

I. COOPER
Shoe-Maker's Work-Bench.

No. 215,326.

Patented May 13, 1879.

Fig. 1.

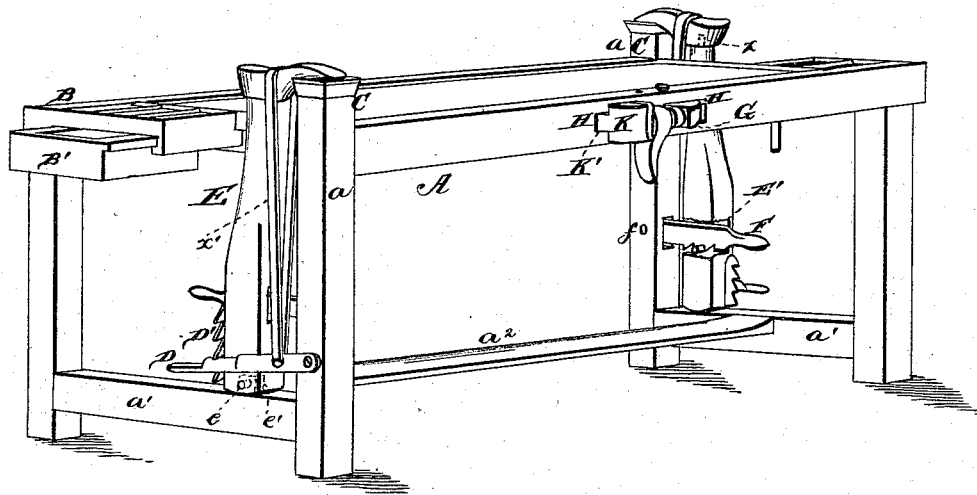


Fig. 2.

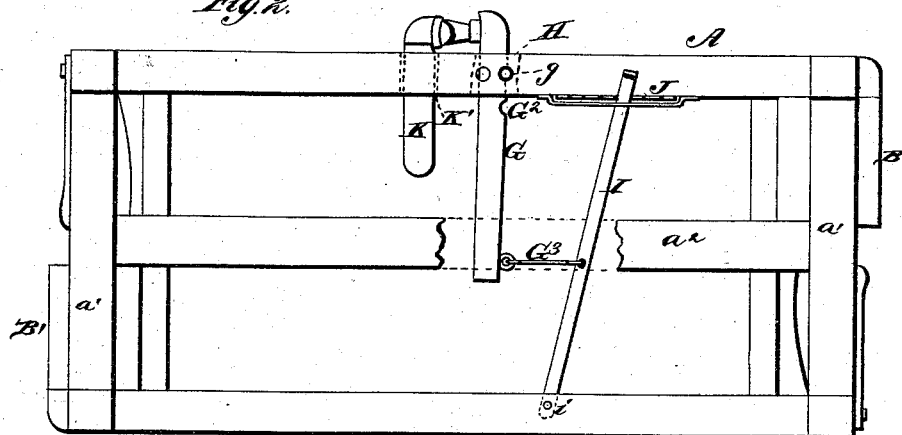
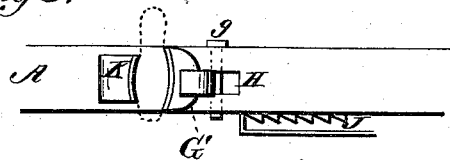


Fig. 3.



WITNESSES
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UNITED STATES PATENT OFFICE

IGNATIUS COOPER, OF OPEQUON, VIRGINIA.

IMPROVEMENT IN SHOE-MAKERS' WORK-BENCHES.

Specification forming part of Letters Patent No. **215,326**, dated May 13, 1879; application filed March 15, 1879.

To all whom it may concern:

Be it known that I, IGNATIUS COOPER, of Opequon, in the county of Frederick and State of Virginia, have invented certain new and useful Improvements in Shoe-Makers' Work-Benches; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of my shoe-maker's work-bench. Fig. 2 is a bottom view of the same, and Fig. 3 is a detail view.

My invention relates to a bench peculiarly adapted to the use of shoe-makers; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth.

It is obvious that a device upon which the artisan could work in a standing position or sitting upright is advantageous over the low work-bench ordinarily used in this art.

Referring to the drawings, A represents an ordinary four-legged table or bench, having standards *a*, end cross-bars, *a*¹, and longitudinal bar *a*², with ordinary top, except that a case, B, for nails, pegs, &c., is provided at each end on diagonal corners, each having a drawer, B', beneath, working in ordinary guides in the frame. Upon the other corner of each end is constructed a pegging-jack, as shown. The standards on diagonal corners extend above the top of the bench, as shown at C, and form the stationary portion of the jack, and to that standard is pivoted a lever,

D, which operates in a ratchet, D', upon an adjustable standard, E, perforated at *e* to receive a lug, *e*¹, on the end cross-bar, *a*¹, and a slot, E', to receive a rack-lever, F, pivoted at *f* in the standard *a*, as shown. The top of this adjustable standard has a pin, *x*, which secures the last. A strap, *x*¹, secured to the pivoted lever D, operates over the last, (and shoe or boot thereon,) and by the lever and rack-bar D' the shoe is held upon the jack, as shown.

G represents a vise-arm, loosely operating in a slot, H, in the frame, having a removable head, G¹, notches G², governed by pin *g*, and a link, G³, by which it is secured to a pivoted lever, I, as shown. This lever is pivoted at *i*, and works in a rack-bar, J. The other jaw or arm, K, of the vise operates in a mortise, K', in the frame, and they both may be moved in or out at will.

I claim—

1. The adjustable vise-arms G K, the removable head G¹, notches G², pin *g*, link G³, lever I, and rack-bar J, combined and operating as set forth.

2. The shoe-maker's work-bench described, having the adjustable vise G G¹ G² G³ I J and K K' and the pegging-jacks on diagonal corners, and having the peg-frame B and drawers B', as shown, for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

IGNATIUS COOPER.

Witnesses:

W. G. RUSSELL, Sr.,
C. E. FUNKHOUSER.