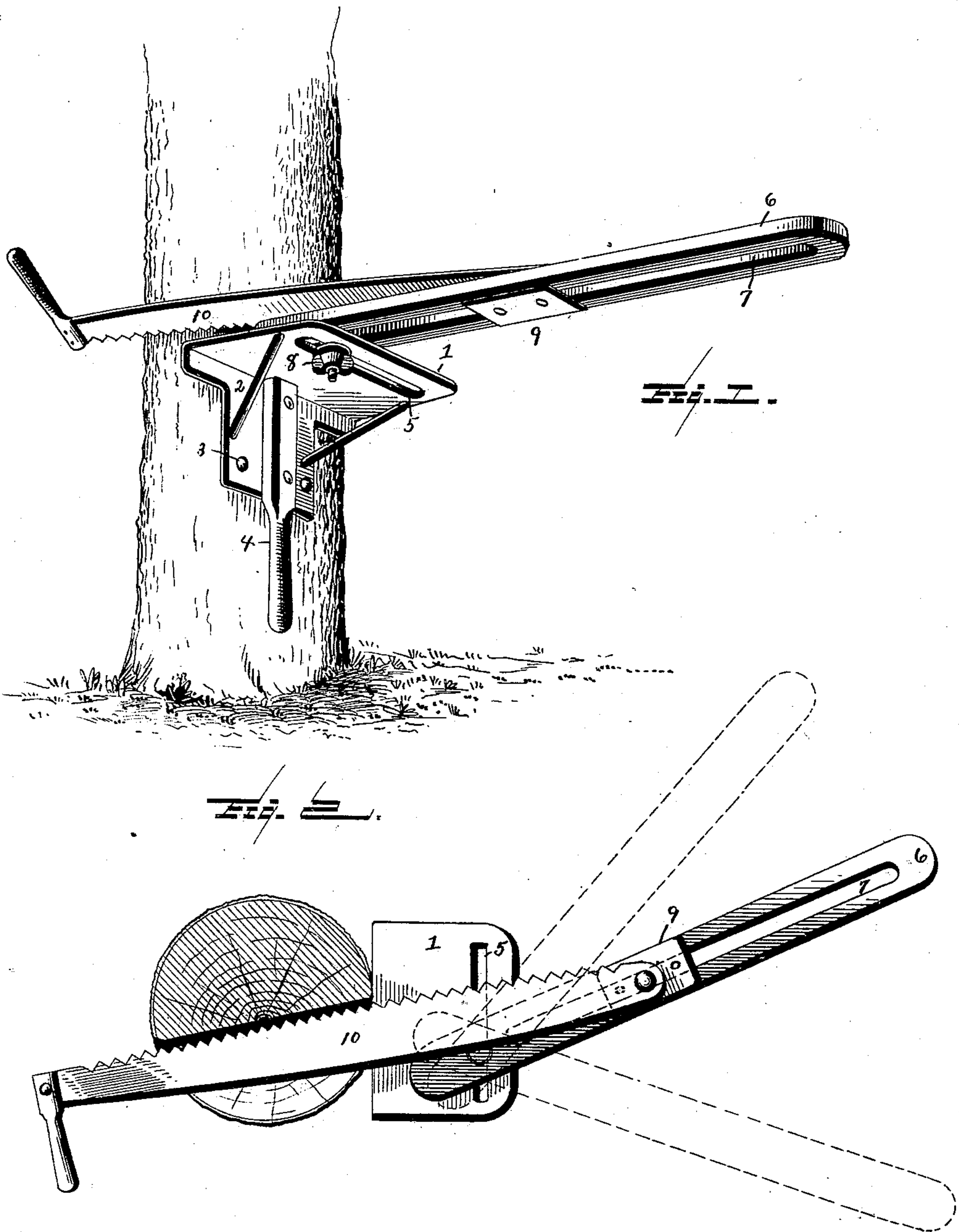


(No Model.)

G. M. MIZE.
DRAG SAW GUIDE.

No. 528,964.

Patented Nov. 13, 1894.



Witnesses:

L. C. Hills
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UNITED STATES PATENT OFFICE.

GEORGE M. MIZE, OF BATESVILLE, ARKANSAS.

DRAG-SAW GUIDE.

SPECIFICATION forming part of Letters Patent No. 528,964, dated November 13, 1894.

Application filed December 1, 1893. Serial No. 492,499. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. MIZE, a citizen of the United States, residing at Batesville, in the county of Independence and State of Arkansas, have invented a certain new, useful, and valuable Improvement in Drag-Saw Guides, of which the following is a full, clear, and exact description.

My invention has relation to guides for drag saws and it consists in the novel construction and arrangement of its parts as hereinafter described.

In the accompanying drawings: Figure 1, is a perspective view of the guide attached to the lower part of a tree. Fig. 2, is a cross sectional view of a tree showing the guide attached thereto.

My invention is described as follows:

It consists of a table 1, which has a flange 2, and said table is secured to the trunk of a tree by means of the bolts 3, 3, which pass through suitable perforations in the said flange 2. The flange 2, is also provided with a handle 4, by means of which the said table and attachments can be carried when not attached to the timber. The table is provided with an elongated perforation the uses of which will be explained hereinafter.

The saw guide consists of the elongated arm 6 which is provided with the elongated perforation 7, which extends longitudinally in said arm 6. The said arm 6, is pivoted horizontally at one end to the table 1, by means of a bolt passing through the perforation 5, and being secured therein by means of the thumb screw 8, which bears against the under side of the said table. By means of the elongated perforation 5, the said guide arm can be shifted from one side of the table to the other, and said guide can be secured in any direction as indicated by the dotted lines in Fig. 2.

A sliding block 9, is located in the perforation 7, of the said guide arm 6. Said sliding block is adapted to work back and forth in said perforation. One end of the saw 10, is secured to said sliding block.

Thus it will be seen that with the aid of this device one man can operate a drag saw that ordinarily requires the energy of two. 50

By having one end of the guide arm pivoted and the other end free as shown in the drawings, the tree can be sawed from one direction and when the weight of the tree, bearing on top of the saw, makes said saw work hard, the arm can be swung around and a new cut can be started in the tree from another direction. This can be done without removing the table from the tree. 55

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is— 60

1. A saw guide consisting of a table adapted to be secured to the timber, said table having in its top an elongated perforation; an elongated arm provided with an elongated perforation said arm pivoted at one end to said table by means of a bolt attached thereto and passing through the elongated perforation of the table said arm having its other end free; a suitable means attached to said bolt and adapted to temporarily secure the arm to the table; a sliding block located in the elongated perforation of the arm; a drag saw attached at one end to the said sliding block, as set forth. 65 70 75

2. A saw guide consisting of a table adapted to be secured to the timber, an arm pivoted at one end to said table and having its other end free, said arm adapted to be swung around on its pivot and secured in a temporary position without removing the table from the timber; a sliding block located on said arm; a drag saw attached at one end to said sliding block, as set forth. 80 85

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE M. MIZE.

Witnesses:

B. M. CARTER,
J. R. EDWARDS.