(No Model.)

T. CRISPIN.

SAW CLAMP.

No. 265,761. Patented Oct. 10, 1882.

Fig. 1.

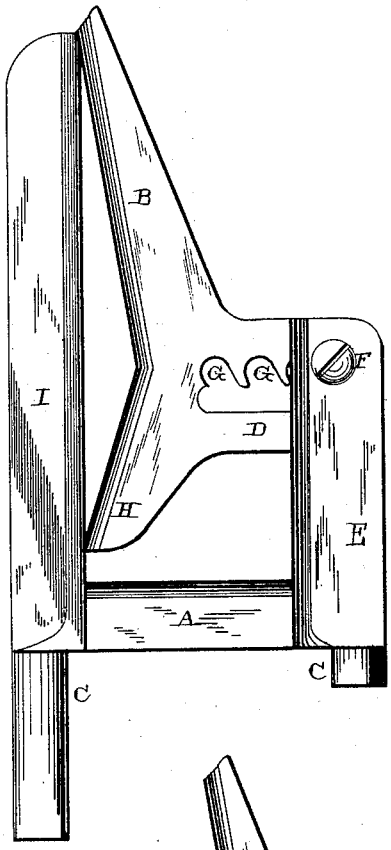


Fig. 3.

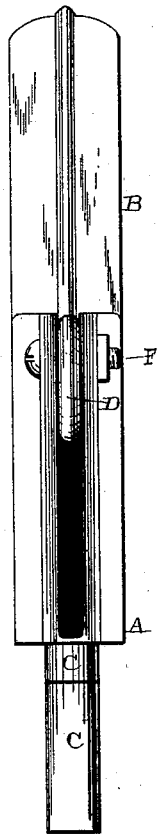
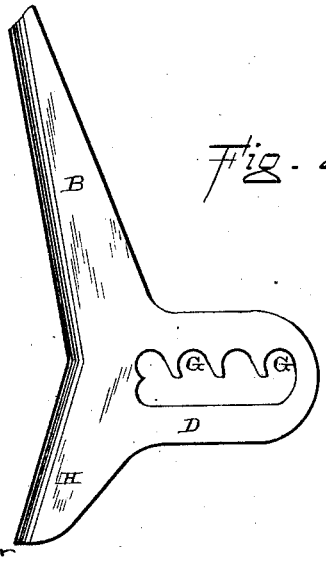


Fig. 2.



—Witnesses.—
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UNITED STATES PATENT OFFICE.

THOMAS CRISPIN, OF DETROIT, MICHIGAN.

SAW-CLAMP.

SPECIFICATION forming part of Letters Patent No. 265,761, dated October 10, 1882.

Application filed April 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, THOMAS CRISPIN, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful mechanical tool for holding saws while being filed, or holding boards while sawing miters or jointing off the edges of the same, of which the following is a specification.

My invention relates to an improvement in saw-clamps; and it consists in the combination of a suitable holding-frame, having one of its standards slotted, with a pivoted presser-bar having a series of notches, so that it can be adjusted back and forth to suit different thicknesses of material, as will be more fully described hereinafter.

Figure 1 is a side elevation of my invention complete. Fig. 2 is a detached view of the presser-bar. Fig. 3 is an edge view of the clamp.

A represents the frame, which is provided with the two standards E I and the studs or projections C, which are intended to fit in holes in a bench or plank to hold the clamp in position while in use. The standard E is divided vertically into two parts, as shown in Fig. 3, and serves as a bearing for the pivotal bolt F, upon which the presser-bar D is held. The standard I is considerably higher than the standard E, and serves to receive the pressure of the saw, board, or other article being operated upon upon one side, while the presser-bar bears against the other. This presser-bar D has the two extensions B H, which extend in opposite directions, the lower one, H, being the shortest, and made to incline forward at its lower end toward the standard I. This end is made to extend forward beyond the extension B, so that when a board or other article is dropped upon it the end or tension will act as a lever to tilt the upper end, B, forward against the article, and the article will then be held securely between the two ends B H on one side and the standard I on the other. In this presser-bar D is made a horizontal slot, so that the bar can be adjusted back and forth on the bolt F in relation to the standard I, and thus accommodate itself to articles of different thicknesses. The upper edge of this slot has a number of recesses, G, formed in it, each one of which serves as a bearing for the bolt. By means of these recesses the bar can be held at any point that may be desired.

Having thus described my invention, I claim—

The combination of the frame having the two standards E I, presser-bar D, adjustable back and forth, and having the ends B H, and the pivotal bolt, substantially as shown.

THOMAS CRISPIN.

Witnesses:

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