(No Model.)

W. PEAKE & E. C. INDERLIED.

SAW GUIDE.

No. 562,237. Patented June 16, 1896

Fig: 1.

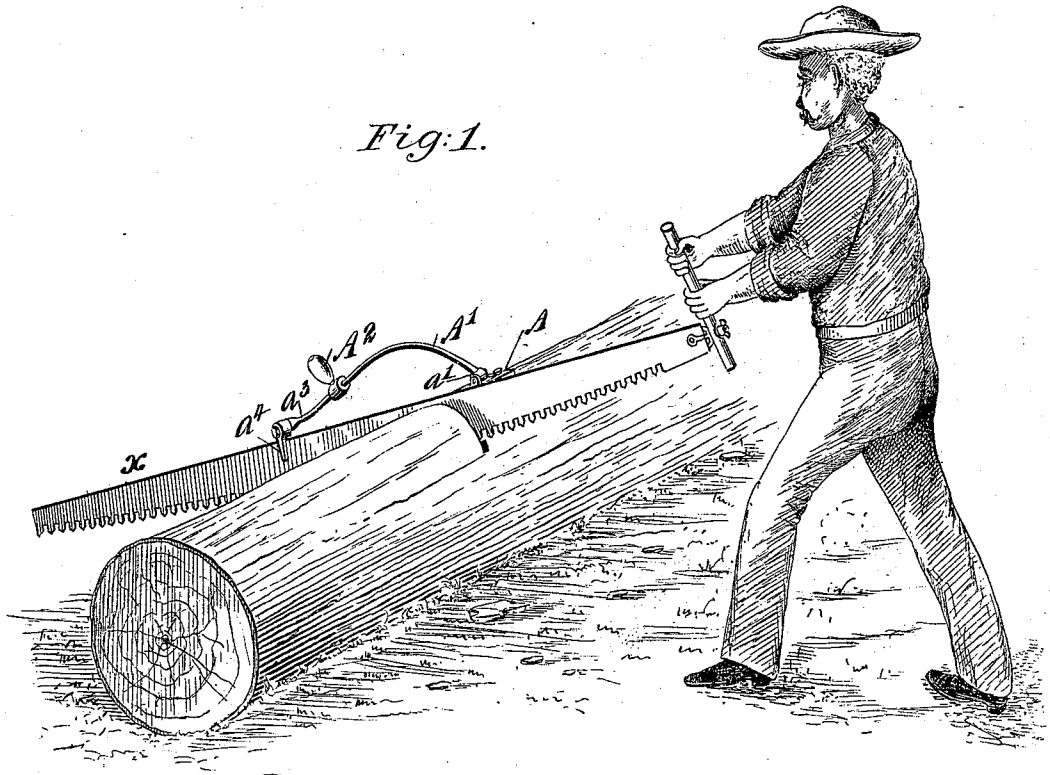


Fig: 2.

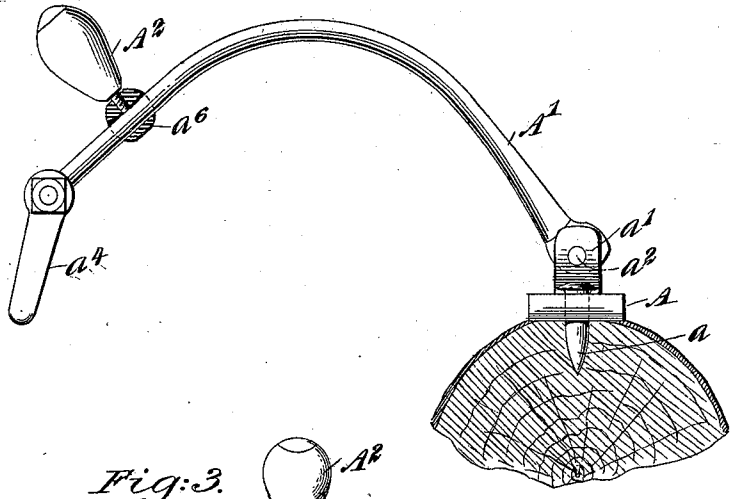
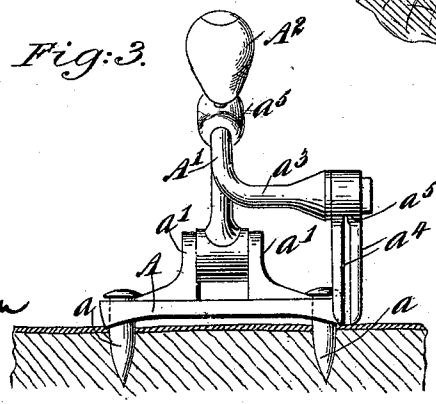


Fig: 3.



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WRENNY PEAKE AND EDWARD C. INDERLIED, OF ROCK RIFT, NEW YORK.

SAW-GUIDE.

SPECIFICATION forming part of Letters Patent No. 562,237, dated June 16, 1896.

Application filed October 26, 1895. Serial No. 566,947. (No model.)

To all whom it may concern:

Be it known that we, WRENNY PEAKE and EDWARD C. INDERLIED, of Rock Rift, in the county of Delaware and State of New York, have invented certain new and useful Improvements in Saw-Guides, of which the following is a full, clear, and exact description.

This invention relates to a guide for a cross-cut-saw adapted to be operated by a single person in sawing a log; and the object is to provide a simple device adapted to engage and exert a downward pressure on the saw at the side of the log opposite that at which the sawyer stands.

We will describe a device embodying our invention, and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view showing a guide embodying our invention as in use. Fig. 2 is a side elevation thereof, partly in section; and Fig. 3 is an end elevation.

Referring to the drawings, A designates an anchor-plate adapted to be secured to a log by means of spikes a, extended through holes in the plate. Lugs a' extend from the plate A, and these lugs support a shaft a^2, on which the guide-arm A′ is pivoted so that its free end may swing vertically. The arm A′ is shown as curved upward between its ends, and at its free end it is turned laterally, as at a^3, and to this laterally-turned portion guide-fingers a^4 are secured.

The guide-fingers a^4 are adapted to pass loosely over the sides of a saw x, and the space between the fingers is reduced at the upper end a^5, so that the walls will engage friction-tight against the upper edge of the saw-blade. The fingers are arranged at substantially right angles to the length of the plate A, and the space between the fingers is in a line with one end of the anchor-plate, so that the end of the plate will serve as a guide in starting a saw in a log, and the fingers will maintain the saw during its travel through the log and cause a straight cut.

To regulate the downward pressure of the arm A′ on a saw, we provide a weight A^2, which is adjustable longitudinally of the arm. This weight has a screw-shank engaging in a tapped hole in a collar a^6, movable on the arm, and the parts may be secured as adjusted by turning the weight so that the end of the screw-shank will impinge against the arm. Obviously the nearer the weight A^2 is to the free end of the arm the greater will be the amount of pressure on the saw.

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

1. A saw-guide, comprising an anchor-plate adapted to be secured to a log, an arm curved upward between its ends and having pivotal connection with the anchor-plate, and guide-fingers on the free end of said arm, substantially as specified.

2. A saw-guide, comprising an anchor-plate adapted to be secured to a log, a curved arm having pivotal connection with the anchor-plate whereby the outer end of the arm may move with a saw from the upper to the lower plane of a log, and guide-fingers on the free end of the arm, the space between said fingers being at all times in line with one end of the plate, and contracted at the upper end substantially as specified.

3. A saw-guide, comprising an anchor-plate, an arm having a swinging connection with the plate, a weight adjustably mounted on the arm, and guide-fingers on the free end of the arm, the space between the fingers being in line with one end of the anchor-plate, substantially as specified.

4. A saw-guide, comprising an anchor-plate, a curved arm having swinging connection with said plate and having a laterally-extended end portion, guide-fingers on the end of the arm, the space between the fingers being contracted at the upper end, and a weight adjustable longitudinally of the arm, substantially as specified.

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Witnesses:
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