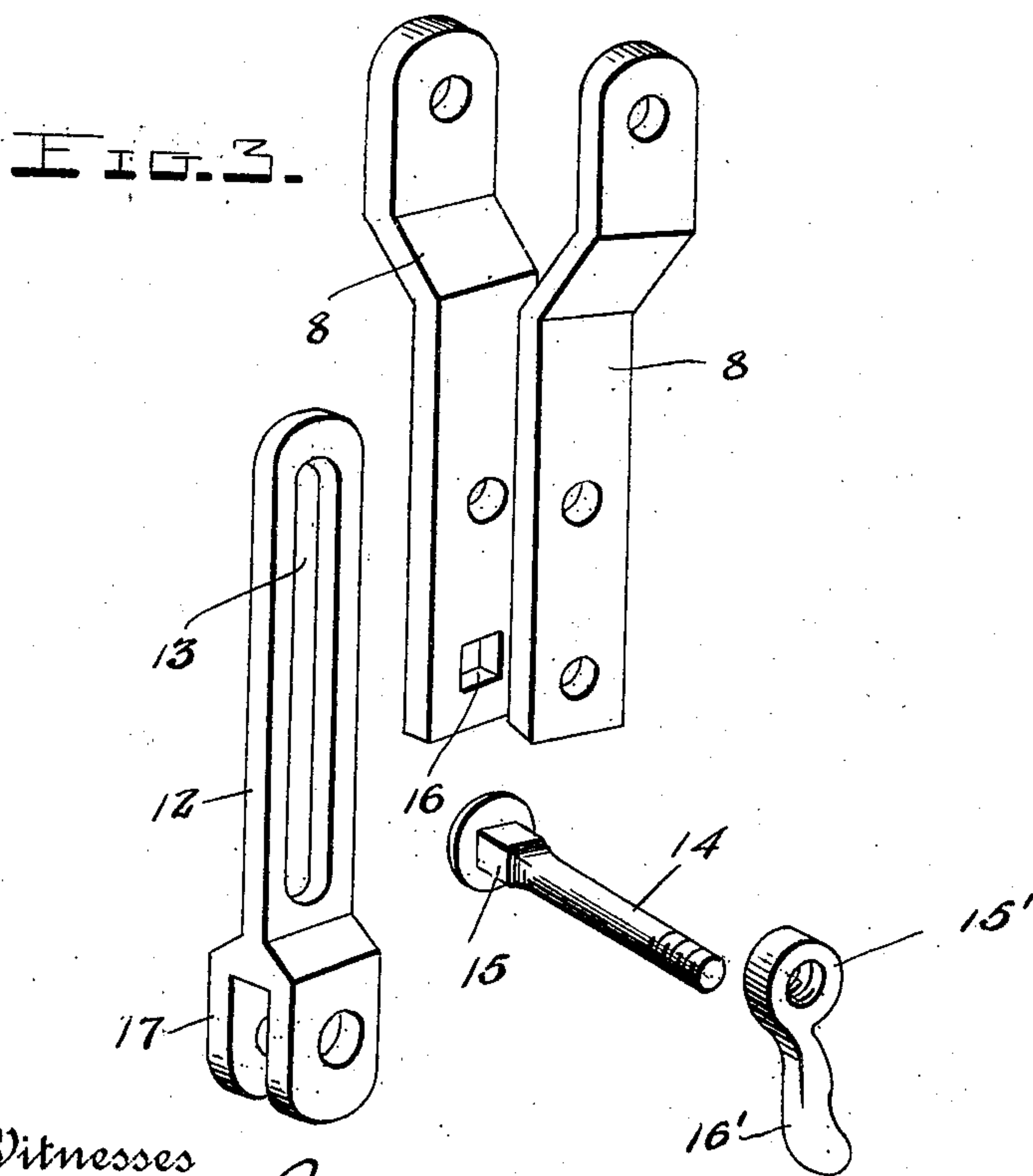
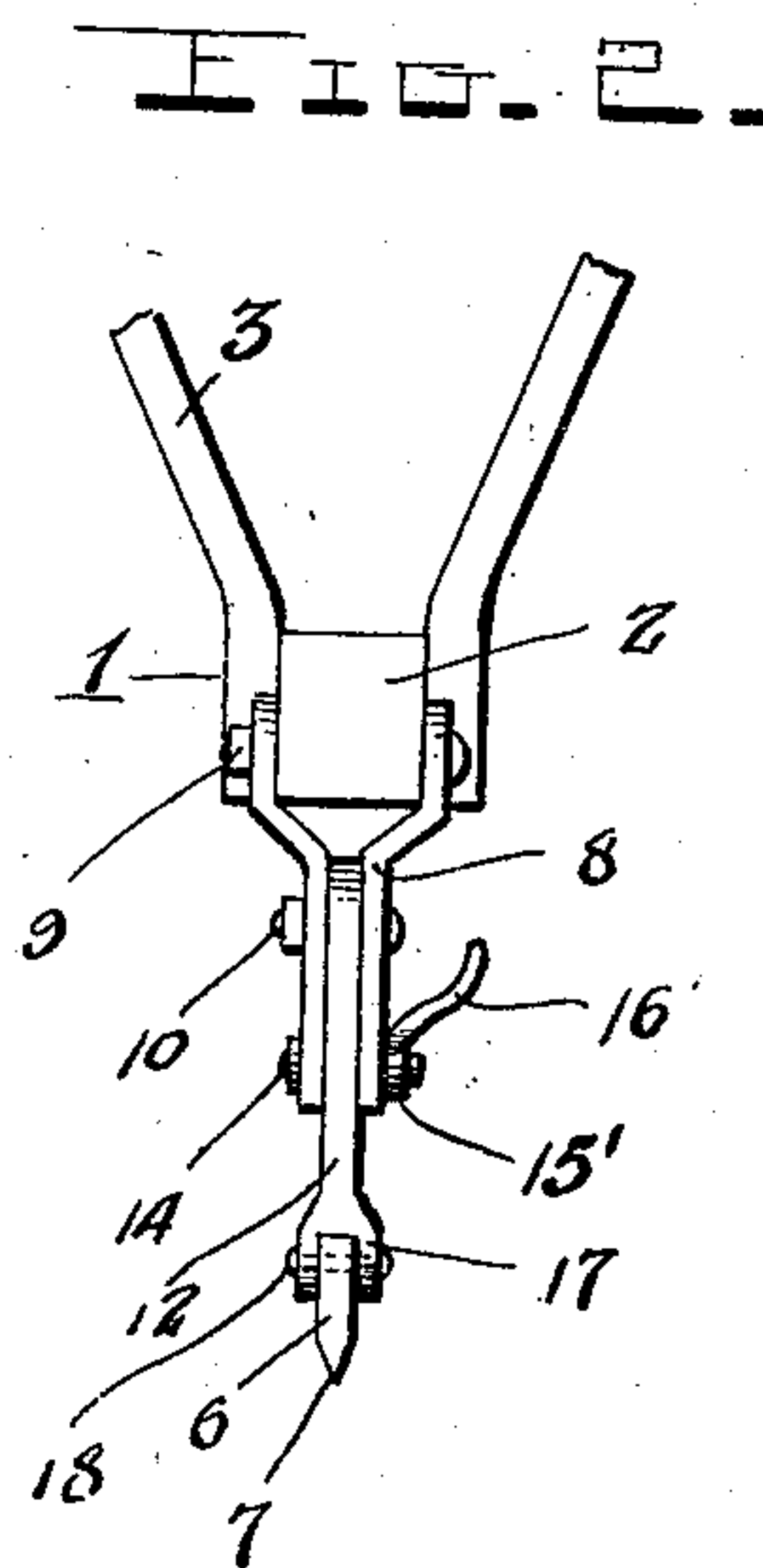
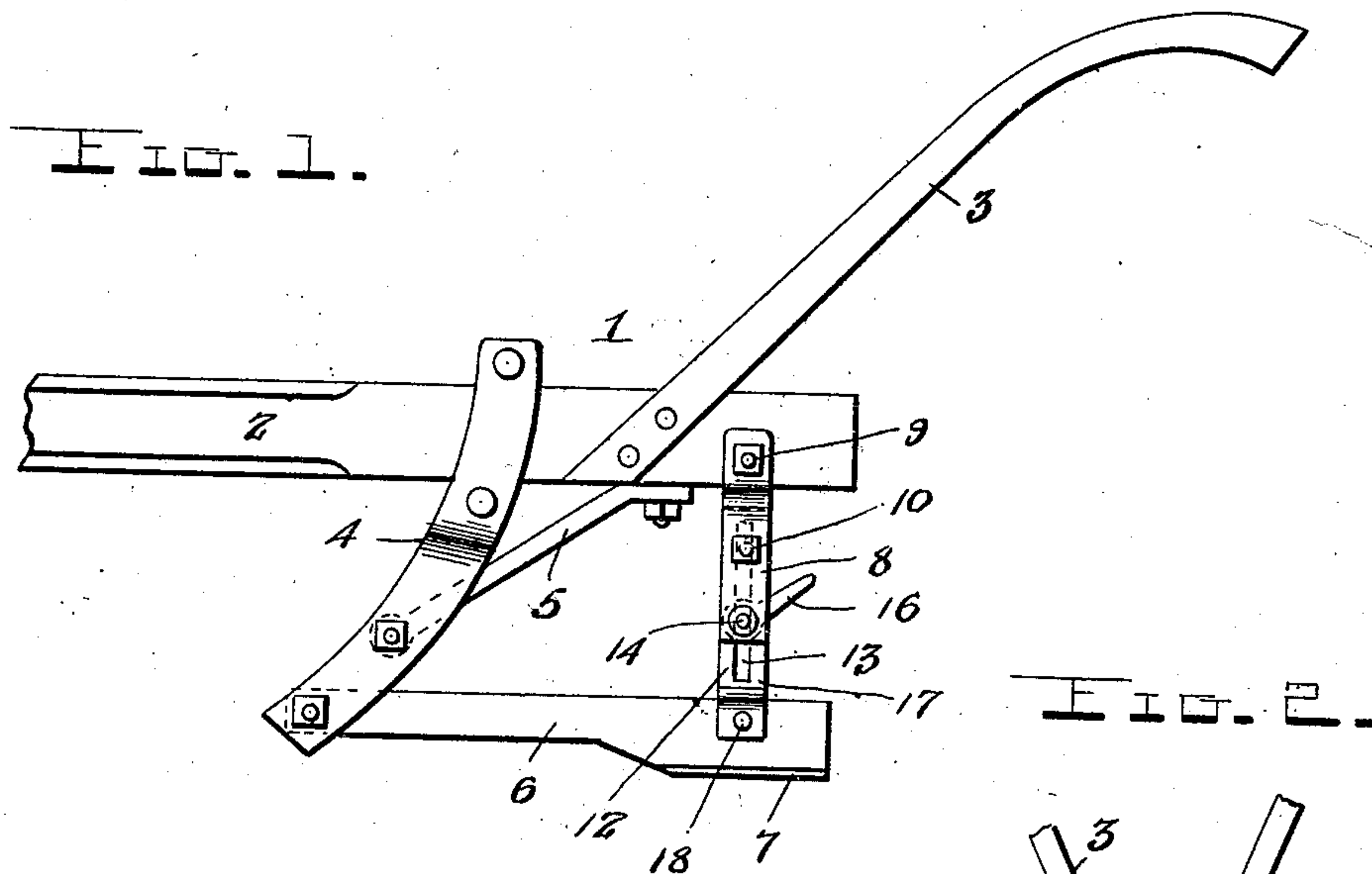


J. H. HEWITT.
SWEEP STOCK ATTACHMENT FOR PLOWS.
APPLICATION FILED MAY 14, 1908.

928,653.

Patented July 20, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN HENRY HEWITT, OF TUNIS, TEXAS.

SWEEP-STOCK ATTACHMENT FOR PLOWS.

No. 928,653.

Specification of Letters Patent.

Patented July 20, 1909.

Application filed May 14, 1908. Serial No. 432,878.

To all whom it may concern:

Be it known that I, JOHN HENRY HEWITT, a citizen of the United States, residing at Tunis, in the county of Burleson and State of Texas, have invented certain new and useful Improvements in Sweep-Stock Attachments for Plows; and I do 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 improvements in plow shoes and means for attaching the same to a plow.

The object of the invention is to provide an attachment of this character having means by which the same may be quickly and easily lengthened or shortened and the shoe thereby adjusted without the use of a wrench or other tool.

With this and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a side view of a plow showing the application of my invention thereto; Fig. 2 is a rear view of the same; and Fig. 3 is a detail perspective view of the shoe adjusting mechanism showing the parts separated.

Referring more particularly to the drawings, 1 denotes the plow, having a beam, 2, handles, 3, and a standard, 4, on the lower end of which may be arranged any suitable form of shovel (not shown). The plow standard is provided with a suitable brace, 5, which is secured at its upper end to the beam and is pivotally connected at its lower end to the standard, as shown. These parts may be of the usual or any desired construction.

Pivotally secured at its forward end to the lower end of the plow standard is a rearwardly projecting shoe, 6, the rear portion of which is provided with a cutting edge, 7. The rear end of the shoe is adjustably supported by means of a link, 8, consisting of a pair of flat metal bars, having their upper ends offset to engage each side of the rear end of the plow beam, to which they are attached by a bolt, 9.

The lower portion of the bars forming the link are connected together by a transversely disposed guide bolt, 10, and between said bars is arranged a shoe adjusting bar, 12, in which is formed a vertically disposed slot,

13, through which the bolt 10 passes, and through which and the lower ends of the stock bars is also passed a clamping bolt, 14, having on one end a squared portion, 15, to engage a square opening, 16, in one of the plates of the link, whereby the bolt is held against rotation. The opposite end of the bolt 14 is threaded and on said threaded end is adapted to be screwed a clamping nut, 15', provided with an operating tail, 16', by means of which the nut, when screwed up on the bolt, 14, will clamp the two bars of the link together into tight engagement with the upper portion of the adjusting bar, 12, and thus secure the same in its adjusted position. The lower end of the bar, 12, is enlarged and bifurcated as shown at 17, and said bifurcated end is engaged with the upper edge of the shoe and is secured thereto by a bolt, or rivet, 18, said enlargement forming exterior shoulders on the opposite sides of said adjusting bar to provide stops for engagement with the lower ends of the bars 8 to limit the upward movement of said adjusting bar between said bars 8. By thus connecting the rear end of the plow shoe with the link 8, said rear end may be raised or lowered to any desired position and securely clamped in its adjusted position by means of the clamping bolt, and nut, 15, thereby dispensing with the necessity of employing a wrench or other tool to effect the said adjustment.

From the foregoing description, taken in connection with the accompanying drawing, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended claim.

Having thus described my invention, what I claim as new and desire to secure by Letters-Patent, is:

A plow shoe adjusting device comprising two bars having their upper ends off-set in opposite directions to receive a plow beam between them, the body portions thereof being provided with vertically spaced apertures, the apertures in one bar registering with those in the other bar and one of the apertures in one bar being angular, an adjusting bar having a longitudinally slotted

portion operable between said apertured bars
and having its lower end enlarged and bifur-
cated to engage a plow shoe, said enlarge-
ment forming exterior shoulders for engag-
5 ing the lower ends of said first mentioned
bars to limit the upward movement of said
adjusting bar there-between, and bolts pass-
ing through the registering spaced apertures
in said first mentioned bars and through the
10 slot in said adjusting bar to provide for the
clamping of said adjusting bar at a desired

point and the guiding and holding of said
bar against pivotal swinging movement, one
of said bolts having an angular portion to
fit in the angular aperture.

15

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit-
nesses.

JOHN HENRY HEWITT.

Witnesses:

R. B. LITTLE,

J. J. McCASLAND.