C. L. Bishop,

Molders' Bench,

No. 46,209. Patented Feb. 7, 1865.

Fig. 1.

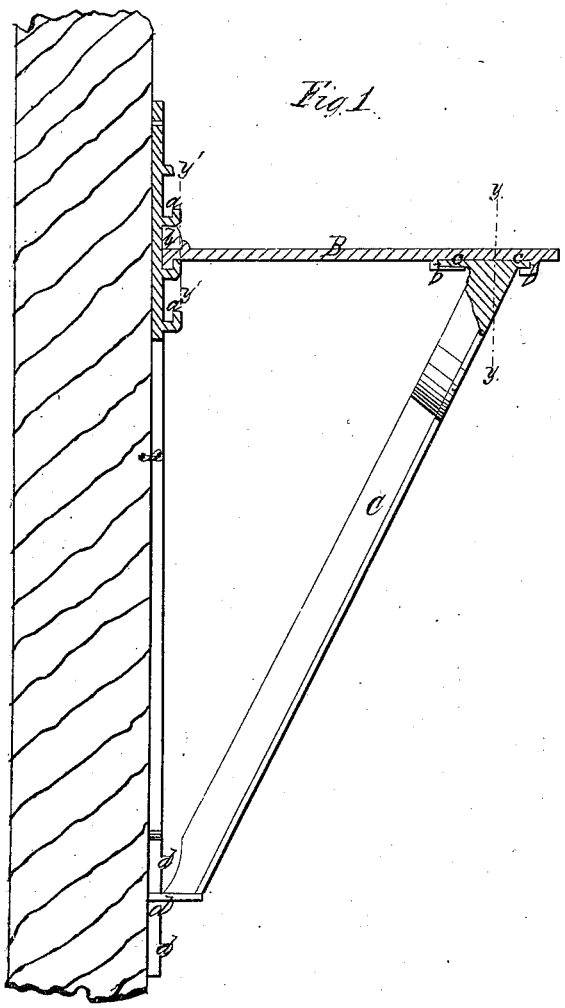
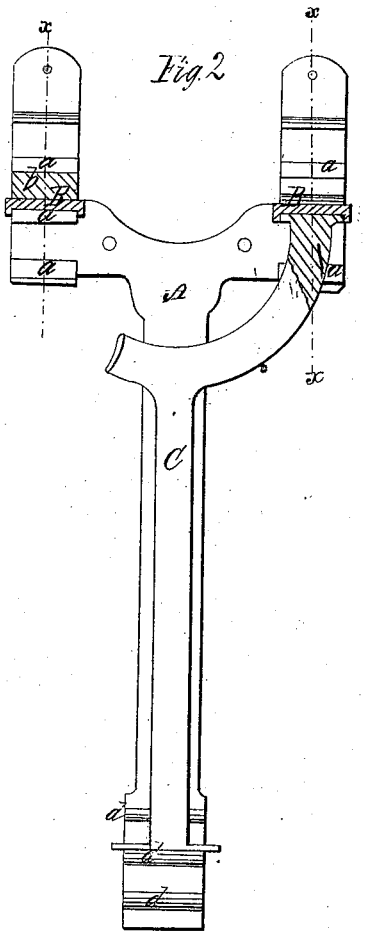


Fig. 2.



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UNITED STATES PATENT OFFICE.

CHAS. L. BISHOP, OF MERIDEN, CONNECTICUT.

IMPROVED MOLDER'S BENCH.

Specification forming part of Letters Patent No. **46,209**, dated February 7, 1865.

To all whom it may concern:

Be it known that I, CHARLES L. BISHOP, of Meriden, in the county of New Haven and State of Connecticut, have invented a new and Improved Molder's Bench; 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 drawings, forming part of this specification, in which—

Figure 1 is a sectional side elevation of this invention, the line *x x*, Fig. 2, indicating the plane of section. Fig. 2 is a sectional front elevation, the section being taken in the lines *y y y' y'*, Fig. 1.

Similar letters of reference indicate like parts.

This invention consists in a molder's bench composed of a cast-iron bracket provided with suitable holes, by means of which it can be secured to a post or other suitable place in the room or shop, and furnished with hooked flanges or ribs calculated to receive the inner ends of arms which extend in a horizontal direction, being secured to the bracket by means of wedges, and supported at their outer ends by an angular brace which is secured to the arms by grooved ribs, and supported below by lugs or cleats projecting from the bracket in such a manner that said bench can be readily put up or taken down, and its height adjusted to suit persons of different height, and, furthermore, a double bench is obtained which is not liable to rot or get out of order.

A represents a bracket cast of iron, or made of any other suitable material, and provided with holes *a*, by means of which it can be secured to a post or other suitable place in an upright position. The upper end of said bracket spreads in two branches, each of which is furnished with one or more horizontal ribs, *a*, forming grooves or hooks to receive the inner ends of the arms B. These arms extend from the bracket in a horizontal direction, and their inner ends straddle the ribs *a*, as shown in Fig. 2, and are secured by wedges *b* of wood or other suitable material. The outer ends of said arms are supported by a brace, C, which is also made of cast-iron, its upper end being forked so as to form two branches, each of which supports one of the arms B.

In order to secure the brace to the arms in a simple manner said arms are provided on their under surfaces with grooved ribs *b*, to receive flanges *c*, projecting from the upper ends of the brace, as shown in Fig. 1, and the lower end of said brace straddles the bracket, and is supported by a cleat, *d*, cast solid with said bracket. The bracket is provided with two or more such cleats as shown in the drawings to correspond in position to the number and position of the horizontal ribs *a*, which support the inner ends of the arms B. The arms and brace can thus be readily adjusted higher and lower to suit persons of different stature, and a firm and durable bench is obtained which is not liable to rot or to get out of repair.

I claim as new and desire to secure by Letters Patent—

A molder's bench composed of a bracket, A, with ribs *a*, and cleats *d*, horizontal arms B, and brace C, all constructed and fitted together in the manner substantially as herein set forth.

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