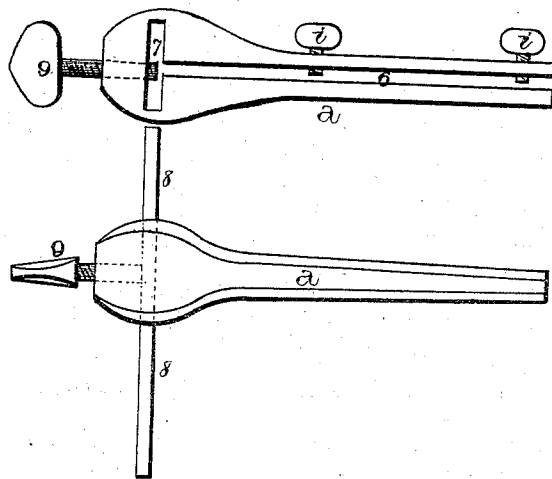


S. D. KNIGHT.
Saw Jointers.

No. 144,111.

Patented Oct. 28, 1873.



Witnesses
Wm. Johnson.
H. B. Hendig.

Inventor
Saml. D. Knight
per
F. A. Lehmann
att'y

UNITED STATES PATENT OFFICE.

SAMUEL D. KNIGHT, OF BRYAN, OHIO.

IMPROVEMENT IN SAW-JOINTERS.

Specification forming part of Letters Patent No. 144,111, dated October 28, 1873; application filed August 13, 1873.

To all whom it may concern:

Be it known that I, SAML. D. KNIGHT, of Bryan, in the county of Williams and State of Ohio, have invented certain new and useful Improvements in Saw Set and Jointer Combined; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention relates to an improvement in devices for dressing the teeth of saws; and it consists in a suitable bar having one slot in which the saw fits, and another shorter one extending at right angles thereto to receive a file, both slots having one or more set-screws or equivalent devices extending into them, as will be more fully described hereafter.

The accompanying drawings represent my invention.

a represents a suitable bar, having the slot 6 extending the greater part of its length, which fits over the edge of the saw. Forming

part of this slot, and extending at right angles to it, is a shorter slot, 7, in which a file, 8, is secured by means of a set-screw, 9. Extending through the side of the bar *a* into the slot 6 are two or more set-screws, *i*, which regulate the width of the slot according to the thickness of the saw, so that in working the file back and forth, for the purpose of dressing off the points of the teeth after they have been upset, it may move perfectly straight and even.

Having thus described my invention, I claim—

A device for jointing long saws, consisting of the slotted file-holder *a*, having legs to form an extended bearing on both sides of the saw-blade, and provided with set-screws *i* 9, as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of July, 1873.

S. D. KNIGHT.

Witnesses:

J. C. BRYAN,
J. N. RYAN.