, and the plate *e* is thin sheet-metal.

Thus constructed and applied the device *d e* retains itself in place without aid of any other means, and the leather is punctured in but one place, (which is not done by a flat or cutting-blade.) The cheapness of such attachment, the absence of all liability to injure the shoe to which it is applied, and its capability of retaining itself in place, recommend it above others heretofore used or known.

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

The device consisting of the plate *e* and hook *d*, constructed and applied to the shoe A, as shown and described.

ALEXANDER KLINGER.

Witnesses:

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