

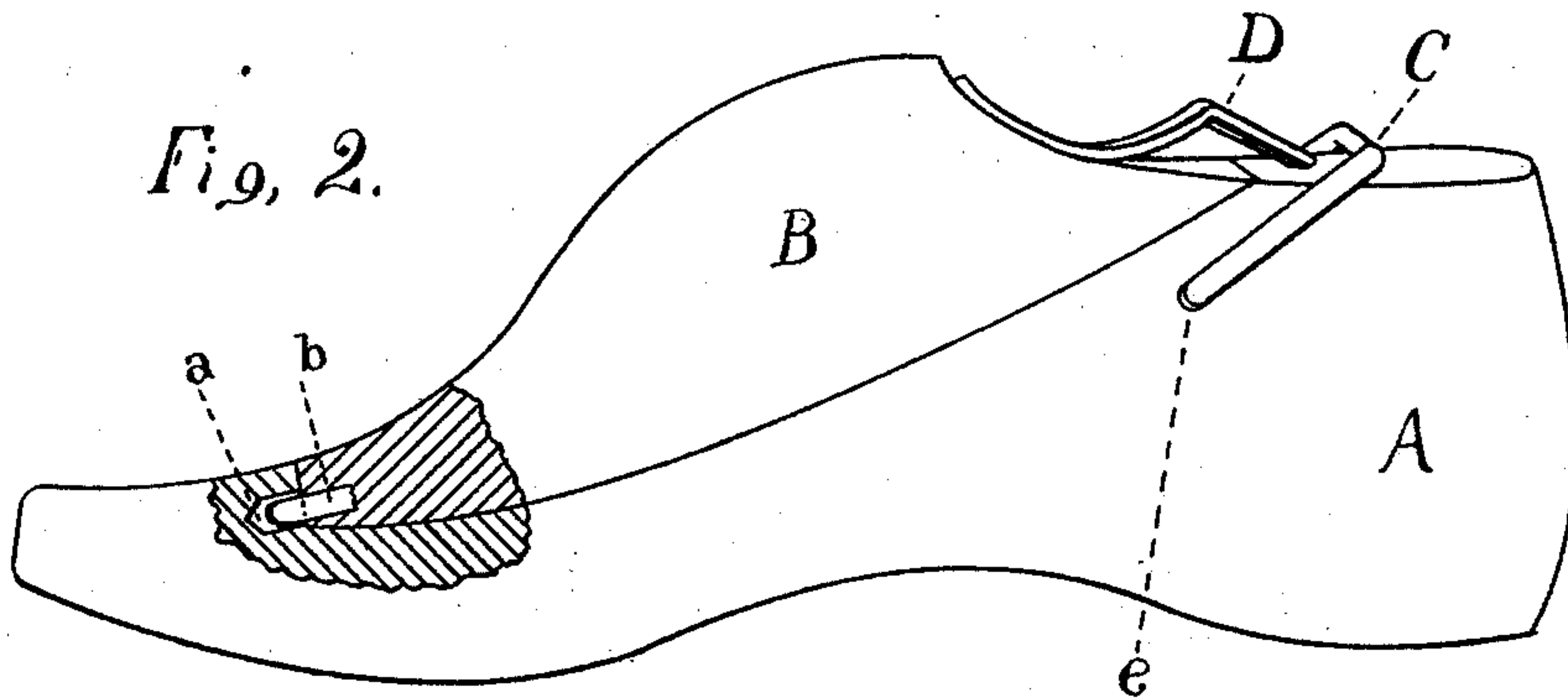
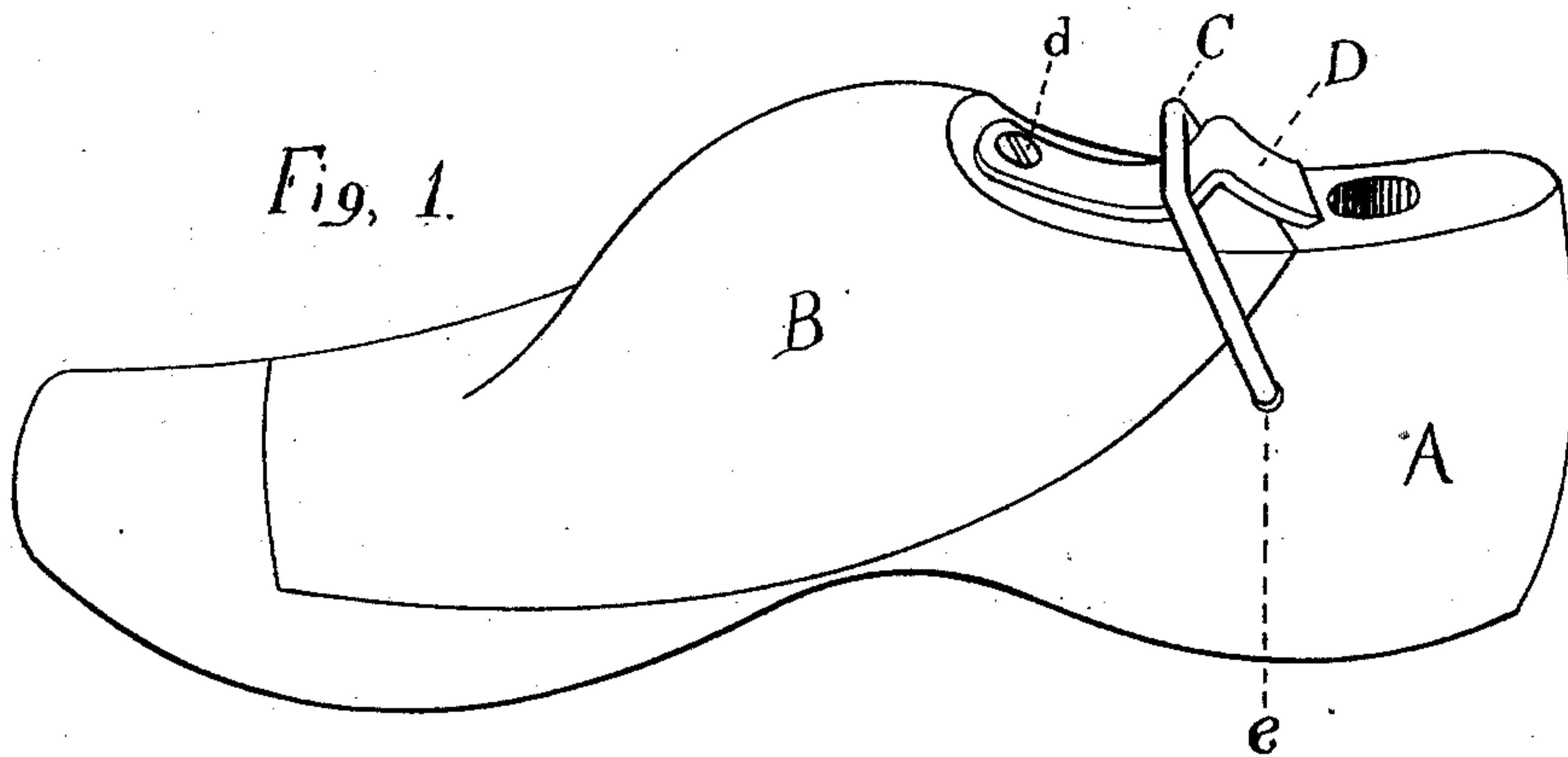
(No Model.)

E. S. HAY.

LAST BLOCK FASTENING.

No. 341,478.

Patented May 11, 1886.



Witnesses:
C. F. Stackpole,
J. A. W. Shock.

Inventor:
Edward S. Hay

UNITED STATES PATENT OFFICE.

EDWARD S. HAY, OF LYNN, MASSACHUSETTS.

LAST-BLOCK FASTENING.

SPECIFICATION forming part of Letters Patent No. 341,478, dated May 11, 1886.

Application filed February 9, 1886. Serial No. 191,385. (No model.)

To all whom it may concern:

Be it known that I, EDWARD S. HAY, a citizen of the United States, residing at Lynn, in the county of Essex and State of Massachusetts, have invented a new and useful Last-Block Fastener, of which the following is a specification.

The blocks of lasts in common use are frequently lost off, thereby causing great inconvenience and loss.

The object of my invention is to obviate this difficulty by fastening the block securely to the last in such a manner that it may be readily detached when necessary. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the last and block with the block fastened to the last; and Fig. 2, a view of the same with the block unfastened, and with the lower end of the block and the toe of the last in section, showing the manner of fastening those parts together.

Similar letters refer to similar parts throughout the several views.

In the accompanying drawings, A is the last, and B the block. C is a swinging clasp, which passes over the top of the last, extending down each side to the holes *e*, in which it is hung. D is a piece of spring metal, attached to the top of the block B by the screw *d*, for the purpose of engaging the clasp C. The spring should be bent into something the form of an inverted V, as shown, so that when the clasp C is pushed over the high part of it it will be securely held in place. The holes *e*, in which the clasp C is hung, should be nearly under the center of the spring D. The lower end of

the block B is provided with a pin, *b*, which fits into a corresponding recess, *a*, in the toe of the last A. When the block is to be attached to the last, the pin *b* is inserted in the recess *a*, which brings the block into its proper position on the last and secures the lower part of the block, and the clasp C is swung up over the spring D into the position shown in Fig. 1, in which position it is held by the shape of the spring.

To detach the block from the last, the process is reversed, the clasp C being swung back into the position shown in Fig. 2, and the pin *b* pulled out of the recess *a*.

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

1. A last-block fastener consisting of the pin *b* and recess *a*, for securing the lower part of the block, and the spring D and clasp C, for securing the upper part of the block, all substantially as shown, and for the purpose described.

2. A last-block fastener having a swinging clasp, C, attached to the body of the last, and a spring, D, attached to the top of the last-block, to engage said clasp, substantially as described.

3. In a last-block fastener, the swinging clasp C, adapted to swing over the top of the last-block B, in combination with means, as spring D, for engaging said clasp, substantially as described.

EDWARD S. HAY.

Witnesses:

WILLIAM F. HUTCHINSON,
W. B. HUTCHINSON.