

UNITED STATES PATENT OFFICE.

THOMAS D. BAILEY, OF LOWELL, MASSACHUSETTS.

PEGGING-JACK OR SHOEMAKER'S HEAD-BLOCK.

Specification of Letters Patent No. 14,799, dated May 6, 1856.

To all whom it may concern:

Be it known that I, THOMAS D. BAILEY, of the city of Lowell, county of Middlesex, and Commonwealth of Massachusetts, have
5 invented certain new and useful Improvements in Shoemakers' Head-Blocks, an apparatus for holding the last while the shoe upon it is being pegged or sewed; and I do hereby declare that the following is a full,
10 clear, and exact description thereof, reference being had to the accompanying drawings and letters of reference marked thereon.

Figure 1 represents a side elevation of my improved head block. Fig. 2, is a plan
15 of the same. Fig. 3, is a vertical section taken on the line *w, w*. Fig. 4 is a section on the line *y, z*, showing the shape and construction of the wedge.

Similar letters of reference in each of the
20 several figures indicate like parts.

The nature of my invention consists in having such an apparatus as may be attached to some solid support of a shoemaker's bench, and will serve to hold a shoe
25 last in such a manner as to make it secure, afford a firm seat, hold it in a position capable of being adjusted, and which shall be convenient for the workman, and at the same time be capable of being released or
30 secured in the shortest possible time. Various contrivances have been made to accomplish some of the above named results, but my improvements are considered superior to them all in regard to novelty, simplicity, effective
35 action, and the quickness with which they may be operated.

A, is a plate or turn table, which is fastened by means of a screw C and spring O to the block or support B, and is capable of
40 being revolved thereon.

D, is a lever swinging in the bearings E, E, and having a pin F rising from its head H, which head affords a resting place for the heel of the last G. A hole in the
45 last G receives the pin F, so that when the last is in position, it is, in a manner, hung upon the lever D.

I, I, are supports projecting from the plate A having corresponding grooves of
50 various depths upon adjacent surfaces of each, which grooves are a support to the adjustable toe seat K. The toe seat K, is to be placed in a groove nearer or more remote from the heel seat H according as the shoe
55 last is of a smaller or larger size. The

number and positions of the grooves are calculated for nearly all the sizes of shoes that are made.

L is a wedge shaped piece, having a handle M hinged upon the end of it. Holes are
60 made through the supports I I, which serve to guide and sustain the wedge L when it is pushed across the end of the lever D. The hinged handle M is provided with a projection Q upon its under side, which is
65 intended to play into a ratchet N, which is cast in the surface of the plate or turn table; by means of these, the wedge, after being pushed into its place over the end of the lever, is secured there until the handle is
70 raised; and then the wedge can be easily withdrawn.

O, is a plate spring which holds the turn table down upon the block B, by means of the screw C. By means of this arrangement
75 the turn table is held down upon the block so that there is little or no recoil when a blow is struck upon the last, and the spring will yield enough to allow the turn table to be revolved by hand, at the same time being
80 stiff enough to prevent its turning by the action of hammering. P is another spring fastened to the back of the spring O and is intended to hold up the lever D when not
85 fastened down by the wedge; and the lever D being up, the shoe may be turned about the pin F without the toe coming in contact with its seat K.

I will now proceed to describe the operation of securing the last upon the above described apparatus, and first the last is to
90 have a hole bored into its top, down toward the bottom of the heel. This hole is to receive the pin F. The last being placed upon the pin F, the toe of it is to be brought directly over the toe seat K, then by sliding
95 the wedge home across the top of the end of the lever, and pressing down upon the handle of the wedge, so as to bring the projection into the ratchet; the toe is brought
100 down upon its seat, and the lever fastened by the wedge, holds it there firmly and securely. Now, the shoe last being fastened to the turn table and the turn table being
105 made to revolve upon its center by taking hold of the shoe last, the table may be turned about so as to bring the different edges of the shoe to the workman, as are required to be pegged or sewed.

Having thus fully described my inven- 110

tion, what I claim as new and desire to secure by Letters Patent, is:

1. The method of fastening the turn table A to the block B, by means of the screw C and spring O, substantially as, and for the purpose described.

2. I do not claim the lever D arranged as described, nor do I claim the use of the wedge L as a means of forcing the lever down and securing it to its place, as such an arrangement is already known. But I

claim the peculiar construction of the wedge L, having a convenient handle M and pawl *a* attached to it, which pawl plays into a ratchet N made in the turn table or bed plate A, as described.

In witness whereof I have hereto set my hand, this 15th day of March, A. D. 1856.

THOMAS D. BAILEY.

In presence of—

G. E. PENNIMAN,

A. P. BINNEY.