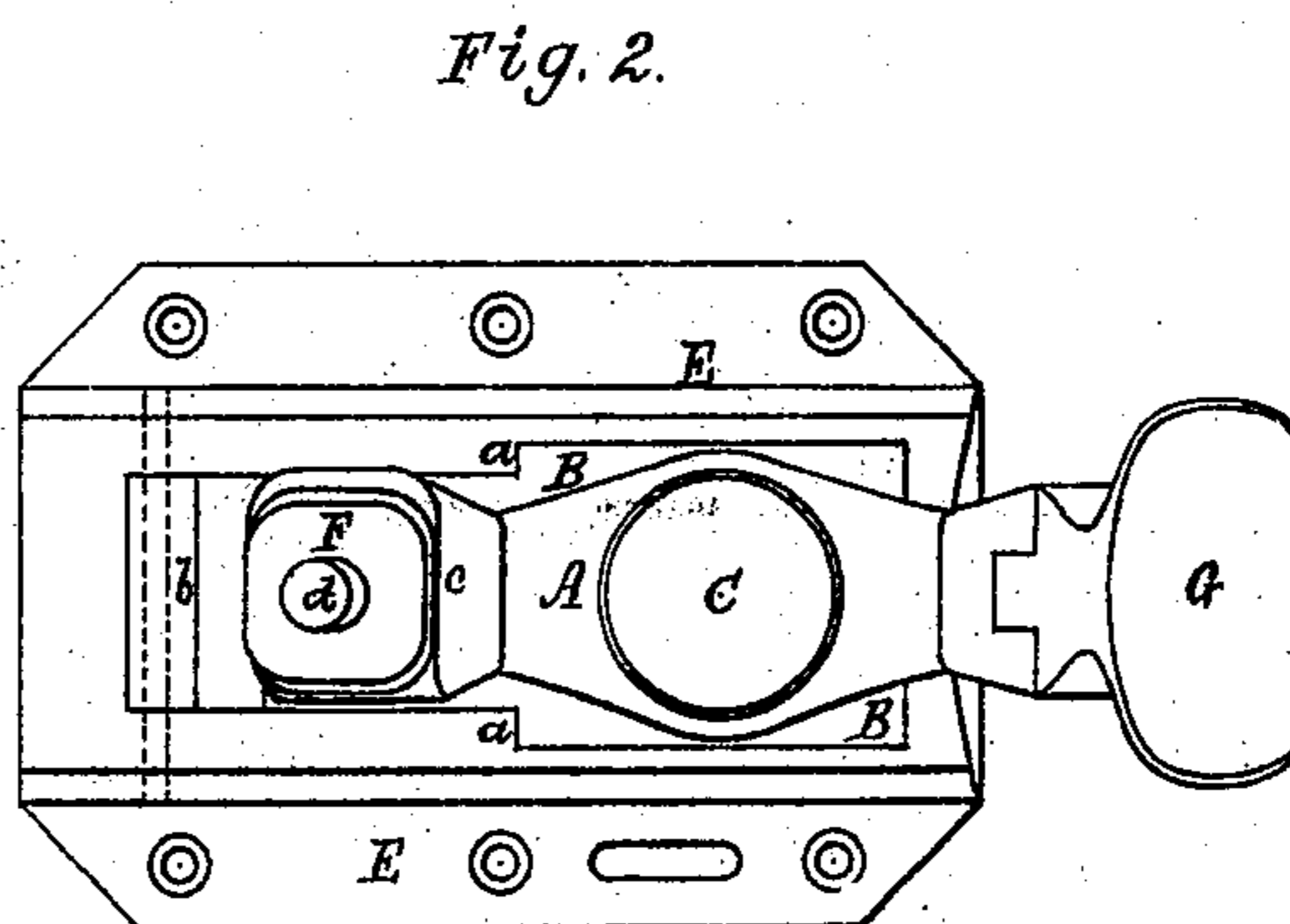
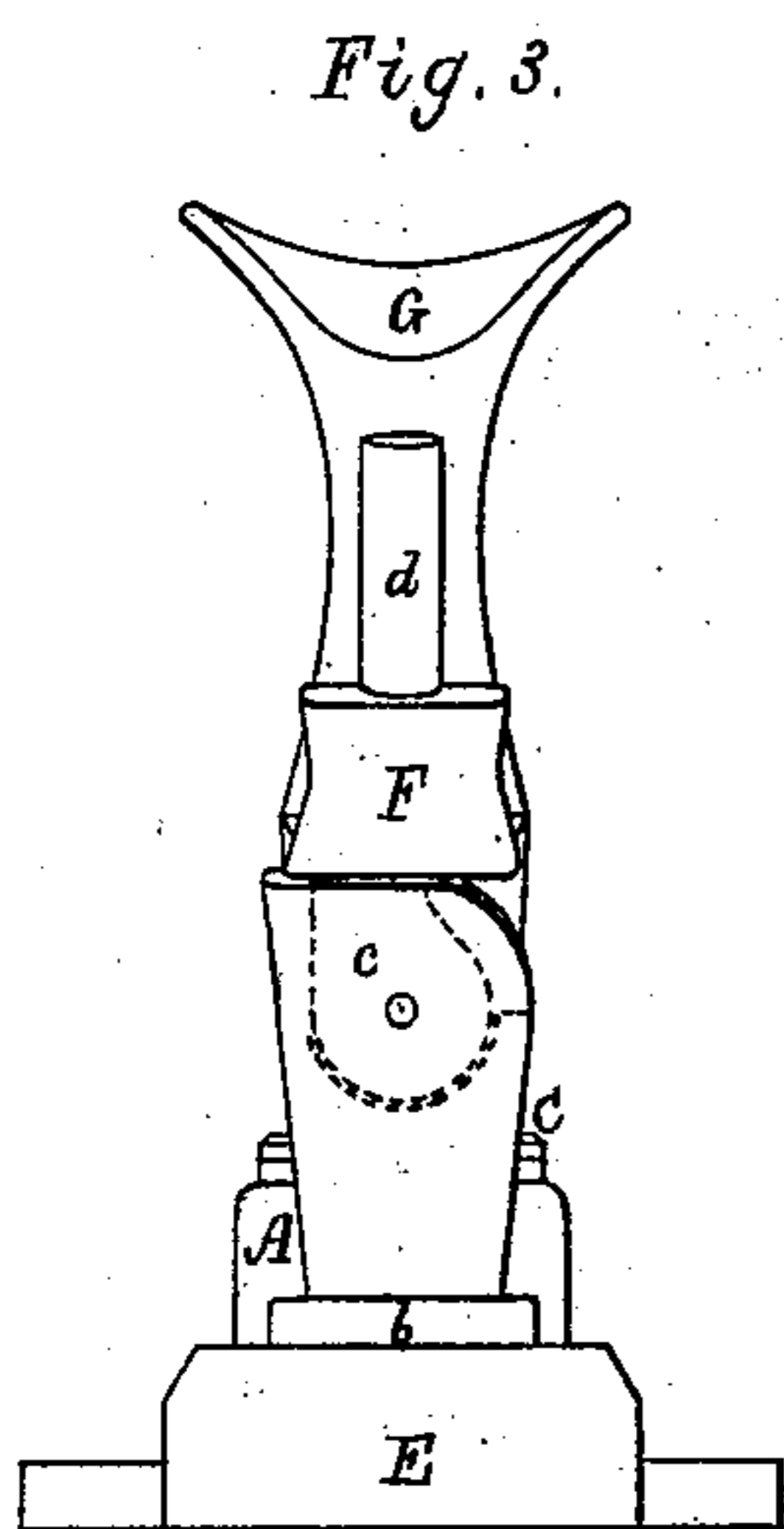
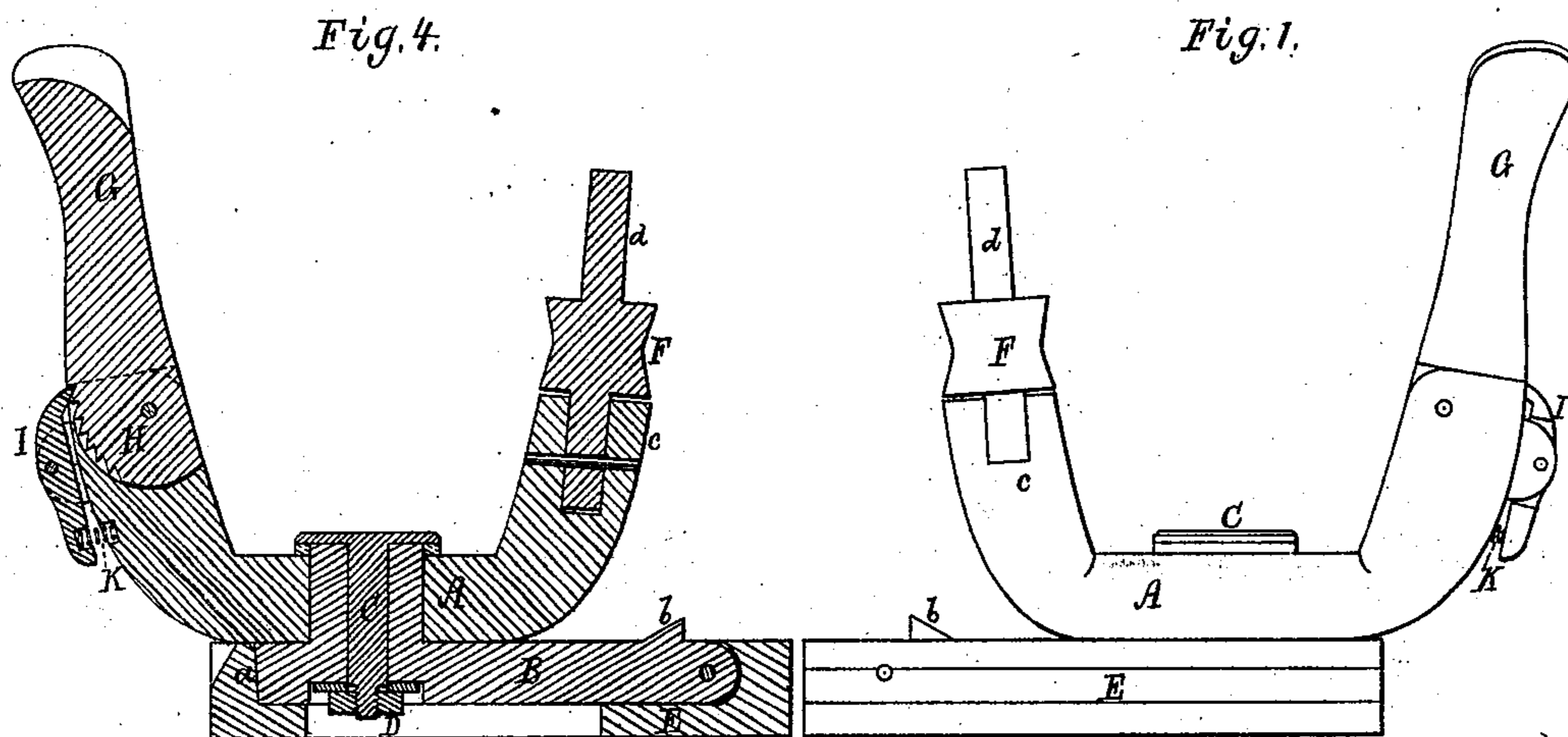


E. J. E. ROLLINS.
Lasting Jacks for Boots and Shoes.

No. 209,986.

Patented Nov. 19, 1878.



Witnesses.
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UNITED STATES PATENT OFFICE.

EDWIN J. E. ROLLINS, OF ALTON, NEW HAMPSHIRE.

IMPROVEMENT IN LASTING-JACKS FOR BOOTS AND SHOES.

Specification forming part of Letters Patent No. **209,986**, dated November 19, 1878; application filed October 21, 1878.

To all whom it may concern:

Be it known that I, EDWIN J. E. ROLLINS, of Alton, of the county of Belknap and State of New Hampshire, have invented a new and useful Improvement in Shoemakers' Jacks; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, Fig. 2 a top view, Fig. 3 a rear end view, and Fig. 4 a longitudinal section, of a jack embodying my invention.

In carrying out my improvement I provide the jack with an auxiliary heel-rest, and hinge the main heel-rest thereto, so as to enable it to be turned laterally off or on such auxiliary rest, all being substantially as set forth. Furthermore, in connection therewith, I hinge the toe-rest to the body of the jack, and provide them with a lever-latch and a curved toothed rack or sector, such being to enable the toe-rest to be adjusted to different positions relatively to either heel-rest.

The body of the jack at its middle is pivoted to a support-piece, which is hinged to the base-plate, and provided with a stop, the latter being to maintain the support-plate in position when raised into a right angle to the base-plate.

In the drawings, A denotes the body of the jack, B the support-plate thereof, and C the pivotal screw-bolt connecting the two, such bolt having screwed on it a nut, D. The support-plate near its rear end is pivoted or hinged to the base-plate E, and when down closes into a recess, *a*, made therein to receive it. Such support-plate has a projection or lip, *b*, arranged upon it, as shown, which, when the plate is in a vertical position, or about so, abuts against the base-plate and estops the support-plate thereon.

The rear end *c* of the body is what I term the "auxiliary-last heel-rest," the main-last heel-rest F, provided with the last-support pin, *d*, being so hinged to the auxiliary rest or part in which it is made as to enable it (the said main rest) to be turned down laterally, so as to uncover the auxiliary rest sufficiently to enable it to support a shoe-last when inverted

and placed thereon, so that the toe part of the last may be on the toe-rest G. Such toe-rest G is also hinged to the rotary jack-body, and provided with a toothed sector, H, to receive a lever latch or pawl, I, which, hinged to the body, is provided with a spring, K, to press it (the said latch) into engagement with the sector, all being as represented.

The purpose of having the auxiliary-last heel-rest arranged and combined with the main-last heel-rest in manner as described is to facilitate the operations of applying an "insole" or an upper to a last.

In using the jack, the last is first inverted and placed on the toe-rest and the auxiliary heel-rest, the main heel-rest being previously turned down, so as to uncover the auxiliary rest. This having been done, the insole is next to be applied in the usual way to the last, after which the latter is to be raised and inserted within the upper. The main rest is next to be turned up, and the last is to be applied thereto and the toe-rest, or, in other words, should be "jacked" for the fixation of the upper to the insole. Thus by my improvement I save the usual "jacking" and "unjacking" the last for the application of the insole to it preparatory to "jacking" it with the upper on it. Furthermore, by turning the main rest laterally relatively to the jack-body when its support-piece is turned up, I am enabled to put the last into different or more convenient positions for trimming or finishing the sole or upper than could be accomplished were the main rest stationary relatively to the body. So, by having the toe-rest movable, as described, in respect to the body, and also having the body provided with the main heel-rest, hinged to the body, as set forth, the toe-rest can be adjusted to the last when inclined with the heel-rest.

What I claim as my invention is as follows, viz:

1. The shoe-jack body as provided with the auxiliary-last heel-rest *c*, and with the main-last heel-rest arranged therewith and hinged thereto, substantially as specified.

2. The shoe-jack body as provided with the main and auxiliary last heel-rests, and the adjustable toe-rest, arranged with and ap-

plied to the said body, substantially as set forth.

3. The combination of the body-support plate, its lip, and the recessed base-plate (arranged and applied as set forth) with the jack-body pivoted to the support-plate, and provided with the main and auxiliary last

heel-rests, and the adjustable toe-rest, arranged with and applied to it (the said body) as specified.

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Witnesses:

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