F. WEISSENBORN.

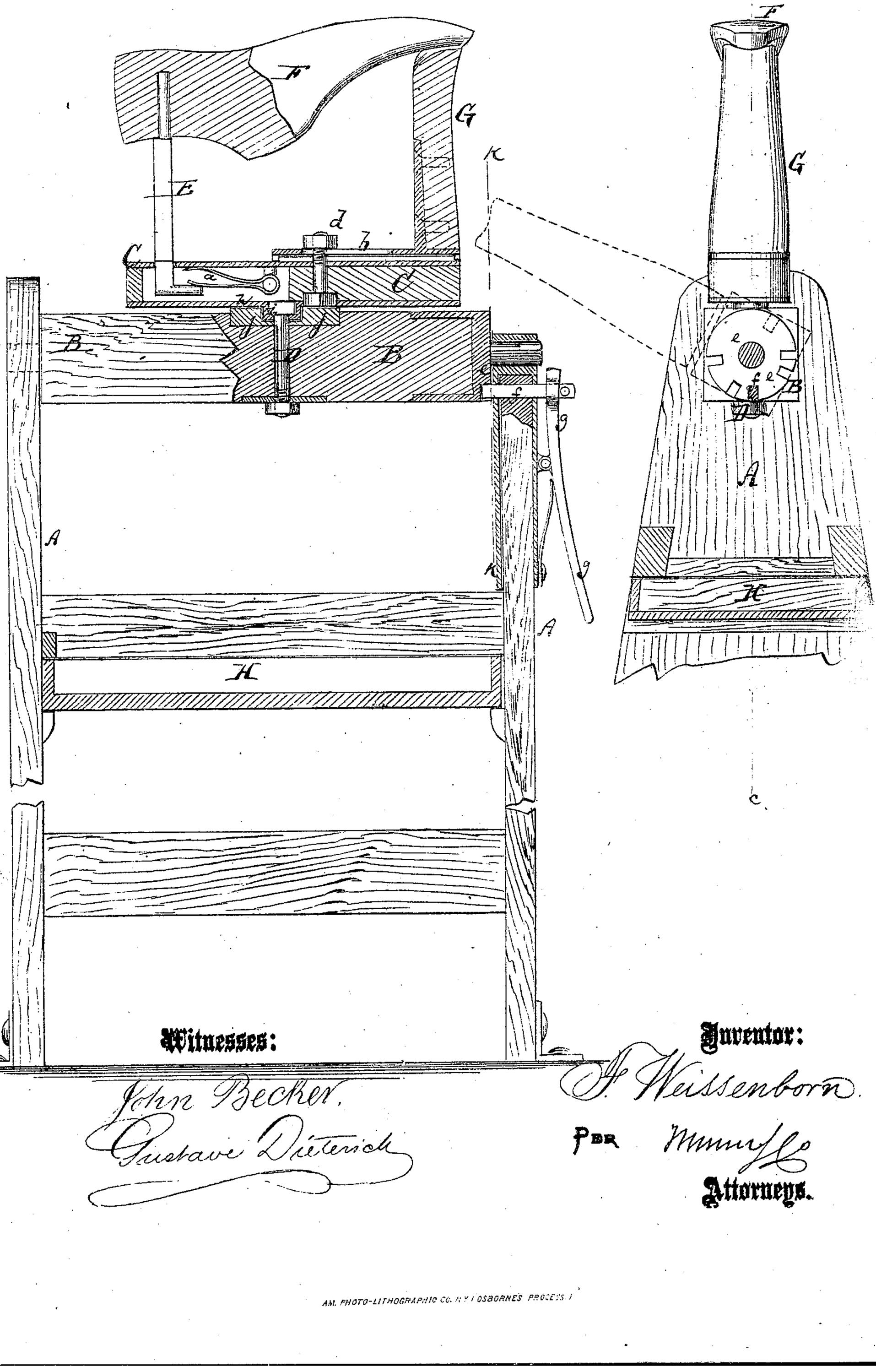
Improvement in Shoemakers Jacks.

Fig. 1.

No. 119,675.

Fig. 2.

Patented Oct. 3, 1871.



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UNITED STATES PATENT OFFICE.

FRANZ WEISSENBORN, OF EGG HARBOR CITY, NEW JERSEY.

IMPROVEMENT IN SHOEMAKERS' JACKS.

Specification forming part of Letters Patent No. 119,675, dated October 3, 1871.

To all whom it may concern:

Be it known that I, FRANZ WEISSENBORN, of Egg Harbor City, in the county of Atlantic and State of New Jersey, have invented a new and Improved Shoemakers' Jack; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a side elevation, partly in section, of my improved shoemakers' jack, the line *c c*, Fig. 2, indicating the plane of section. Fig. 2 is a detail transverse section of the same on the line *k k*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention consists in the improvement of shoemakers' jacks, as hereinafter fully described and subsequently pointed out in the claim.

A in the drawing represents the frame of the jack, secured at its lower end to the floor of the apartment in which it is put up. B is a cross-beam, journaled at its ends in the upper end of the frame A. C is the jack, swiveled by a bolt or pin, D, to the cross-beam. E is the post for supporting the last F. It is fitted into the jack C in such manner that it may be swung more or less outward or inward, a spring, *a*, which is concealed within the jack, holding it inward—that is, vertical to the face of the jack. G is the rest for supporting the toe of the last. It is provided with a slotted plate, *b*, projecting toward the post E and fastened to the jack by a bolt, *d*, that penetrates said plate *b*. The rest is thus adjustable on the jack to admit of longer or shorter lasts. The plate *b*, projecting under the last, is out of the way of threads or other things used in the manipulation of boots or shoes. One end of the cross-piece B carries a notched tooth or segment, *e*, into which a spring-bolt, *f*, sliding in a post of the frame A, is locked for securing the cross-piece in any desired position. A handle, *g*, for withdrawing the bolt from the segment, projects downward, so that the shoemaker can reach it with the knee, permitting him thus to turn the last to the right or left without taking the hands from the work.

The last can, on the horizontal axis of the cross-beam B and on the vertical axis of the swivel-jack, be conveniently turned in either direction to bring the boot or shoe in the most convenient position for handling. The bolt *d*, it will be seen, passes only through the metallic bottom plate *h* of the jack, said plate having a cylindrical depression, *i*, fitting into a cavity of a plate, *j*, that is secured in the cross-beam. When the jack is turned on the cross-beam it turns in the plate *j*, leaving the bolt entirely undisturbed, and preventing thereby the jarring and working off of the nut at the lower end of said block.

H is a receptacle or drawer for holding tools, findings, &c.

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

The notched tooth *e*, spring-bolt *f*, and lever *g*, arranged with respect to the frame A and beam B, as and for the purpose specified.

FRANZ WEISSENBORN.

Witnesses:

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