

J. ARTHUR.

Improvement in Saw-Guides.

No. 128,776.

Patented July 9, 1872.

Fig. 1.

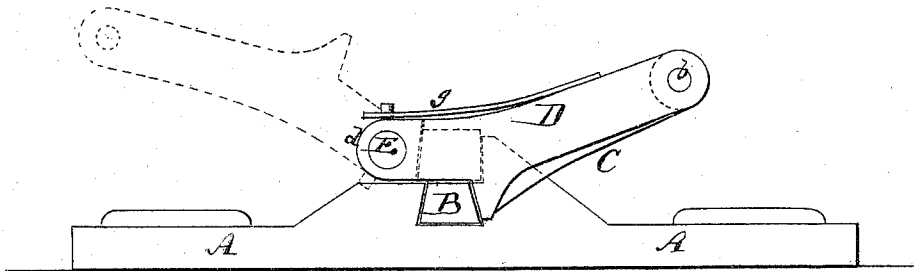
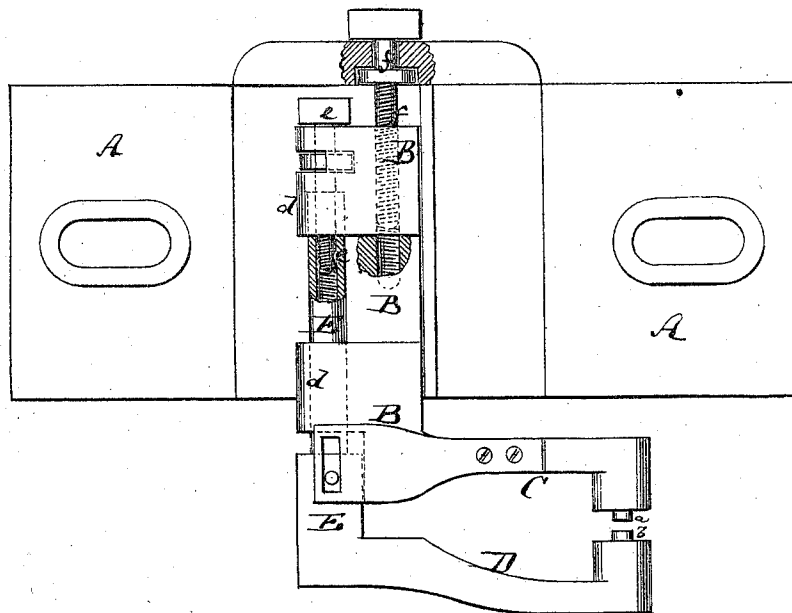


Fig. 2.



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UNITED STATES PATENT OFFICE.

JAMES ARTHUR, OF ANOKA, MINNESOTA.

IMPROVEMENT IN SAW-GUIDES.

Specification forming part of Letters Patent No. 128,776, dated July 9, 1872.

Specification describing a new and Improved Guide for Circular Saws, invented by JAMES ARTHUR, of Anoka, in the county of Anoka and State of Minnesota.

Figure 1 represents a side view of my improved saw-guide. Fig. 2 is a top view, partly in section, of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object to produce a saw-guide which can have either of its jaws adjusted while the saw is in operation without exposing the operator's hands to dangerous contact with the saws, and in which, furthermore, both jaws can be adjusted independent of each other. The invention consists in fitting the swivel-shank of the outer jaw through ears projecting from the above-mentioned slide, and in also applying a screw to its inner end for adjustment.

A in the drawing represents the bed-plate of the saw-guide. B is a transverse slide, fitted into a dovetail groove of the bed-plate, and carrying at its outer end the inner saw-guide or jaw C, which has the inner guide-pin *a*. The outer guide-pin *b* is attached to the

outer guide or jaw D, whose shank E is of cylindrical form and swiveled in ears *d d* that project from the slide B. A screw, *e*, fitted through the inner part of the slide B with the shank E, serves to set the outer jaw more or less out. A screw, *f*, fitted through the bed-plate into the end of the slide B, serves to adjust the inner jaw. Both screws, *e* and *f*, being back of the saw, can be easily turned without touching the saw to move the pins up after wear.

When the saw is to be set or changed the outer guide D is turned up, as indicated by dotted lines in Fig. 1, a spring-catch, *g*, holding it down while in operation.

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

The combination of the outer guide D, swivel-shank E, and screw *e* with the inner jaw C and slide B, substantially as herein shown and described.

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Witnesses:

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