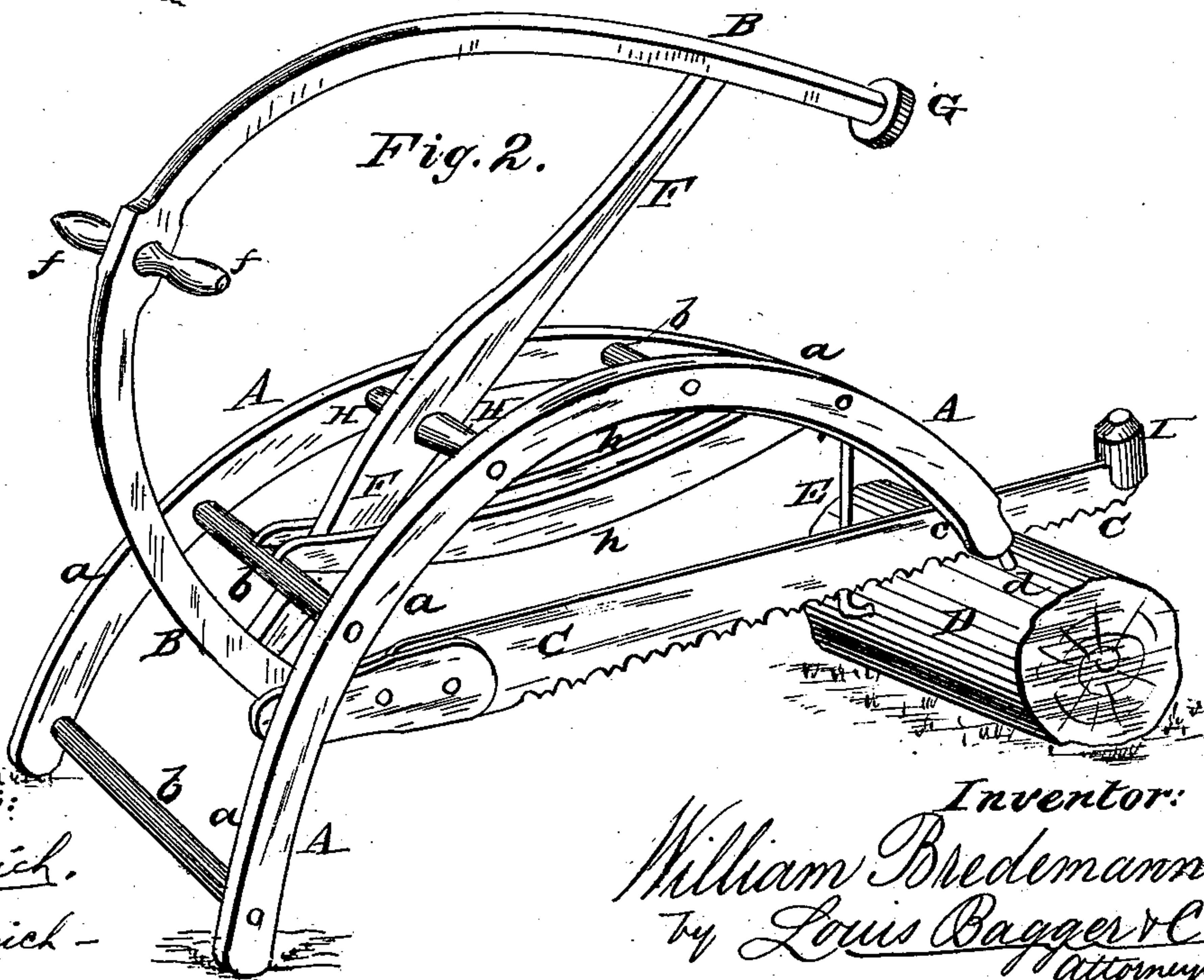
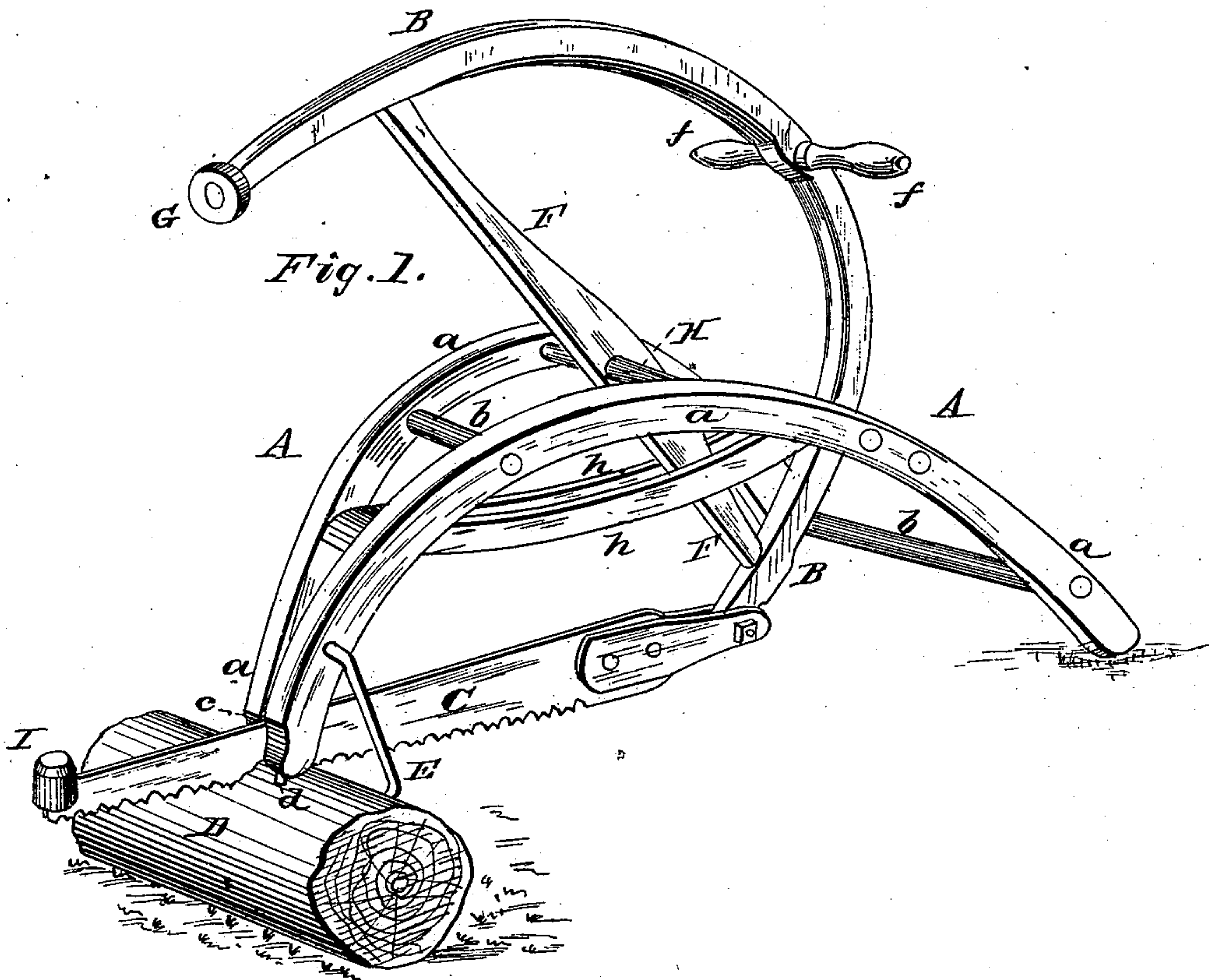


(No Model.)

W. BREDEMANN.  
Sawing-Machine.

No. 226,969.

Patented April 27, 1880.



Witnesses:

*P. Dietrich.*

*Red. G. Dietrich -*

Inventor:

*William Bredemann*  
*by Louis Baggett & Co.*  
*Attorneys*



# UNITED STATES PATENT OFFICE.

WILLIAM BREDEMANN, OF JEFFERSON CITY, MISSOURI.

## SAWING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 226,969, dated April 27, 1880.

Application filed March 9, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM BREDEMANN, of Jefferson City, in the county of Cole and State of Missouri, have invented certain new and useful Improvements in Sawing-Machines; 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 the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective front view, and Fig. 2 is a similar rear view.

Similar letters of reference indicate corresponding parts in all the figures.

My invention relates to machines for operating crosscut-saws by hand for sawing logs or for like purposes; and it consists in the construction and arrangement of a buck or frame carrying a vibrating bow, to the lower end of which the saw is pivoted, while its upper free end has a counterbalancing-weight, substantially as hereinafter more fully described.

In the drawings, A is the buck or frame, which consists of two converging pieces or bars of bent wood, *a a*, united by cross-pieces *b b b*. The forward end of this buck forms a narrow opening or slot, *c*, in which the saw-blade C plays, and is provided with two pointed prongs or spurs, *d d*, for attaching it to the top of the log D.

To prevent the buck from slipping off the log during the operation of sawing I use a hinged hook, E, the point of which catches into the side of the log, as clearly shown in the drawings.

The saw is pivoted in the lower end of a

bow, B, which is provided with a cross piece or brace, F, handles *f f*, and a weight, G, at its upper end. The straight cross-piece F has an axle, H, which is journaled in the bent side pieces, *a a*, of the buck, and the bow is prevented from lateral vibration by two parallel guide-pieces, *h h*, which reach from the narrow forward part of the buck to one of the rear cross-pieces *b*, and which, furthermore, serve to strengthen and brace the machine.

From the foregoing description, taken in connection with the drawings, the operation of the machine will be readily understood.

The operator, placing one foot upon the lower cross-bar *b*, to keep the buck firm upon the ground, takes hold of the handles *f f* with both hands, and by pulling up and down, operates the saw, which is kept down in the kerf by a weight, I, affixed upon its end.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The described machine for sawing logs and for similar purposes, composed of the buck A, provided with the slot *c*, spurs *d d*, cross-pieces *b b b*, hinged hook E, and guide-bars *h h*, vibrating bow B, provided with the weight G, handles *f f*, and brace F, having axle H, and hinged saw C, having a weight, I, affixed upon its outer free end, all constructed and combined to operate substantially as and for the purpose herein shown and set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM BREDEMANN.

Witnesses:

ALBERT KROEGER,  
JOSEPH EDWARD GOETZ.