

No. 814,336.

PATENTED MAR. 6, 1906.

A. D. THOMAS.

SAWBUCK.

APPLICATION FILED JUNE 10, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

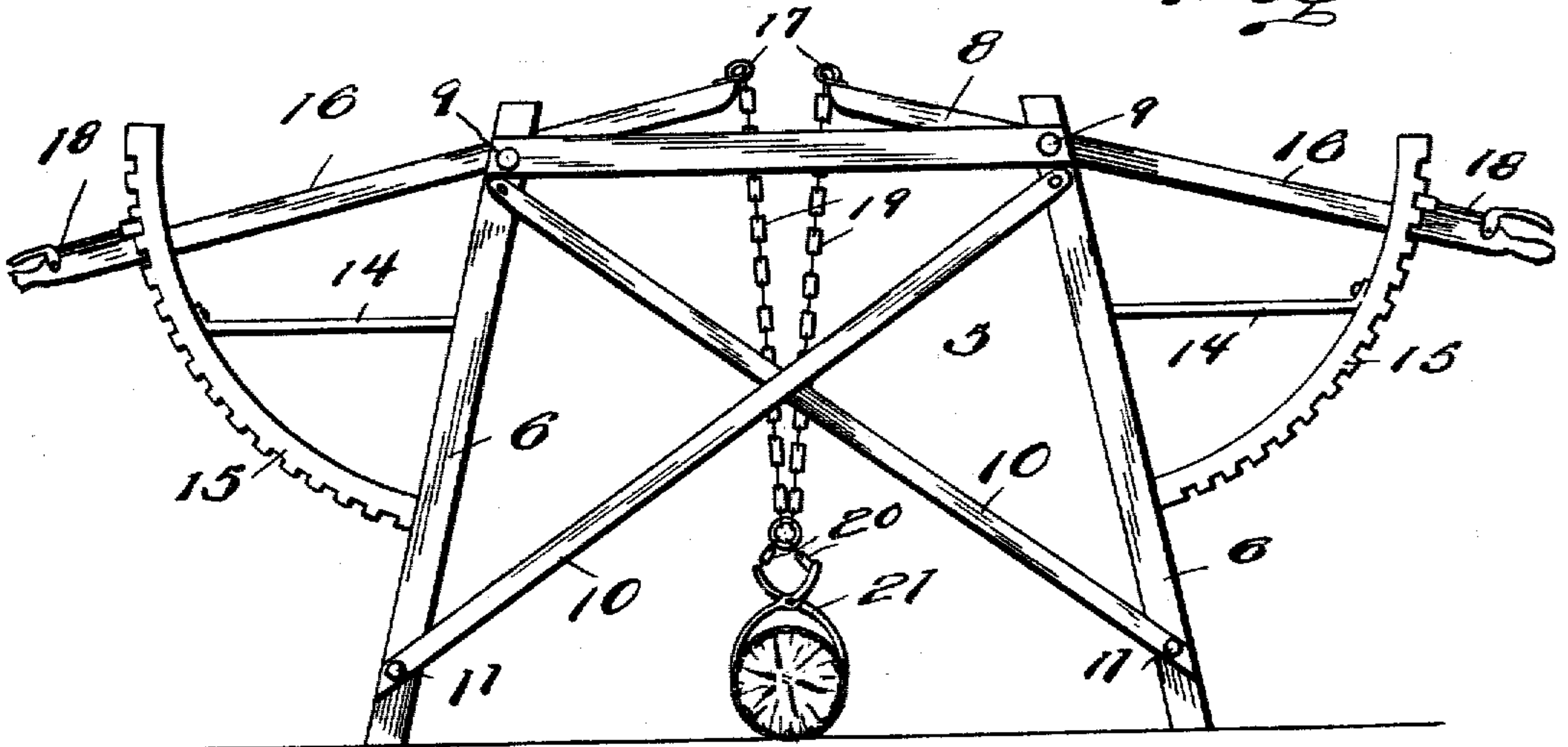
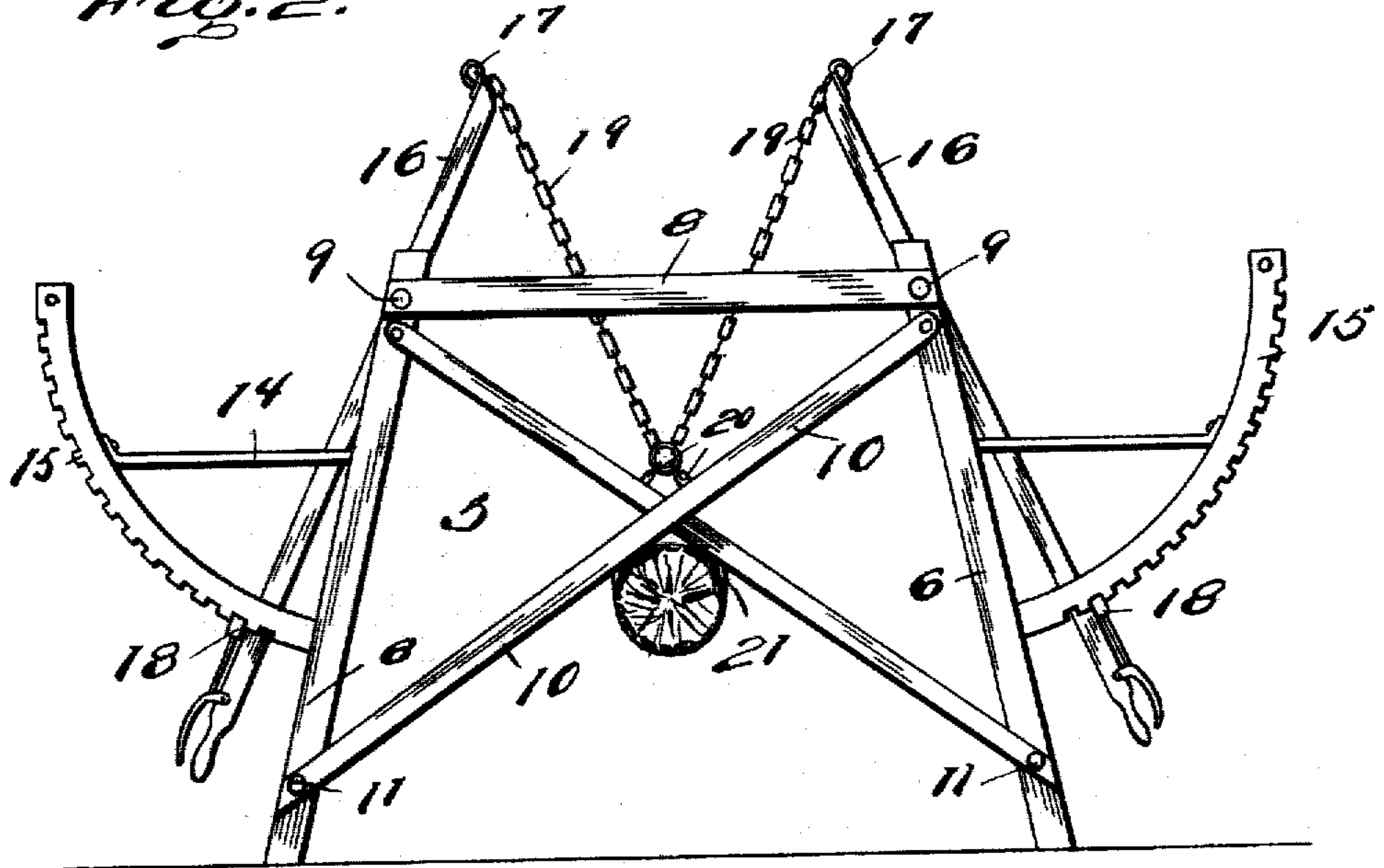


Fig. 2.



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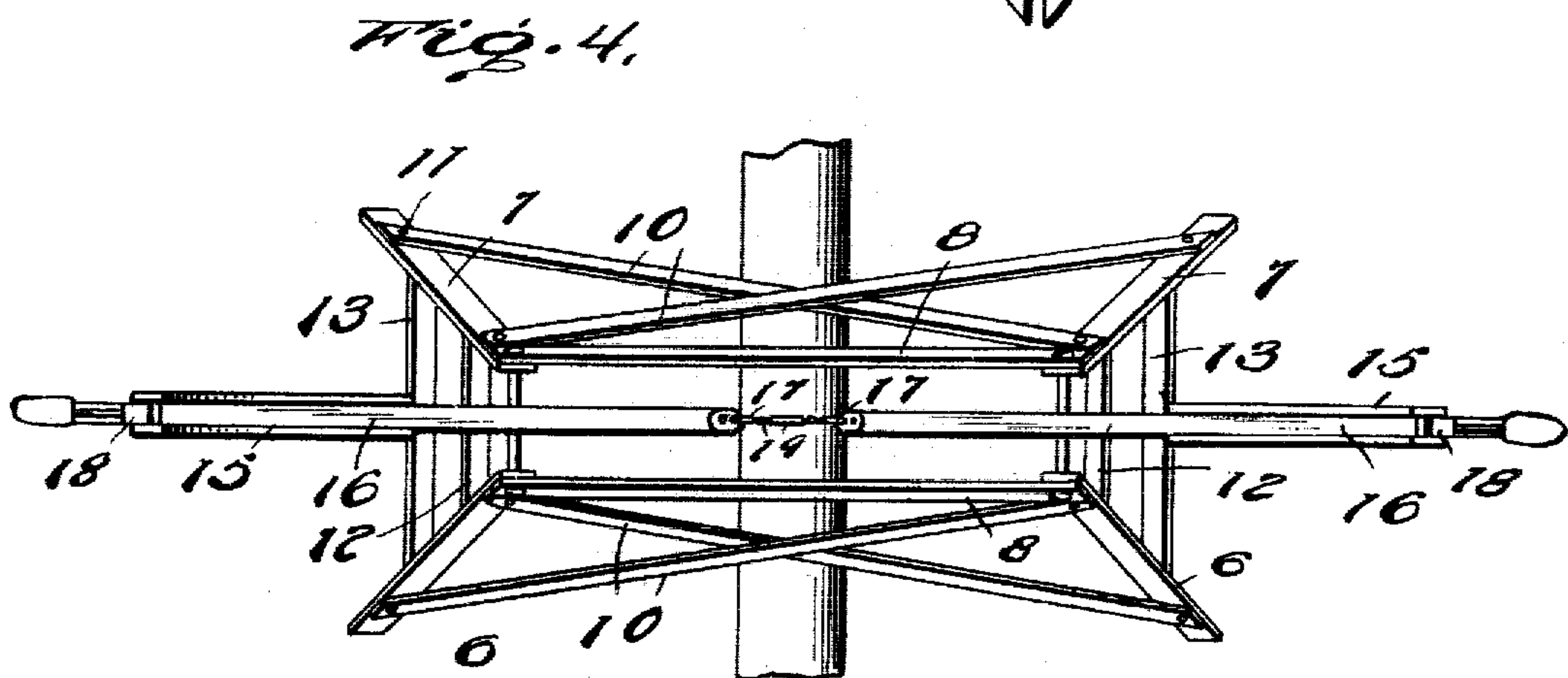
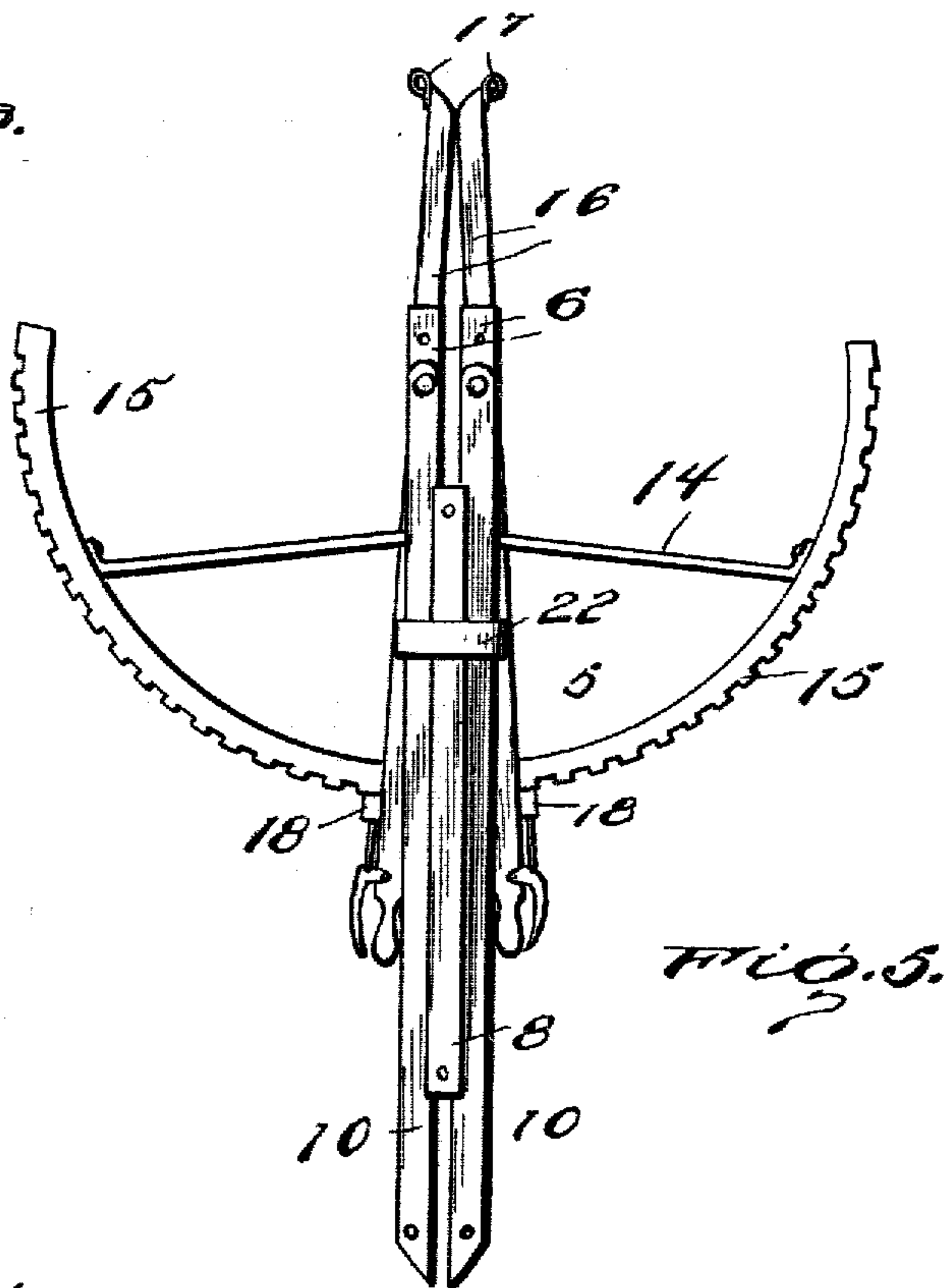
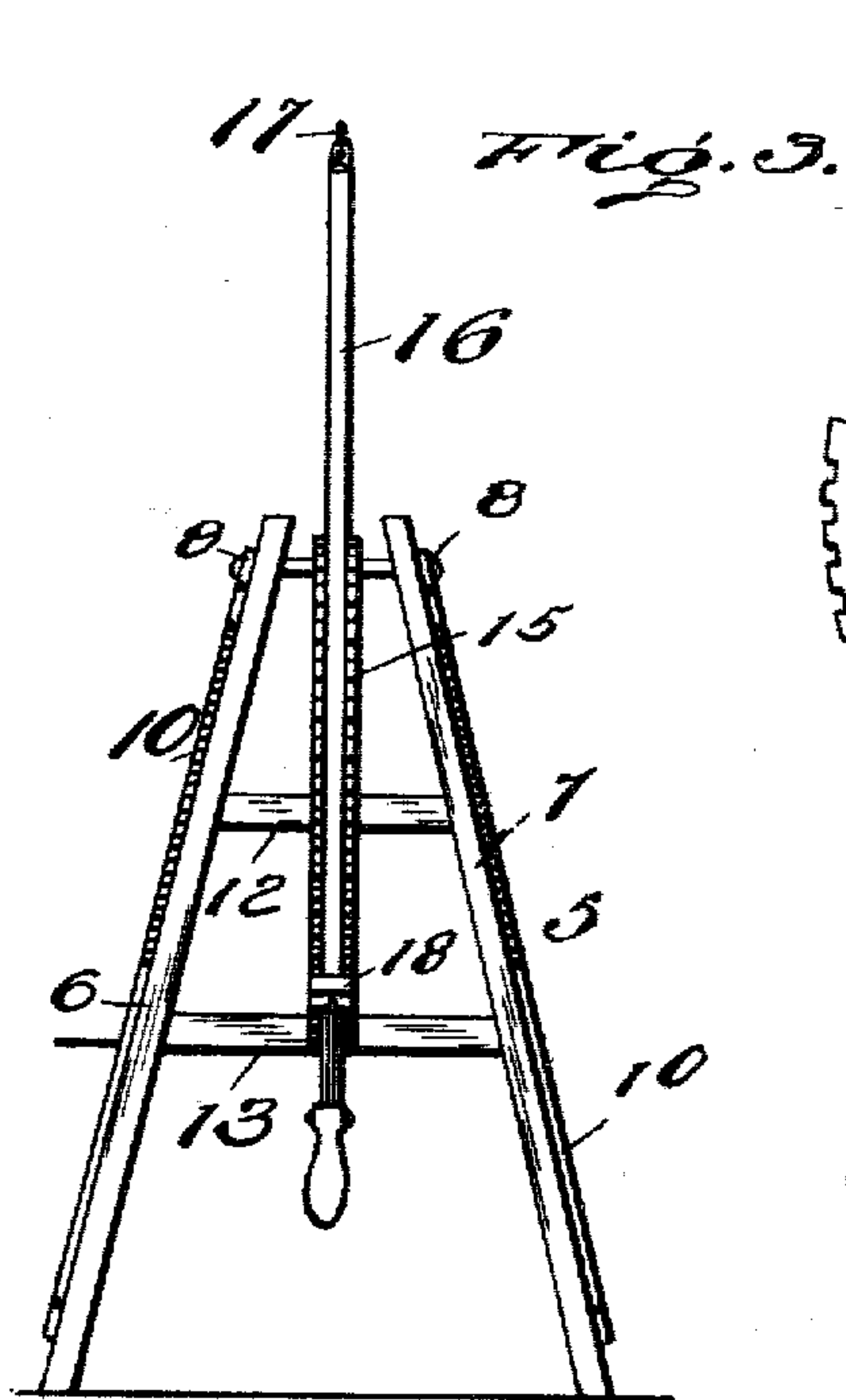
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UNITED STATES PATENT OFFICE.

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SAWBUCK.

No. 814,336.

Specification of Letters Patent.

Patented March 6, 1906.

Application filed June 10, 1905. Serial No. 284,641.

To all whom it may concern:

Be it known that I, ASHLEY DWIGHT THOMAS, a citizen of the United States, residing at Belleville, in the county of Dane, State of Wisconsin, have invented certain new and useful Improvements in Sawbucks; 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 appertains to make and use the same.

This invention relates to sawbucks, and has for its object to provide a device of this nature by means of which logs may be raised from the ground and which will hold logs in position for sawing.

Another object is to provide a sawbuck which may be folded to occupy little space when not in use and which may be manufactured at a low figure.

Other objects and advantages will be apparent from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a side elevation of the present invention, showing the tongs lowered and illustrating a log engaged thereby. Fig. 2 is a view similar to Fig. 1, showing the log raised in position. Fig. 3 is an end view. Fig. 4 is a view of the sawbuck in top plan. Fig. 5 is a view of the device folded.

Referring now to the drawings, the present invention comprises a frame 5, which includes two pairs of upwardly-converging legs 6 and 7, respectively, which have connecting top members 8, removably attached thereto at their upper ends by means of bolts 9 passed through the legs and their members. Diagonal brace-rods 10 are pivotally connected with the legs 6 and 7 adjacent to their upper ends, and these braces are crossed between the pairs of legs and connect the legs of one pair with those of the other, the lower ends of the braces being removably secured in position by means of bolts 11. It will thus be seen that the top members 8 may be removed and that the braces 10 may be folded after removing the bolts 11 to lie against the leg, when the several portions may be disposed one upon another to occupy little space.

Upper and lower horizontal braces 12 and 13, respectively, are secured to the legs 6 and 7 of each pair, and extending outwardly from the braces 12 there are horizontal rods 14, to

the outer ends of which are connected the upper ends of curved rack-bars 15, which extend downwardly and inwardly and which are secured at their lower ends to the braces 13. Pivotally mounted upon the bolts 9 between their ends are levers 16, having hooks 17 at their upper ends, and these levers extend downwardly over the side faces of the rack-bars 15 and are provided with spring-dogs 18, adapted for engagement with the rack-bars to hold the levers at different points of their movement. A chain 19 is engaged at its ends with the hooks 17 and at its center has chains 20 connected therewith, which are secured to the upper ends of a pair of tongs 21, which depend between the members 8, and it will be seen that the levers 16 may be moved upon their pivots to raise and lower these tongs.

In use when it is desired to hold a log in position for sawing, a log is placed beneath the frame 5 and between the pairs of legs. The levers are then operated to lower the tongs, which are engaged with the logs, and the outer ends of the levers are then depressed to raise the log, which is held against the braces 10 at the points at which they cross. The log may then be easily cut with a crosscut-saw, and it will be readily understood that the present buck may be used in connection with logs of different sizes.

What is claimed is—

1. In a sawbuck the combination with a frame including crossed braces, of levers pivoted in the frame, log-engaging devices carried by the levers said levers being movable to hold a log engaged by the devices in an angle of the crossed braces and means for holding the levers with a log in such a position.

2. A sawbuck comprising a frame including legs and crossed braces, of levers pivoted between the legs, log-engaging devices connected with the levers said levers being movable to permit of the engagement of the devices with a log and to bring a log thus engaged into an angle of the crossed braces and means for holding the levers at different points of their movement.

3. In a sawbuck the combination with a collapsible frame including spaced pairs of legs and crossed braces pivotally connected with the legs at one end and removably connected therewith at their opposite ends, of a lever pivoted between the legs of each pair,

log-engaging tongs connected with the levers
at one end, said levers being movable to bring
the tongs into position for engagement with
a log disposed between the pairs of legs and
5 to raise a log thus engaged to bring it into an
angle of the crossed braces, rack-bars con-
nected with the pairs of legs and retaining
devices carried by the lever and adapted for

engagement of the rack-bars to hold the le-
vers at different points of their movement. 10

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

A. DWIGHT THOMAS.

Witnesses:

C. E. STEVENS,
JOHN RASHFORD.