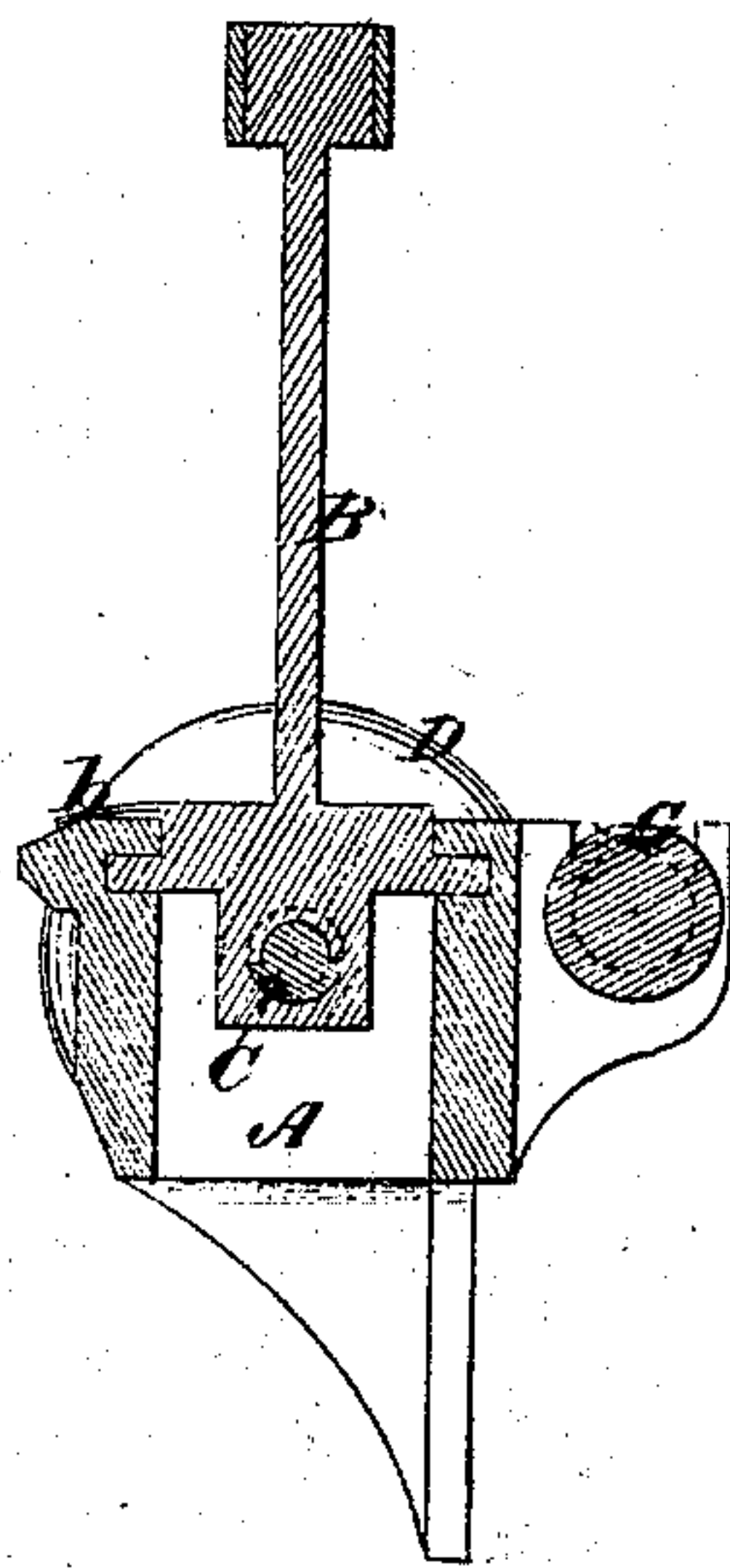
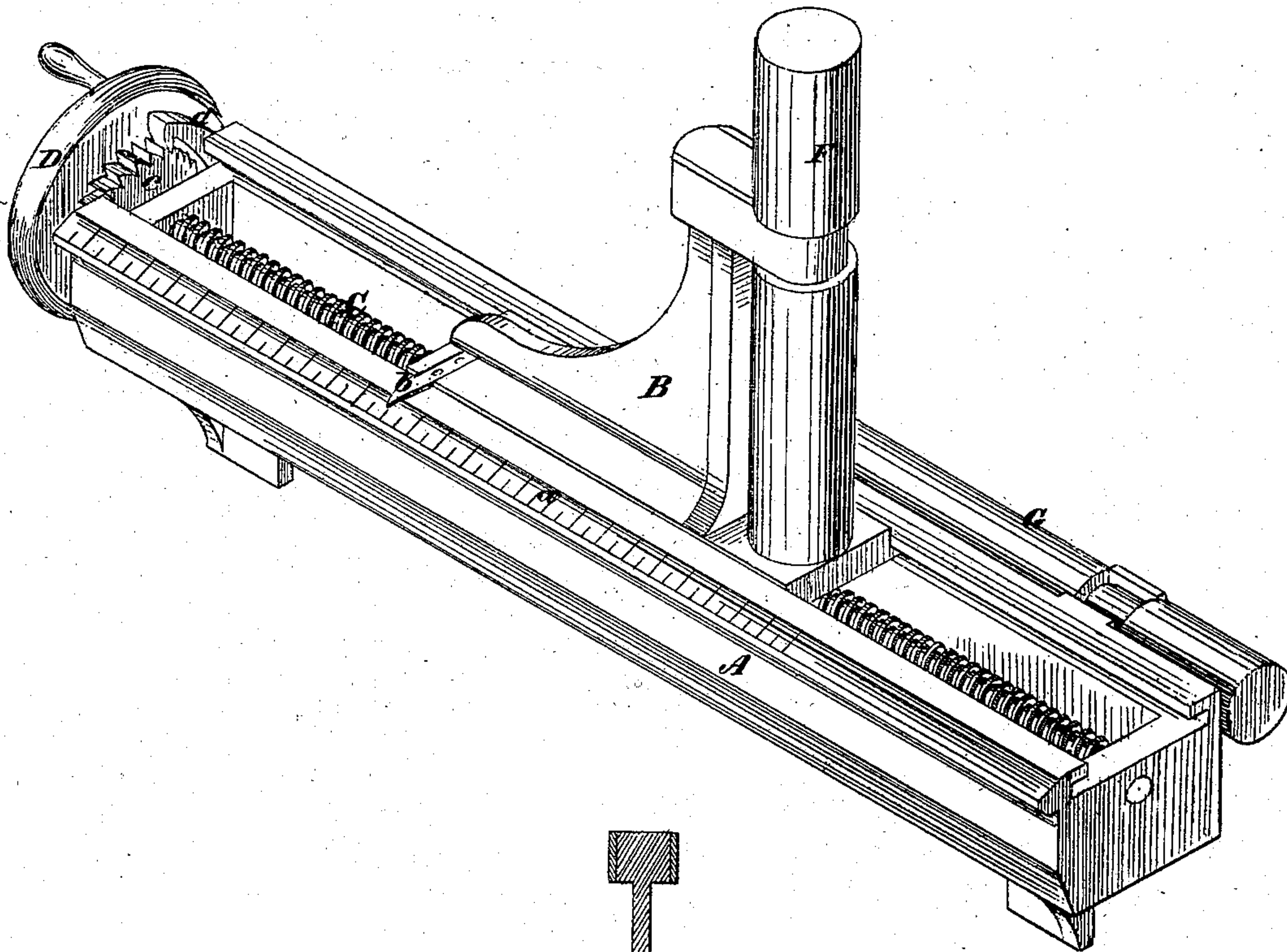


No. 106,578.

PATENTED AUG. 23, 1870.

J. W. HANDSHY.  
HEAD BLOCK FOR SAWMILLS.



Witnesses:

*Joe Steyer  
Baltis Dr Young*

Inventor:

*J. W. Handshy  
by his Attorney  
Wm. D. Baldwin*

# United States Patent Office.

JACOB W. HANDSHY, OF ZANESVILLE, OHIO.

Letters Patent No. 106,578, dated August 23, 1870.

## IMPROVEMENT IN HEAD-BLOCKS FOR SAW-MILLS.

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

*To all whom it may concern:*

Be it known that I, JACOB W. HANDSHY, of Zanesville, in the county of Muskingum and State of Ohio, have invented certain new and useful Improvements in Head-Blocks for Saw-Mills, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing which makes part of this specification, and in which—

Figure 1 is a view in perspective of my improved head-block, and

Figure 2 a vertical transverse section through the same.

The object of my invention is to facilitate the handling of the log; and

My improvement consists—

In combining with the head-block and its vertical roller, a horizontal roller on the frame, on which roller the log rests, substantially as hereinafter set forth.

The frame A is secured transversely upon the carriage, in the usual way.

A head-block, B, slides lengthwise in a slot in this frame, being moved back and forth by a screw, C, operated by a hand-wheel, D.

A pawl, *d*, on the frame, takes into a ratchet-wheel *c*, on the screw, and prevents it from being turned in the wrong direction.

A gauge or scale, *a*, is marked on the frame, and an index, *b*, is placed on the head-block B, to measure accurately the thickness of the plank to be cut.

A roller, F, is mounted in proper bearings in the head-block, so as to turn freely therein; the face of the log being sawed, bears against this roller.

Another roller, G, is mounted in bearings on the frame A, and likewise turns freely therein. Two or more head-blocks are used on each carriage. The log runs easily endwise on the rollers, and can thus be handled readily, while the gauge insures accurate work.

I do not claim broadly moving a head-block by a screw.

I claim as my invention—

The combination of the frame, the horizontal roller, the head-block and its vertical roller, all these parts being constructed to operate in combination as set forth.

In testimony whereof I have hereunto subscribed my name.

JACOB W. HANDSHY.

Witnesses:

R. F. BROWN,  
HORATIO W. CHANDLEE.