

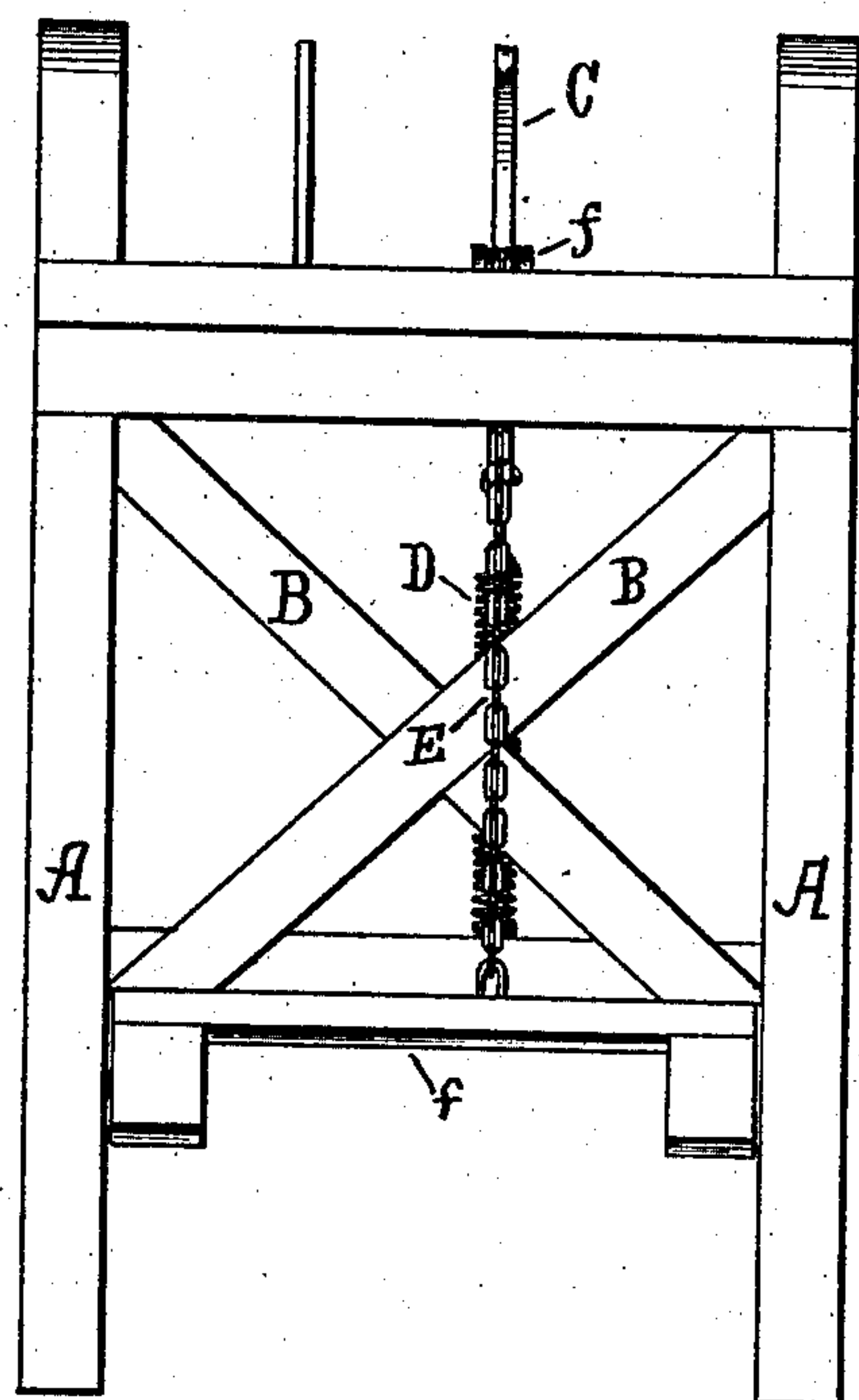
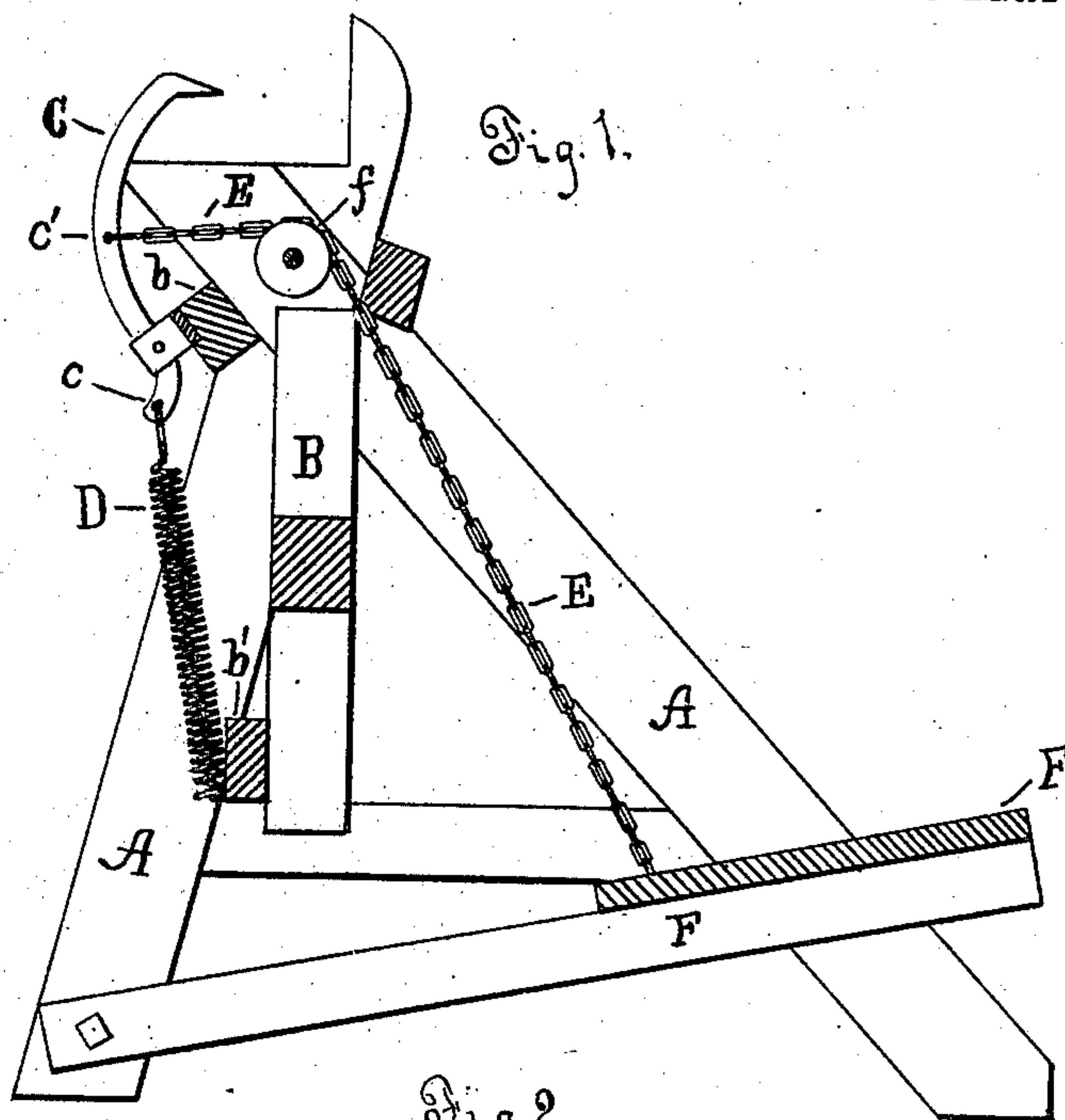
(No Model.)

B. R. BAKER.

SAW BUCK.

No. 294,718.

Patented Mar. 4, 1884.



Attest:
W. A. Clark,
Wm. B. Robison

Inventor,
Benjamin R. Baker
by
Howard A. Snow
his Attorney

UNITED STATES PATENT OFFICE.

BENJAMIN ROBERT BAKER, OF NORTHFIELD, MINNESOTA.

SAW-BUCK.

SPECIFICATION forming part of Letters Patent No. 294,718, dated March 4, 1884.

Application filed September 6, 1883. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN R. BAKER, of Northfield, county of Rice, and State of Minnesota, have invented a new and useful Improvement in Saw-Bucks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use it, reference being had to the accompanying drawings, forming a part thereof.

My invention relates to an improvement in saw-bucks; and it consists in the parts to be hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a sectional view of the inner side of a saw-buck, showing a platform connected by a chain to a clamp for holding the wood to be sawed firmly in position, the clamp being held in place and operated by means of a pivot and spiral spring. Fig. 2 represents a front view of saw-buck.

Like letters represent similar parts.

A are the standards or legs of the saw-buck, notched at the top, as shown in Fig. 1, in which notches are placed the log or stick of wood to be sawed.

B are oblique cross-pieces for strengthening and bracing the standards A.

C is a clamp for holding the wood firmly in a suitable position for sawing, and is pivotally attached to a horizontal cross-piece, *b*, at the upper and back part of the standards A. The clamp C is held in a vertical position, when the machine is not in use, by means of a spiral spring, D, attached to it at *c*, the lower end of the spiral spring being fastened to a horizontal cross-piece, *b'*, at the lower back part of

the standards A. A chain, E, is fastened to the clamp C at *c'*, and, passing over a pulley, *f*, is connected to a platform, F. The platform F is pivoted to the lower and inner ends of standards A, the forward part being unattached, except in combination with the chain E, pulley *f*, clamp C, and spiral spring D, as hereinbefore set forth. When the machine is not in use, the spiral spring holds the pivoted clamp back, drawing the chain with it, which in turn raises the platform, as shown in Fig. 1. The operator of the machine stands on the platform F, which presses the same down, and drawing the clamp C forward and firmly over a log or stick of wood placed across the notches at the upper ends of the standards A.

What I claim is—

1. In combination with a saw-buck frame provided with the cross-pieces *b* and *b'*, the clamp C, pivoted to the cross-piece *b*, and provided with the spring D, secured to the cross-piece *b'*, the chain E, fixed to the clamp-arm and bearing on the pulley *f*, and an actuating-lever, substantially as described.

2. In combination with a saw-buck frame provided with the cross-pieces *b* and *b'*, the clamp C, pivoted to the upper cross-piece, *b*, and provided with the spring D, having its lower end secured to the lower cross-piece, *b'*, the chain E, fixed to the clamp-arm and bearing on a pulley, *f*, and the foot-lever F, fulcrumed to the standards, substantially as described.

In testimony that I claim the foregoing I append my signature.

BENJAMIN ROBERT BAKER.

Witnesses:

W. S. PATTEE,
FRANK CUTLER.