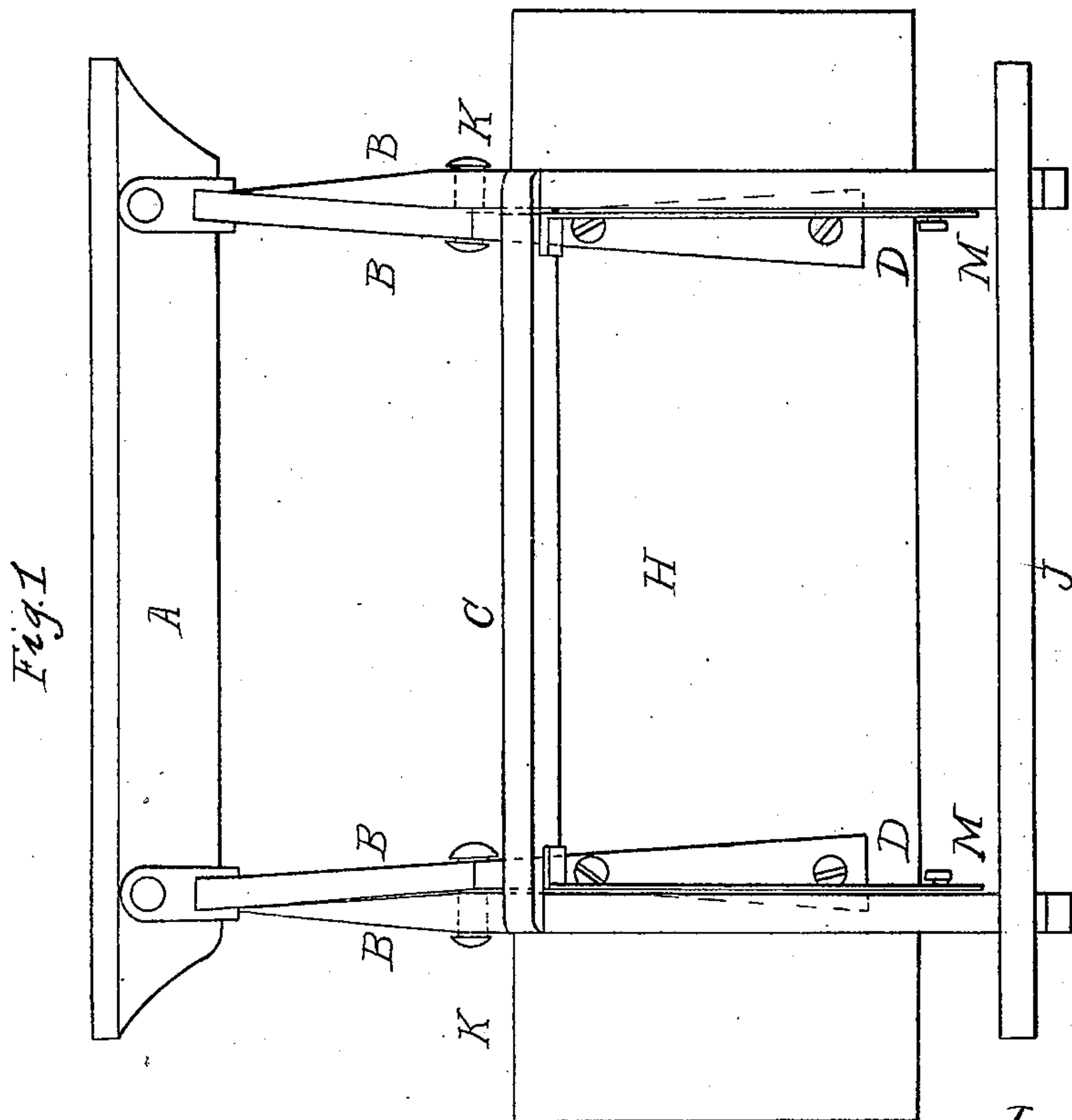
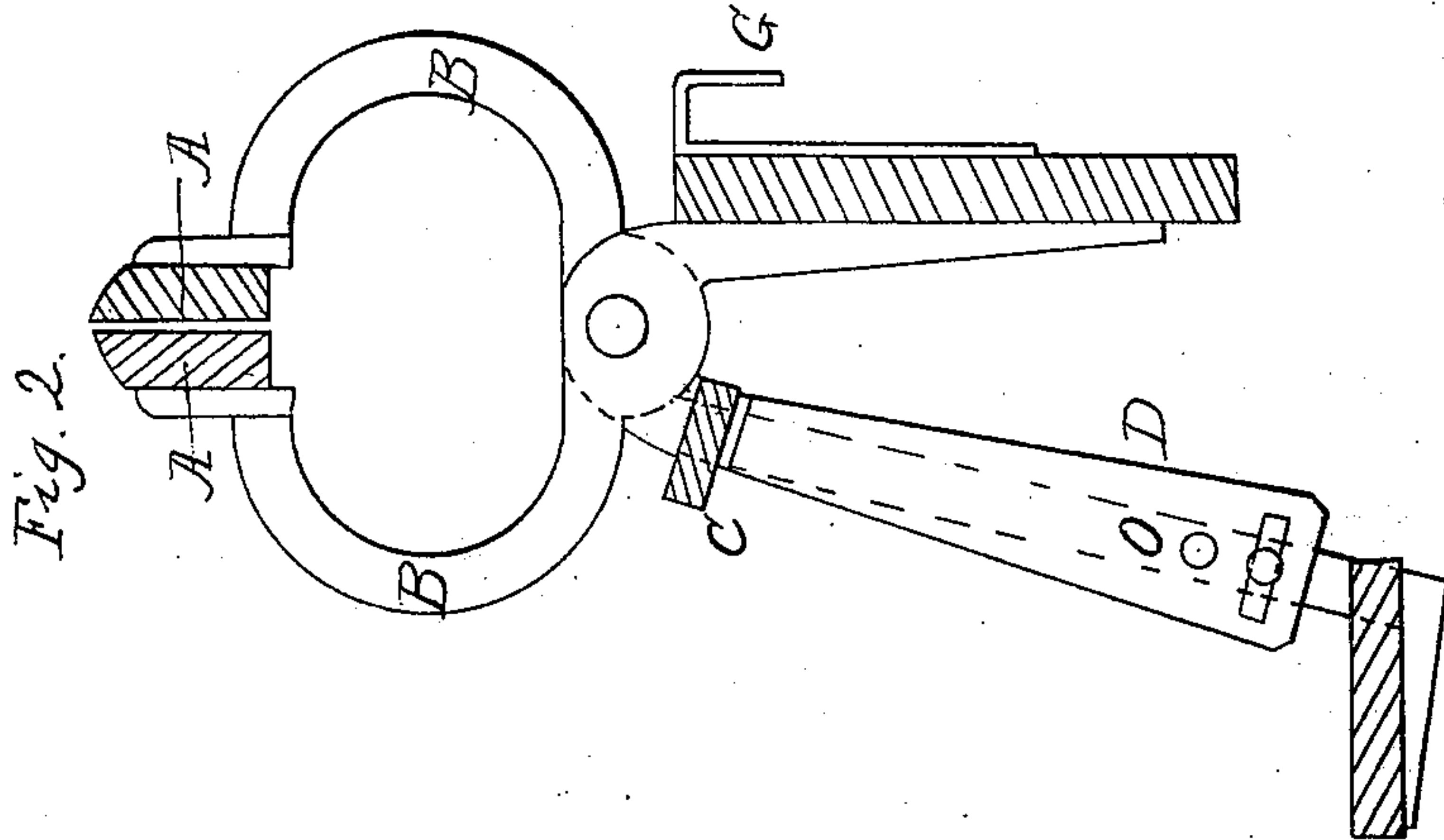


W. N. Kingston,

Sharpening Reciprocating Saws.

N^o 79,478.

Patented June 30, 1868.



Witnesses.

J. C. Smith
A. S. Kaufman

Inventor.

Wm. N. Kingston
Chipman Hosmer &
Attys

United States Patent Office.

WILLIAM N. KINGTON, OF BOWENSBURG, ILLINOIS.

Letters Patent No. 79,478, dated June 30, 1868.

IMPROVEMENT IN SAW-CLAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, WILLIAM N. KINGTON, of Bowensburg, in the county of Hancock, and State of Illinois, have invented a new and valuable Improvement in Saw-Clamps; 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.

The object of my invention is to provide better means than have heretofore been devised for holding saws while the same are being filed.

Figure 1 of the drawings is a side view of my device, and

Figure 2 is a sectional view of one end thereof.

Letters A represent two clamps, between which the saw is held while being filed.

Letters B are two jaws, pivoted together at the point K, and connected with the clamps A in the manner shown on fig. 1.

Letter C is a scaffold or seat, upon which the operator may sit while the work is being done.

Letters D are upright bars, pivoted to the jaws B, respectively, at the points O, and slotted and made adjustable at the points M, as shown on fig. 2.

The object of the construction and arrangement of these upright bars is to enable the operator to adjust the scaffold C at the point inward or outward that he may deem advisable.

Letter F represents a plank, attached to the rear of the device, and to the extended parts of the jaws that extend downward in the rear, as represented on fig. 1.

On the upper side of this plank I attach two hooks, one of which is shown on fig. 2, marked G. The plank above mentioned is marked H.

Letter J is a platform, attached to the lower end of the jaws B that extend downward on the front side.

My device is operated as follows: .

The hooks G are attached to any bench or other stationary object sufficiently strong for the purpose, and the saw is placed in the clamps. The operator then stands on the platform J, or sits on the scaffold C, and performs his labor. The weight of the operator upon the platform or scaffold holds the saw securely and firmly in its place, thereby dispensing with all bench-screws and kindred devices.

What I claim as my invention, and desire to secure by Letters Patent, is—

A saw-clamp, having clamps A, jaws B, scaffold C, upright bars D, platform J, plank H, and hooks G, constructed, combined, and arranged substantially as specified.

WILLIAM N. KINGTON.

Witnesses:

M. R. BUTS,

L. E. EMMONS.