

No. 760,188.

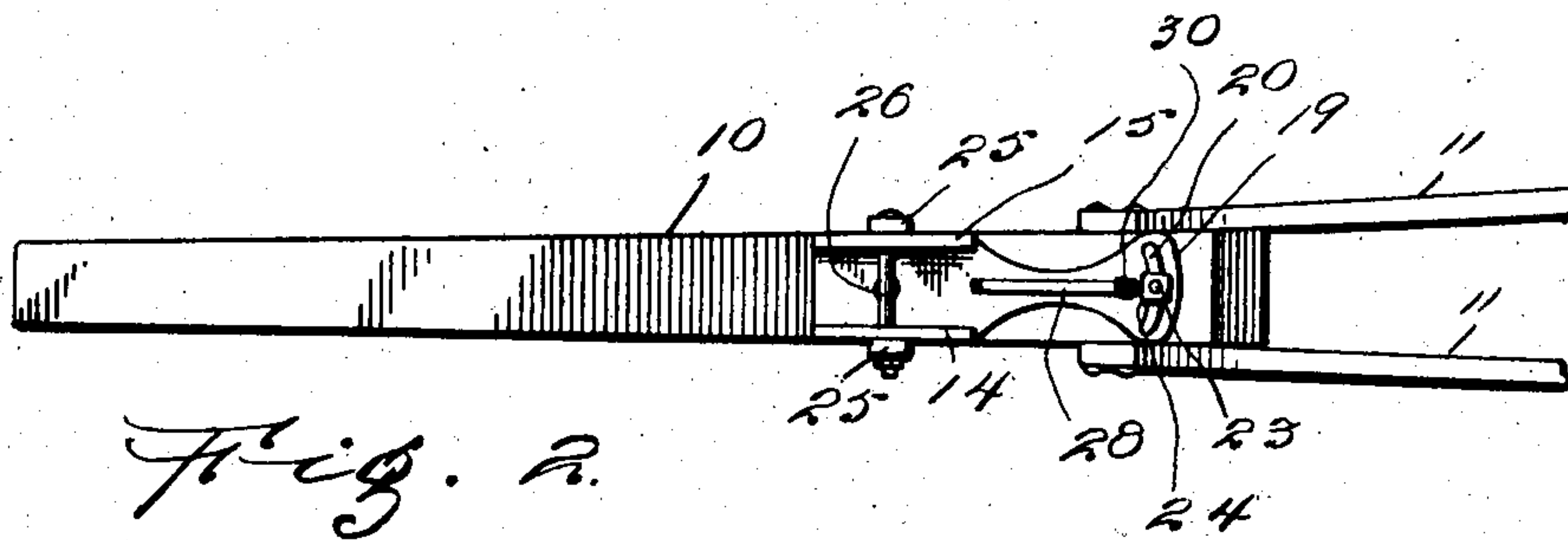
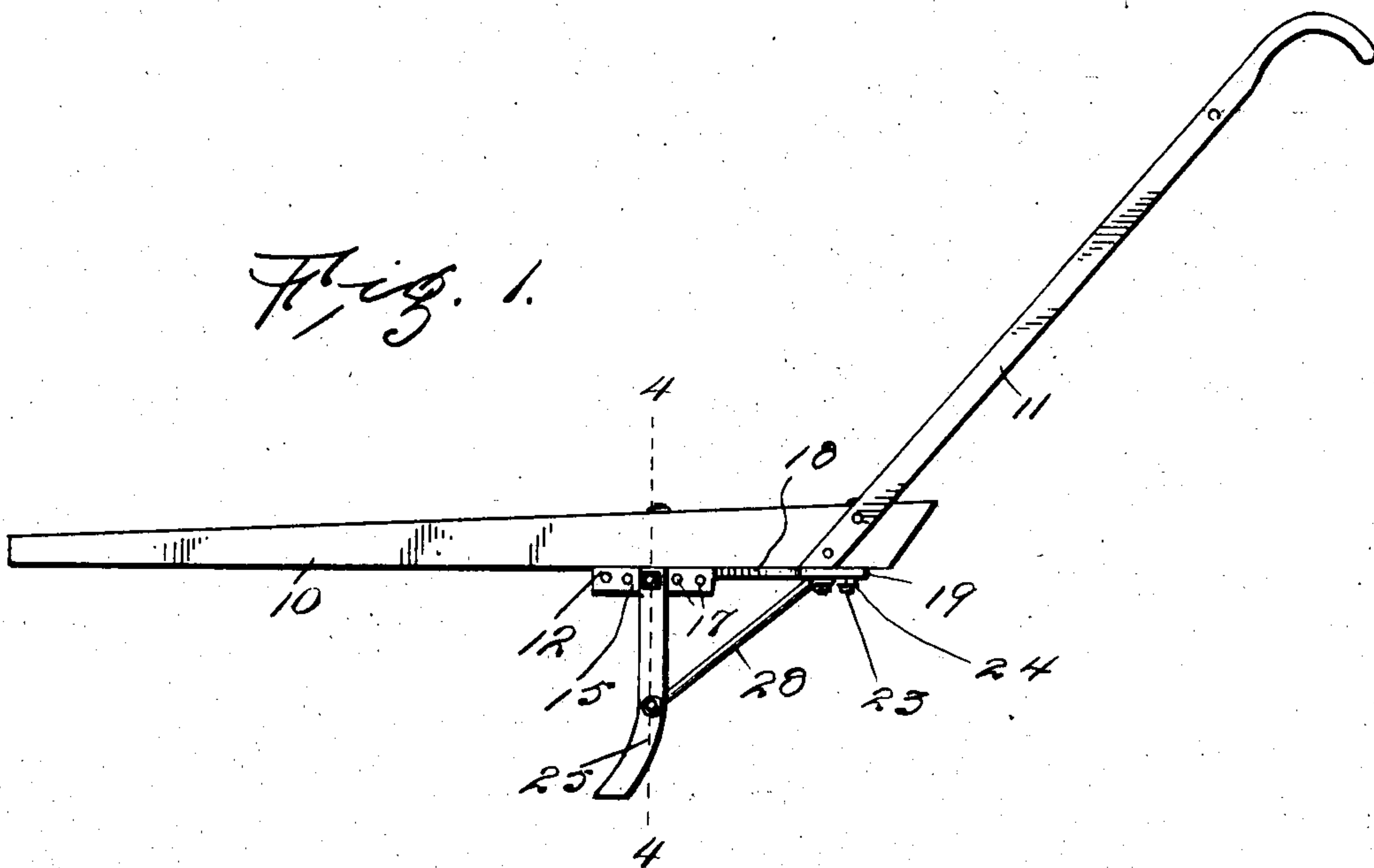
PATENTED MAY 17, 1904.

G. D. FRANKLOW.  
PLOW.

APPLICATION FILED DEC. 4, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses  
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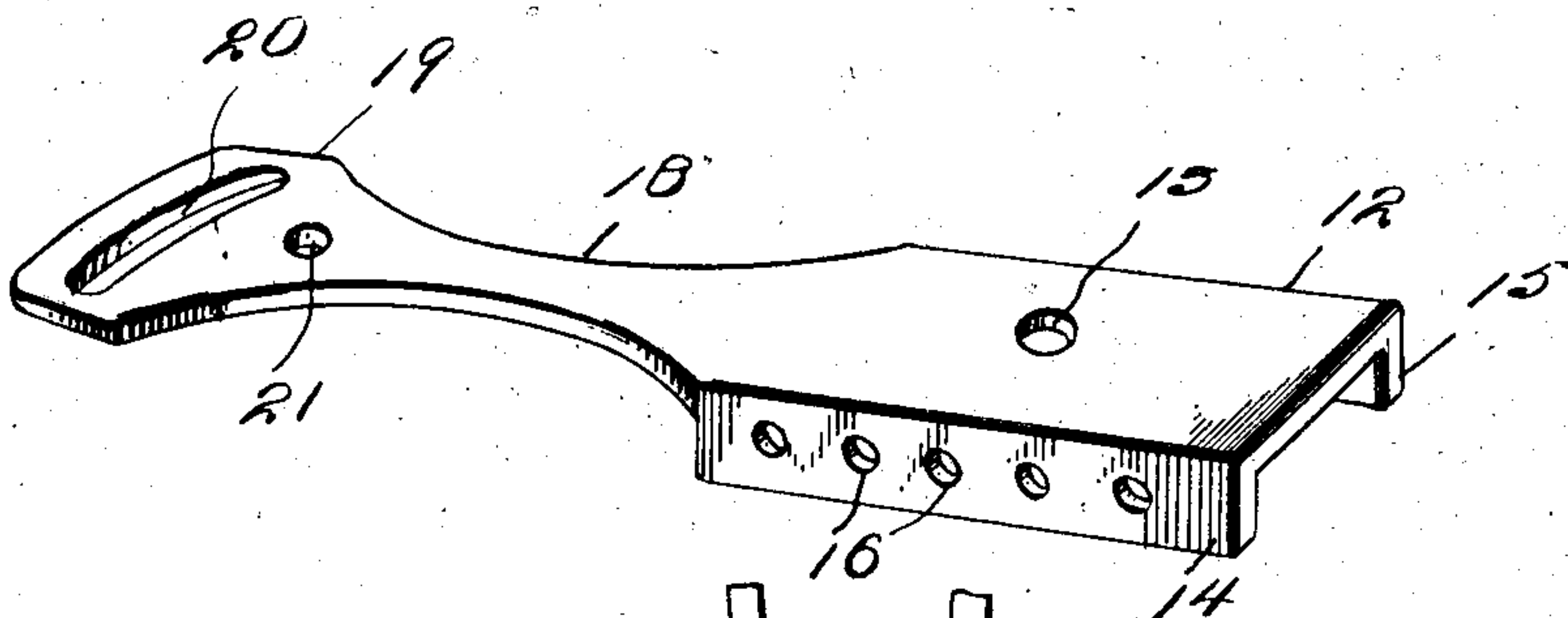
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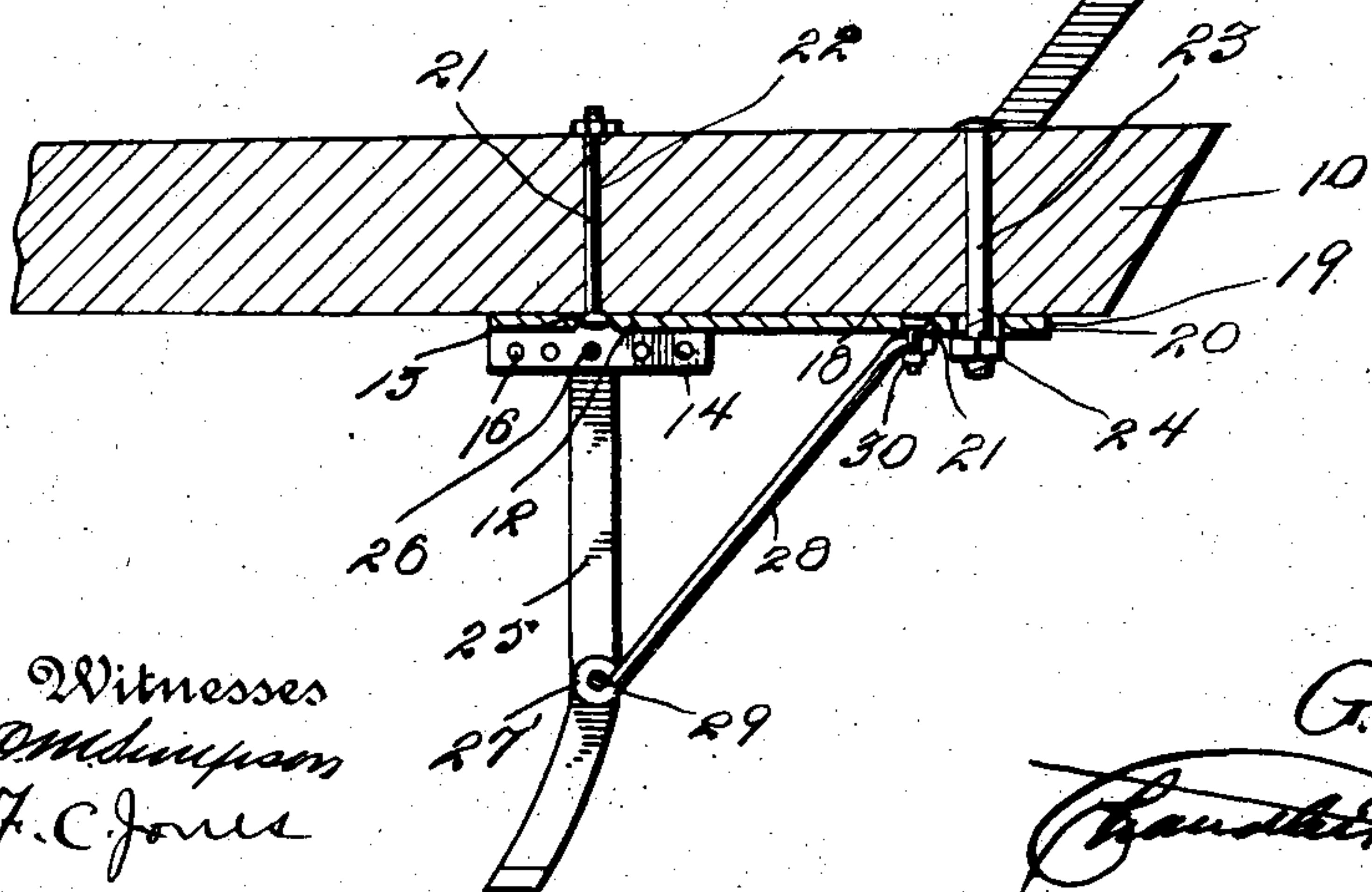
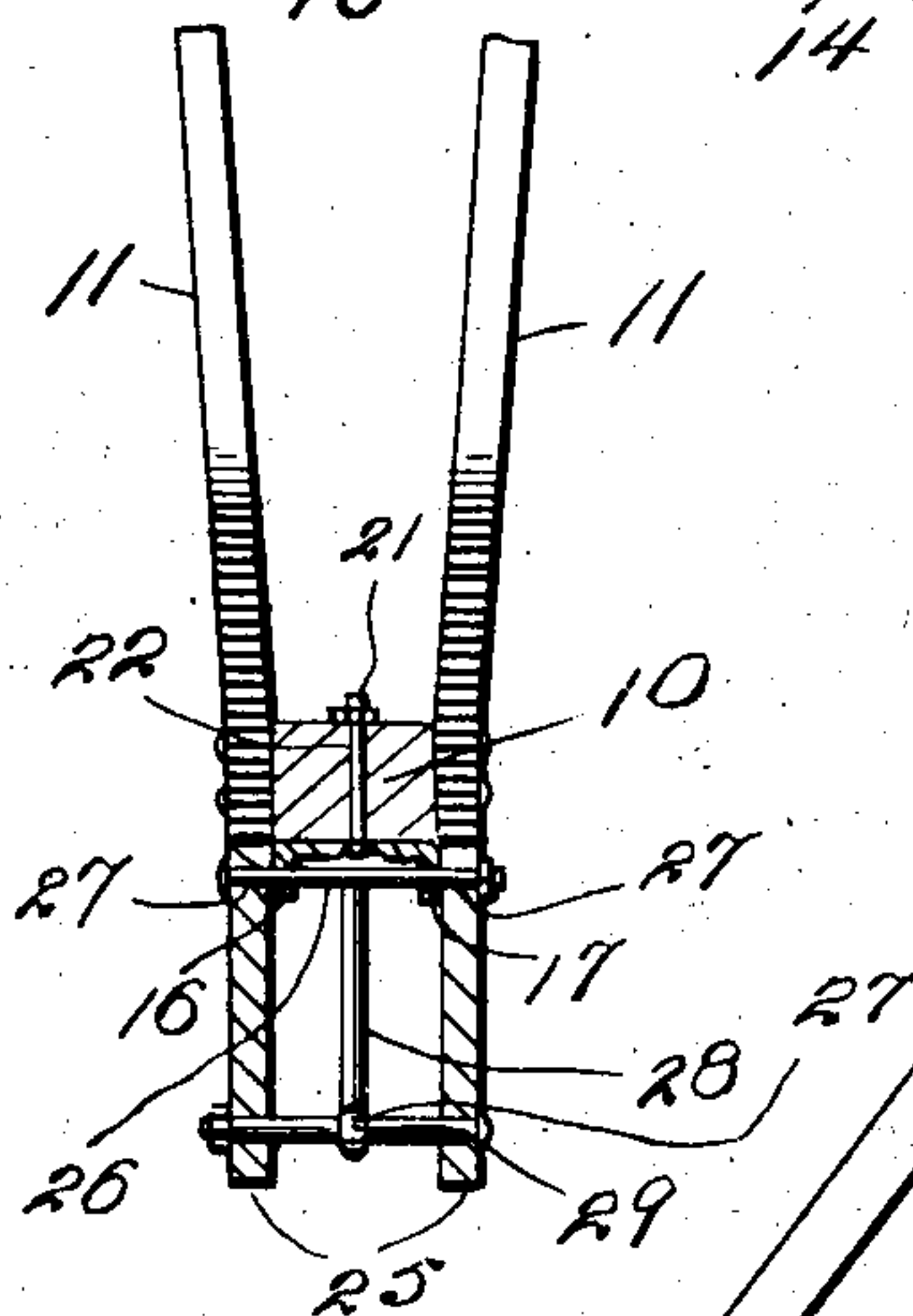
NO MODEL.

2 SHEETS—SHEET 2.

*Fig. 3.*



*Fig. 4.*



*Fig. 5.*

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# UNITED STATES PATENT OFFICE.

GEORGE D. FRANKLOW, OF LEESVILLE, SOUTH CAROLINA.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 760,188, dated May 17, 1904.

Application filed December 4, 1903. Serial No. 183,766. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE D. FRANKLOW, a citizen of the United States, residing at Leesville, in the county of Lexington, State of South Carolina, have invented certain new and useful Improvements in Plows; 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 plows; and it has for its object to provide a cheap, simple, and easily-adjustable means for connecting the standard or foot with the plow-beam in such manner as to permit of varying the angle at which the share enters the earth and also varying the angle between the share and the direction of movement of the plow in action.

In the drawings forming a portion of this specification, in which like numerals of reference indicate similar parts in the several views, Figure 1 is a side elevation of a plow embodying the present invention. Fig. 2 is a bottom plan view of the plow-beam with the attaching-plate, the standard with its brace being broken away. Fig. 3 is a detail perspective view of the attaching-plate. Fig. 4 is a section on line 4 4 of Fig. 1. Fig. 5 is a longitudinal section taken vertically through the rear portion of the beam.

Referring now to the drawings, there is shown a plow, including a beam 10, at the rear end of which are secured the handles 11, which are fastened by means of bolts in the usual manner. In connection with the beam there is employed an attaching-plate for the standard, consisting of a front or body portion 12, in the form of a flat plate, having a central perforation 13, the sides 14 and 15 of the plate being bent downwardly, as illustrated, to form longitudinal flanges. Through the flanges 14 and 15 are formed series of perforations 16 and 17, which aline transversely of the plate in pairs. Extending rearwardly from the body portion 12 is a narrowed neck 18, which terminates in a broadened head 19, through which is formed a slot 20, which extends transversely of the head and is of arc shape, the curvature being struck from the perforation 13 as a center. Through the head

19, in advance of the slot 20 and adjacent thereto, is formed a perforation 21. This attaching-plate is pivotally mounted against the under side of the beam 10 through the medium of a bolt 21, which is passed upwardly through the perforation 13 and through an alining perforation 22 in the beam, the pivotal movement of the attaching-plate being limited by means of a bolt 23, which is passed through the beam 10 and through the slot 20, in which latter it fits loosely. By tightening the nut 24 of the bolt 23 the attaching-plate will be held against pivotal movement.

The plow-standard is shown at 25, and the upper end thereof is fitted between the flanges 14 and 15, in which position it is held by means of a bolt 26, which is passed through a pair of alining perforations 16 and 17 and through the perforations 27 in the standard, the standard being adapted to swing on the bolt 26. The standard 25 comprises spaced sides, as illustrated, and between them at a point below the bolt 26 is disposed the eye 27 at the forward end of a brace 28, a bolt 29 being passed through the said eye and through the sides of the standard. The brace 28 is continued upwardly and rearwardly, and through its rear end is passed a bolt 30, which is engaged in the perforation 21, the upper end of said perforation being countersunk, so that the head of the bolt is received flush with the top of the plate and does not interfere with pivotal movement of the latter.

With the construction above described it will be understood that by shifting the bolt 26 to different perforations of the flanges 14 and 15 the angle between the standard and the beam will be varied, so that the angle at which plowshare enters the earth will be varied with the well-known results. Furthermore, by shifting the attaching-plate on its pivot-bolt the standard will be partially rotated to a corresponding degree, so that the angle of the share to the direction of active movement of the plow will be varied.

It will be understood from the foregoing that the structure presented permits of easy and quick adjustment, while it is rigid, strong, and durable.

In practice modifications of the specific con-

struction shown may be made, and any suitable materials and proportions may be used for the various parts without departing from the spirit of the invention.

5 What is claimed is—

10 In a plow, the combination with a beam, of an attaching-plate, having depending side flanges provided each with a longitudinal series of perforations, a bolt passed through the beam and through the plate at a point between the flanges of the latter and on which bolt the plate is pivotally movable, said plate having a transverse slot therethrough in the rear of its flanged portions, a clamping-bolt passed

vertically through the slot and the beam, a 15 standard disposed with its upper end between the flanges of the plate, a bolt passed through the standard and a pair of perforations of the flanges of the plate and adapted for engagement with said perforations interchangeably, 20 and a brace connected to the plate and to the standard.

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

GEORGE D. FRANKLOW.

Witnesses:

W. D. BARR,

J. W. ASBILL.