W. COLLINS.

SAW-GUIDE.

No. 192,683. Patented July 3, 1877.

Fig. 1.

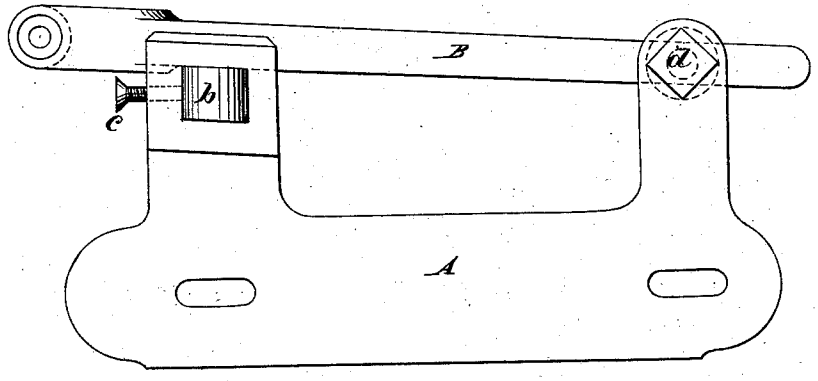
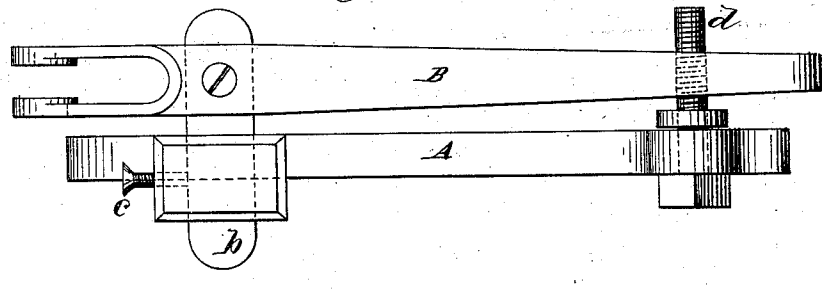


Fig. 2.



WITNESSES:

H. Ryquist

J. H. Scarborough.

INVENTOR:

W. Collins

BY Munn & Co

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM COLLINS, OF PERHAM, MINNESOTA.

IMPROVEMENT IN SAW-GUIDES.

Specification forming part of Letters Patent No. **192,683**, dated July 3, 1877; application filed March 24, 1877.

To all whom it may concern:

Be it known that I, WILLIAM COLLINS, of Perham, in the county of Otter Tail and State of Minnesota, have invented an Improvement in Saw-Guide, of which the following is a specification:

In the accompanying drawing, Figure 1 is a side elevation of my improved saw-guide, and Fig. 2 is a plan view of the same.

Similar letters of reference indicate corresponding parts.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

In the drawing, A is a casting, having slots *a a*, through which bolts pass for attaching it to the frame of the mill, and having a mortise for receiving the bar *b*, which is clamped in the mortise by the screw *c*. B is a forked lever, that is pivoted to the bar *b*, and the long end of which is moved by the adjusting-screw *d* that is journaled in the casting A, and is capable of moving the lever B in either direction and retaining it in any desired position. Bosses are formed inside of the ends of the forks of the lever B, and the forks are bored centrally through these bosses, and tapped to receive wooden plugs, that bear against the saw.

The important advantage gained by my improvement is that, when one of the arms of the fork is carried toward the saw by turning the screw *d*, the other arm is moved away, so that only one adjustment is required to set the guide.

In addition to the facility with which this guide may be adjusted, it possesses the advantage of being readily applied to ordinary mills without changing their frames.

I am aware that it is not new to make a saw-guide adjustable by means of a swiveled screw and a nut, and I therefore desire to disclaim this as constituting any part of my invention.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A saw-guide extended to the end of its frame, and provided with a screw at the long end of lever, as shown and described, whereby the sawyer need not let go his feed-lever, and may adjust with more facility.

WILLIAM COLLINS.

Witnesses:
MILTON VAN DYKE,
E. W. JONES.