(No Model.)

G. P. HAYES.

PEGGING JACK.

No. 261,152. Patented July 18, 1882.

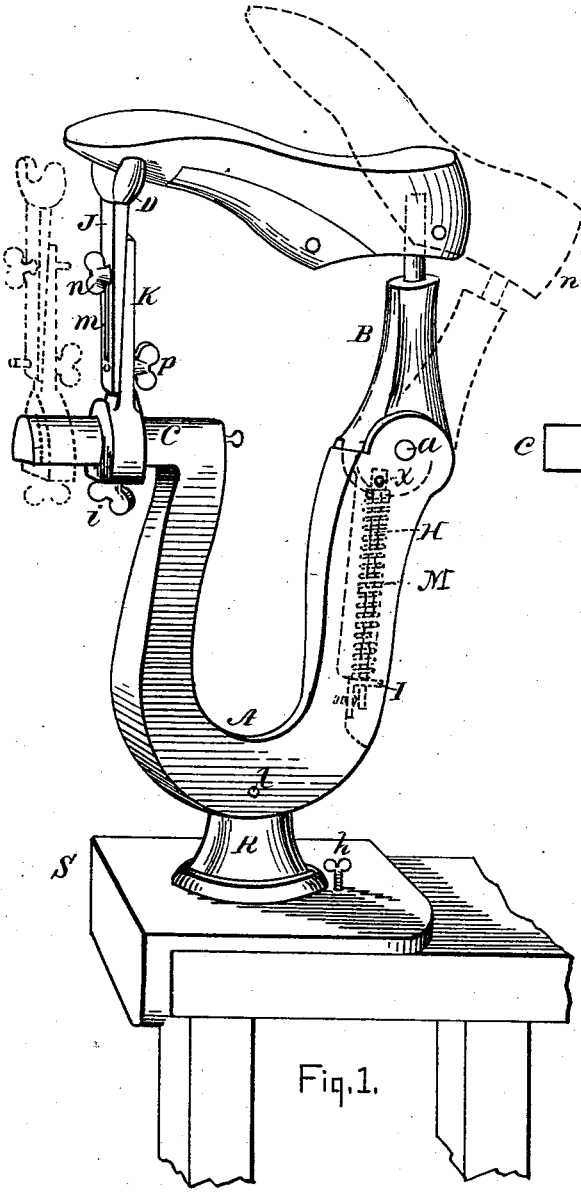

Fig. 1.

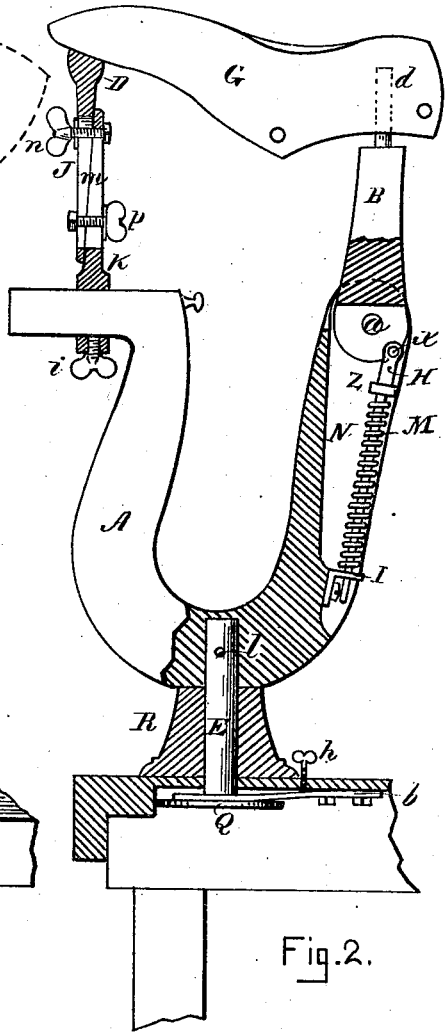

Fig. 2.

Witnesses.
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UNITED STATES PATENT OFFICE.

GEORGE P. HAYES, OF ROCHESTER, NEW HAMPSHIRE.

PEGGING-JACK.

SPECIFICATION forming part of Letters Patent No. 261,152, dated July 18, 1882.

Application filed May 22, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE P. HAYES, of Rochester, in the county of Strafford, State of New Hampshire, have invented a certain new and useful Improvement in Lasting-Jacks, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is an isometrical perspective view; and Fig. 2 is a vertical longitudinal section, showing the joint and spring.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates to that class of lasting-jacks which are designed for bench use; and it consists in a novel construction and arrangement of parts, as hereinafter more fully set forth and claimed, by which a cheaper, simpler, and more effective device of this character is produced than is now in ordinary use.

In the drawings, A represents the body of the jack; B, the arm; C, the bracket; D, the toe-piece, and E the standard.

The body is U-shaped, one of its sections being provided with the horizontally-projecting bracket C and the other with the arm B.

The arm has its lower end pivoted or jointed to the body at *a*, and is provided at its upper end with the stud *d* for receiving and holding the last G in the usual manner.

Disposed in the slot N, and pivoted at *x* to the arm B, outside of its center of motion *a*, there is a vertically-arranged rod, H, provided with the coiled spring M, the lower end of said rod working in a corresponding hole in the step I. The spring acts expansively, its lower end resting on the step I and its upper end abutting against the nut *z*, by which its tension is regulated.

The body of the toe-piece D is constructed in two sections, J K, being divided lengthwise diagonally, and each section provided with an elongated slot, *m*, and adjusting-screws *p n*. The section K is mortised laterally to receive the arm C, and has an adjusting or set screw, *i*, the toe-piece proper being mounted on the section J.

The standard E is firmly secured by the pin *l* to the body A and provided at its lower end with the annular flange Q, spring *b*, and set-screw *h* for regulating the degree of pressure between the body and hub R, on which it rests, the hub forming a part of or being attached to the base S.

In the use of my improvement the shoe to be lasted is placed on the last G in the usual manner, the last for that purpose being either removed or thrown back, as shown by the dotted lines in Fig. 1, after which it is brought into position, as best seen in Fig. 2, where it is held by the joint action of the toe-piece D, spring M, and stud *d* in a manner which will be readily understood by all conversant with such matters without a more explicit description.

It will be obvious that when the arm B is moved outwardly or turned back from the toe-piece D it will describe the arc of a circle, the pivot *a* being its center of motion, and that when carried or turned far enough the pivot *x* at the upper end of the rod H will cross a vertical line drawn through the pivot *a* or pass the center of motion of the arm B, as shown by the dotted lines, Fig. 1, so that the spring M will act to keep the last G from coming into contact with the toe-piece, and vice versa.

Much difficulty has heretofore been experienced in this class of lasting-jacks in so constructing and arranging the spring of the arm B as to prevent breakage and derangement of the parts, and also in providing proper adjusting devices for the toe-piece D, both of which are obviated by my improvement.

Having thus explained my invention, what I claim is—

1. In a lasting-jack, substantially such as described, the jointed arm B, pivoted rod H, coiled spring M, nut *z*, and step I, in combination with the body A, arranged to operate substantially as specified.

2. In a lasting-jack, substantially such as described, the toe-piece D, having its body divided diagonally into the two sections J K, and made vertically adjustable by the screws *p n* and slots *m*, the section K being fitted to the bracket C, and rendered laterally adjustable thereon by the screw *i*, all substantially as set forth.

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