L. L. Coon,

Pegging Jack,

No. 54,691. Patented May 15, 1866.

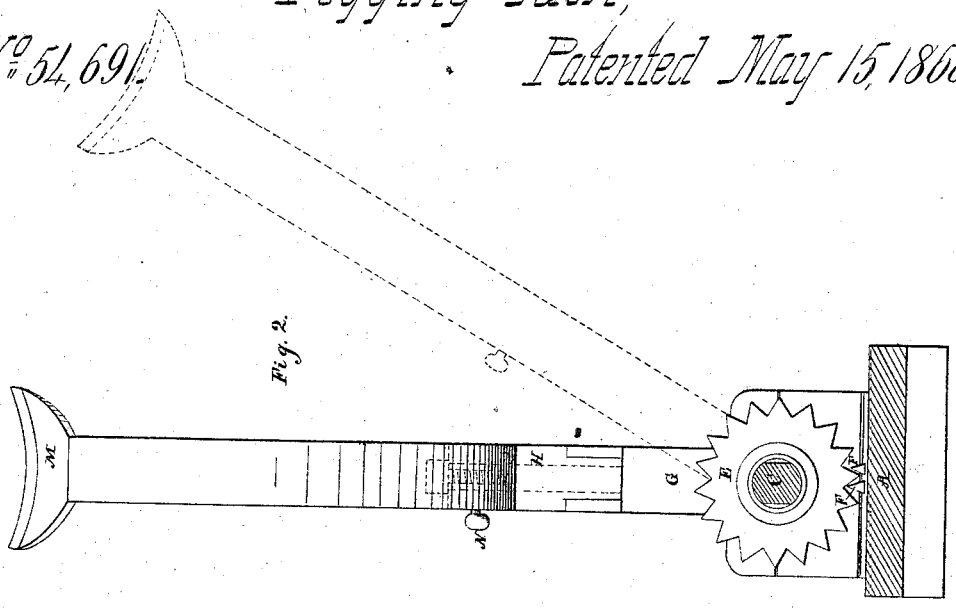

Fig. 2.

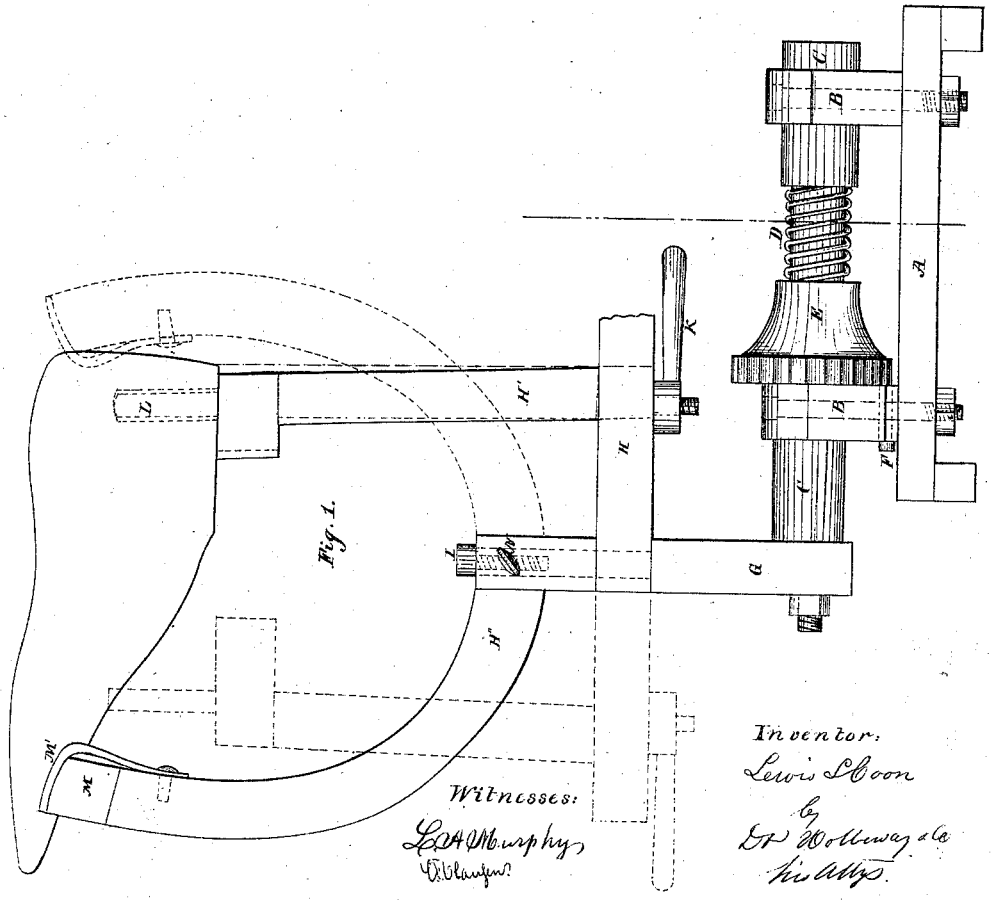

Fig. 1.

Witnesses:
L. A. Murphy
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Inventor:
Lewis L. Coon
by
D. P. Holloway & Co
his Attys.

UNITED STATES PATENT OFFICE.

LEWIS L. COON, OF NUNICA, MICHIGAN.

IMPROVED SHOEMAKER'S JACK.

Specification forming part of Letters Patent No. **54,691**, dated May 15, 1866.

To all whom it may concern:

Be it known that I, LEWIS L. COON, of Nunica, in the county of Ottawa and State of Michigan, have invented a new and useful Improvement in Machines for Boot and Shoe Making; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, made part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 is a section on the line *x x*, Fig. 1, and an end elevation.

In the different figures the same letters refer to identical parts.

My improvements relate to the machines known as "shoemakers' jacks," which are used for holding the last and shoe when finishing the same.

A is the base, which is firmly secured to a work-bench by clamps or other ordinary and convenient means. The two blocks B B attached to the base contain boxes for the shaft C. The shaft is reduced in size in the middle to receive the spiral spring D and the sliding cone E, which is so attached to the shaft as that it may slide forward and back, but not turn on the shaft. The edge of this sliding cone is serrated, and it is held in any desired position by the triangular detents F F passing through the plumber-block, against the side of which the base of the cone is kept by the spring D. By sliding back the cone E until the teeth are disengaged the shaft may be revolved as desired, and when the cone is released it will be forced back by the spring and retained in any given position by the detents F.

To the end of the shaft C is rigidly attached the piece G, which has a projecting point, I, passing through the base of the part H, as shown, and on which the latter turns freely, secured in any desired position by the set-screw N. This part of the jack is composed of three pieces, H, which lies parallel to the line of the shaft C, and has a slot vertical and longitudinal running through one extremity, receiving the foot of the standard H′, which has above a point, L, fitted to the hole through the heel of the last, and below a tenon fitting the slot in the part H, and having its base cut away slightly oblique, as shown by the dotted line in Fig. 1, and near the side nearest G a projecting screw, on which operates a nut with a lever, K, by means of which the standard H′, when the pin L is inserted in the heel of the last and the toe of the same rested upon the toe-standard, may be so drawn down that the pin L shall bind tightly upon and firmly retain the last in place. The toe-standard H″ is firmly secured to the piece H, and is curved, as shown, concluding with the crescent-formed rest, *m*, having a leather bearing, *m′*, to receive the toe of the last. The last being secured in the manner shown, the jack, by means of the two axes acting perpendicularly to one another, may be turned in any direction as the workman may desire, and the work be placed in any position he may wish, as indicated by the red lines in the drawings.

Having fully explained the nature of my improved jack, what I claim as my invention, and seek to secure by Letters Patent, is—

1. The combination of the revolving shaft C and the standard H H′ H″ revolving at right angles to it, substantially in the manner and for the purpose set forth.

2. So arranging the standard H′ by means of a base and eccentrically-placed screw that by turning the nut K the last will be held firmly in place, substantially in the manner set forth.

3. The combination of the spring D, sliding cone E, and detents F F, for the purpose of fixing the position of the shaft C, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEWIS L. COON.

Witnesses:

WILLIAM HATHAWAY,
WILLIAM HUMPHREYS.