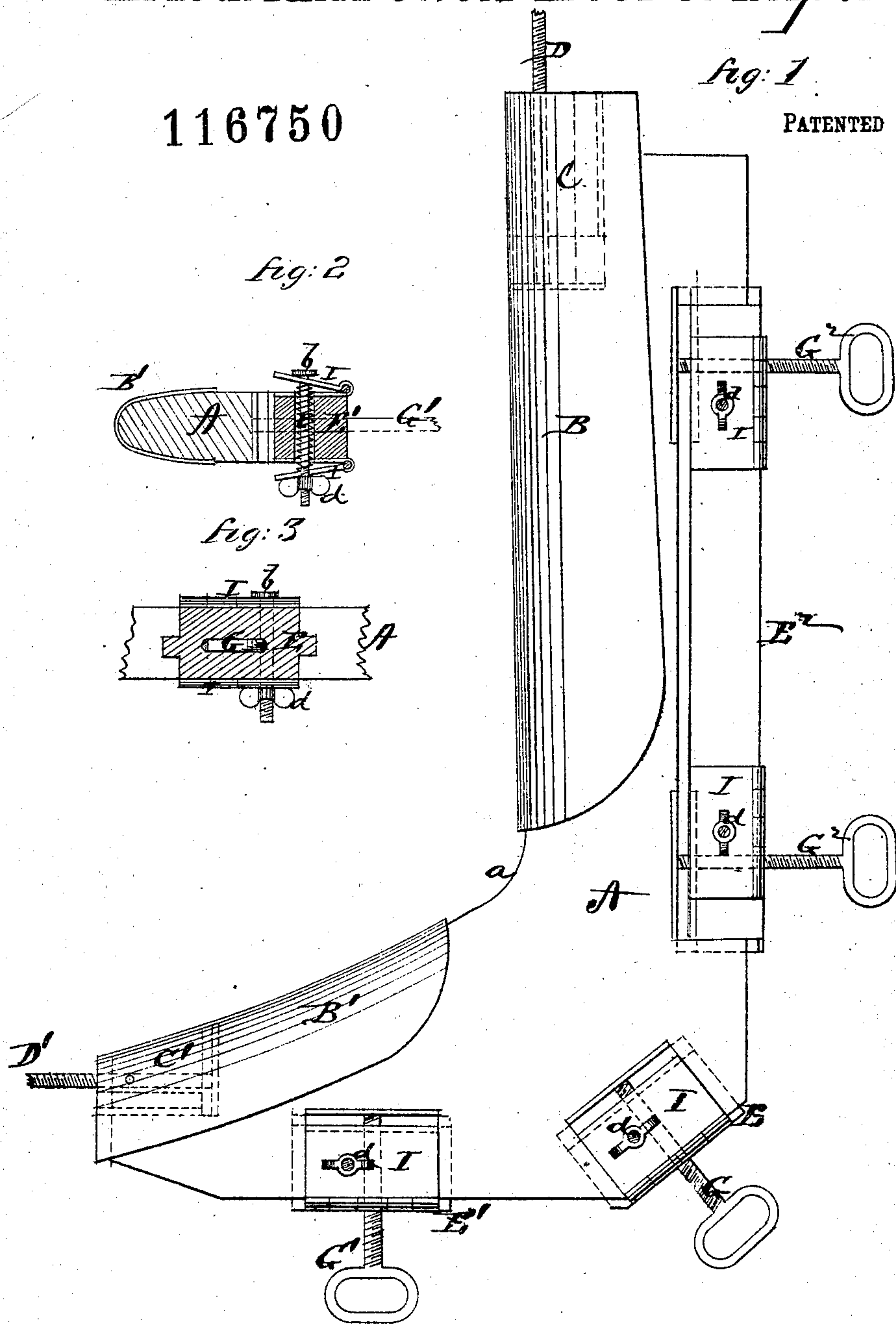


Elcanah Powell's Boot Crimper

116750

PATENTED JUL 4 1871



Witnesses.

Inventor.

A. A. Ventman,
C. L. Smith

Elcanah Powell
per
Alexander Massey

Attest

UNITED STATES PATENT OFFICE.

ELCANAH POWELL, OF NEW LONDON, INDIANA.

IMPROVEMENT IN BOOT-CRIMPERS.

Specification forming part of Letters Patent No. 116,750, dated July 4, 1871.

To all whom it may concern:

Be it known that I, ELCANAH POWELL, of New London, in the county of Howard and in the State of Indiana, have invented certain new and useful Improvements in Boot-Crimpers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a boot-crimper, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of my entire boot-crimper, and Figs. 2 and 3 are detached sections of the same.

A represents the crimping-board, having a piece of metal, B, bent to fit the board on the front of the leg. This metal piece B is attached to a block, C, which is movable in grooves made in the board. The block C is moved by a screw, D, which draws the metal up, and serves to take the wrinkles from the front of the leg of the boot in crimping. A similar piece, B', of metal is placed upon the foot of the crimping-board, attached to a sliding block, C', and operated by a screw, D', to remove the wrinkles from the foot of the boot. *a* is the short crook in the board, and the object is to draw the leather in every direction from this point, and by so doing a well-crimped boot is obtained. On the back of the

crimping-board are three blocks, E, E¹, and E², operated by screws G, G¹, and G², respectively. The block E draws the leather directly to the heel from *a*, which is very important in crimping boots; the second block, E¹, serves to draw the leather down at the bottom of the foot, while the block E² serves to draw out the leather on the leg of the boot. The blocks E, E¹, and E² are all provided with clamps I I to hold the leather to the blocks. Each of these clamps consists of two plates, one on each side of the block, hinged at the outer edges, and a bolt, *b*, passing through the same and through the block, with a thumb-nut, *d*, on the end of the bolt to close the clamp. Surrounding the bolt *b*, within the block, is a spiral spring, *e*, as shown in Fig. 2, which serves to open the clamp as soon as the nut is loosened.

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

1. The clamp I, consisting of two hinged plates, with bolt *b*, nut *d*, and spring *e*, constructed and arranged substantially as and for the purposes herein set forth.

2. The blocks E E¹ E² provided with clamps I I, as shown and described, and operated upon the back of a crimping-board by means of the screws G G¹ G², substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of March, 1871.

ELCANAH POWELL.

Witnesses:

JAMES H. ARNETT,
HENRY HUNT.