

No. 808,547.

C. A. KING.
SAW.

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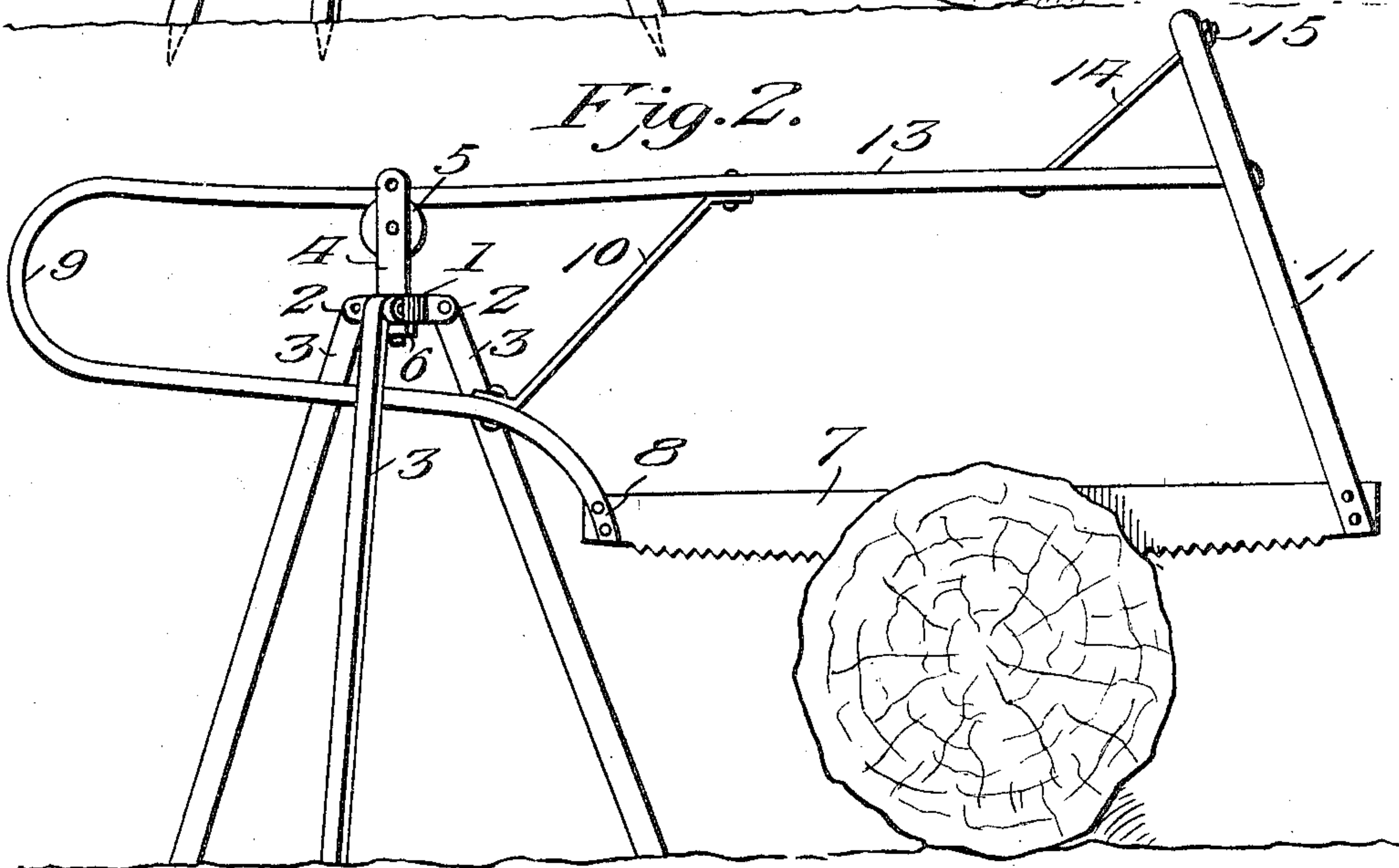
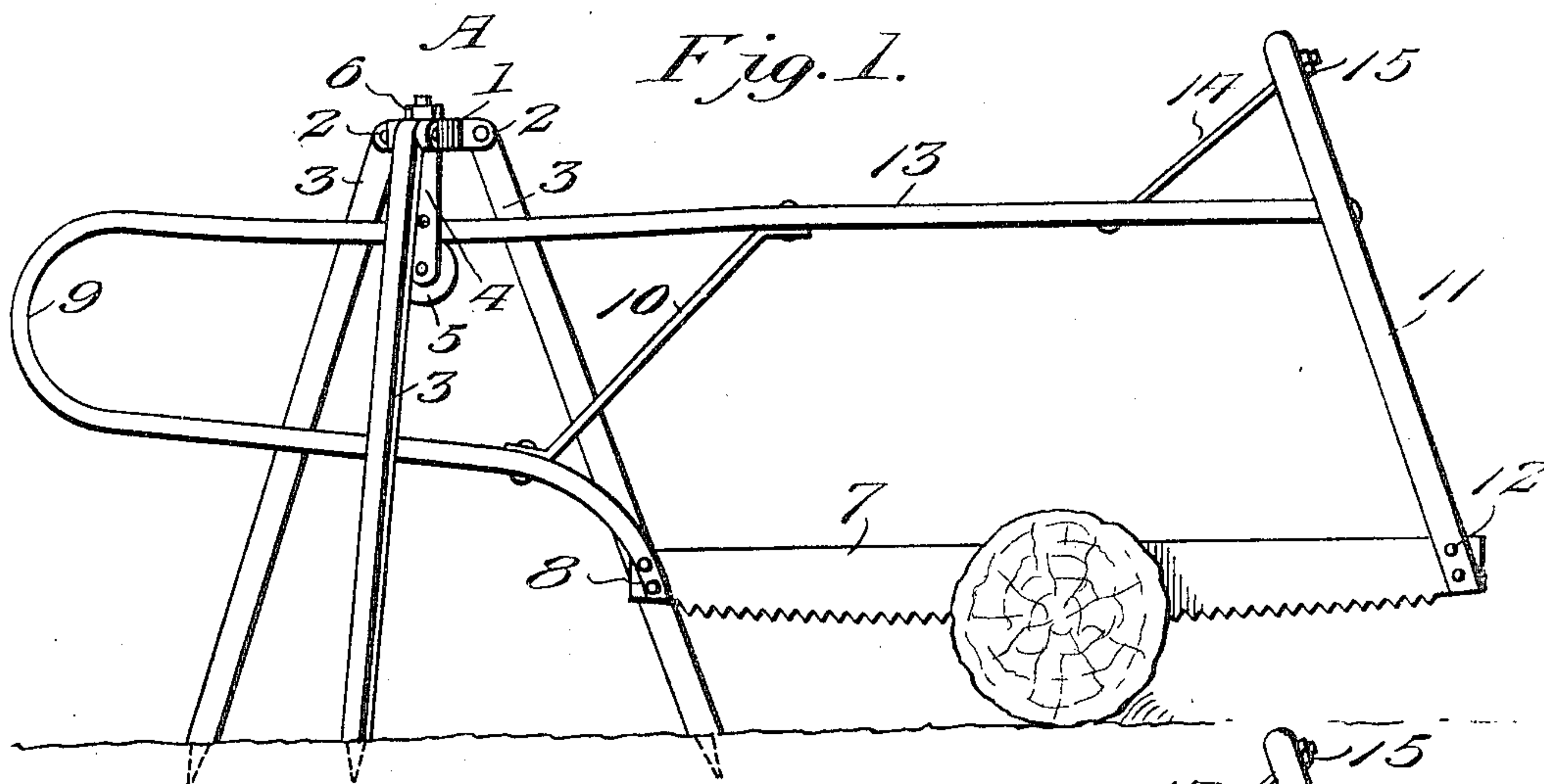


Fig. 3.

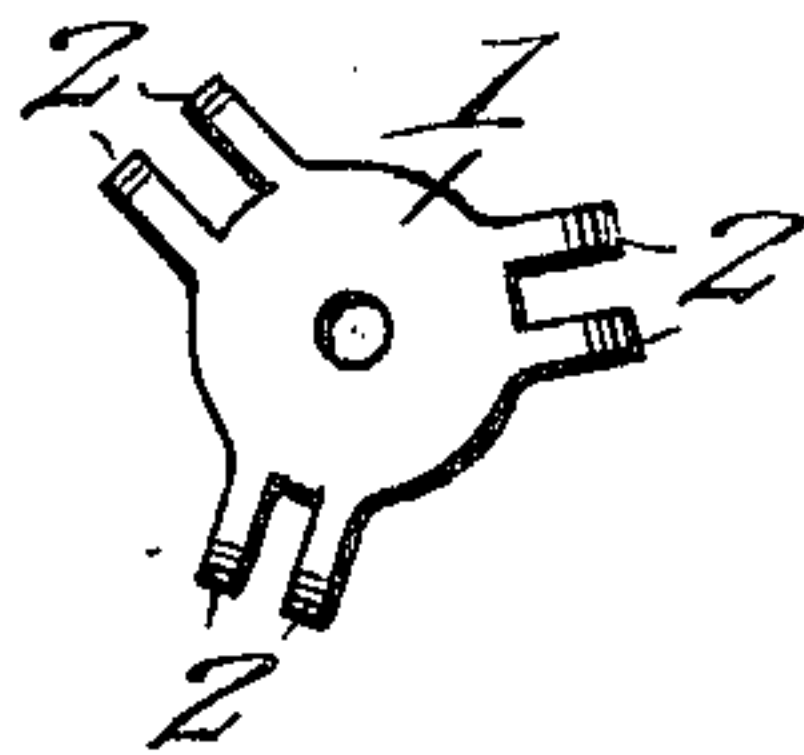
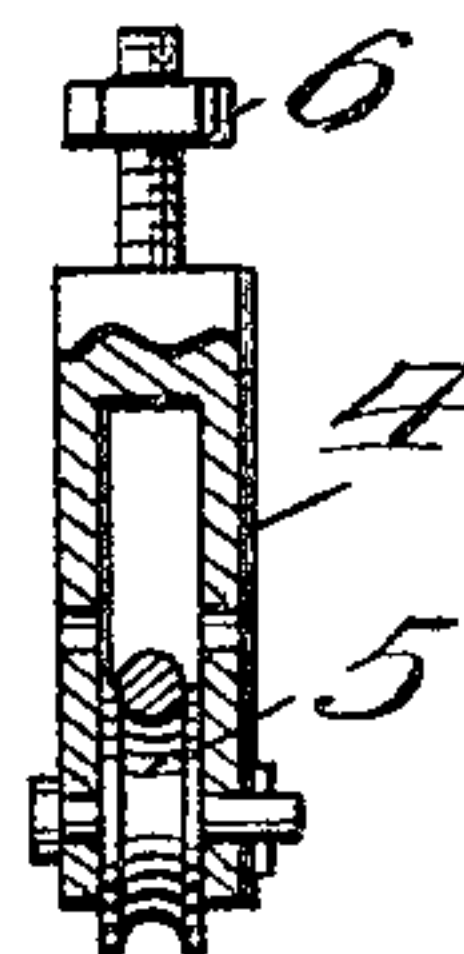


Fig. 4.



Witnesses

Edwin G. McKee
W. H. Clarke.

Inventor

Charles A. King

By

Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

CHARLES A. KING, OF BRIDGEPORT, ALABAMA, ASSIGNOR OF ONE-HALF
TO JAMES D. KING, OF BRIDGEPORT, ALABAMA.

SAW.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES A. KING, a citizen of the United States, residing at Bridgeport, in the county of Jackson and State of Alabama, have invented new and useful Improvements in Saws, of which the following is a specification.

This invention relates to one-man cross-cut-saws.

The objects of the invention are to improve, strengthen, and simplify the construction of such devices; furthermore, to increase their efficiency in operation and decrease the expense attending their manufacture.

With the foregoing and other minor objects in view the invention resides in the particular combination and arrangement of parts and in the precise details of construction hereinafter described and claimed as a practical embodiment thereof.

In the accompanying drawings, forming a part of this specification, Figure 1 is a side elevation of a crosscut-saw constructed in accordance with the invention. Fig. 2 is a similar view of a modified construction. Fig. 3 is a plan view of the tripod-bracket. Fig. 4 is a detail view, partly in section, of the pulley-bracket.

Like reference characters indicate corresponding parts in the several views.

The improved crosscut-saw of this invention is provided with any suitable form of support. In the embodiment of invention illustrated in the drawings the support preferably comprises a tripod A, which is composed of a bracket 1, having a plurality of pairs of lugs 2, between which are journaled the legs 3.

Secured to the tripod A is a bracket 4, in which is journaled a pulley 5 or other suitable antifriction member. The bracket 4 may be mounted below the tripod-bracket 1, as shown in Fig. 1, or above said bracket, as shown in Fig. 2, a nut 6 being employed for holding said pulley-bracket in position. The saw 7 is provided with a frame which is attached thereto at the end 8 and is extended beyond said end to form the loop portion 9, one member of which loop portion extends through the pulley or antifriction device 5. The two members of the loop 9 are connected by means of a brace-rod 10, which serves to give rigidity to the frame and to close the open end of the loop. The brace 10 preferably is inclined with respect to the upper member of

the loop, as shown, in order to permit the saw to be moved to and fro to a greater extent. In addition to the loop 9 the frame of the saw comprises a bar 11, which is connected to the end 12 of the saw and to the end 13 of the loop member, the upper end of said bar extending beyond the end of the loop member and being connected therewith by means of a brace 14, having a nut 15, which is adapted to be used in tightening the saw in the frame.

The improved one-man crosscut-saw of this invention is extremely strong, simple, durable, and inexpensive in construction, as well as thoroughly efficient in operation.

Minor changes in the precise embodiment of invention illustrated and described may be made within the scope of the following claims without departing from the spirit of the invention or sacrificing any of its advantages.

Having thus described the invention, what is claimed as new is—

1. A sawing device comprising a folding tripod-support having an antifriction member, a saw, and a saw-frame connected with the saw and having one portion thereof engaging the antifriction member of the support.

2. A sawing device comprising a folding tripod-support having an antifriction member, a saw, and a saw-frame connected with the saw and having a loop portion extending beyond one end of the saw, one member of said loop portion engaging the antifriction member of the support.

3. A sawing device comprising a tripod, a bracket connected with said tripod and having a pulley journaled therein, a saw and a saw-frame connected with said saw, said saw-frame comprising a loop portion extending beyond the end of the saw, and engaging the pulley, an inclined brace connecting the two members of the loop portion, a bar connected at one end with the saw and at the other end with one of the terminals of the loop portion, the upper end of said bar extending beyond said terminal, and a brace connecting the upper end of said bar with the terminal of said loop.

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

CHARLES A. KING.

Witnesses:

G. W. FENIMORE,
T. J. BARNES.