

No. 607,934.

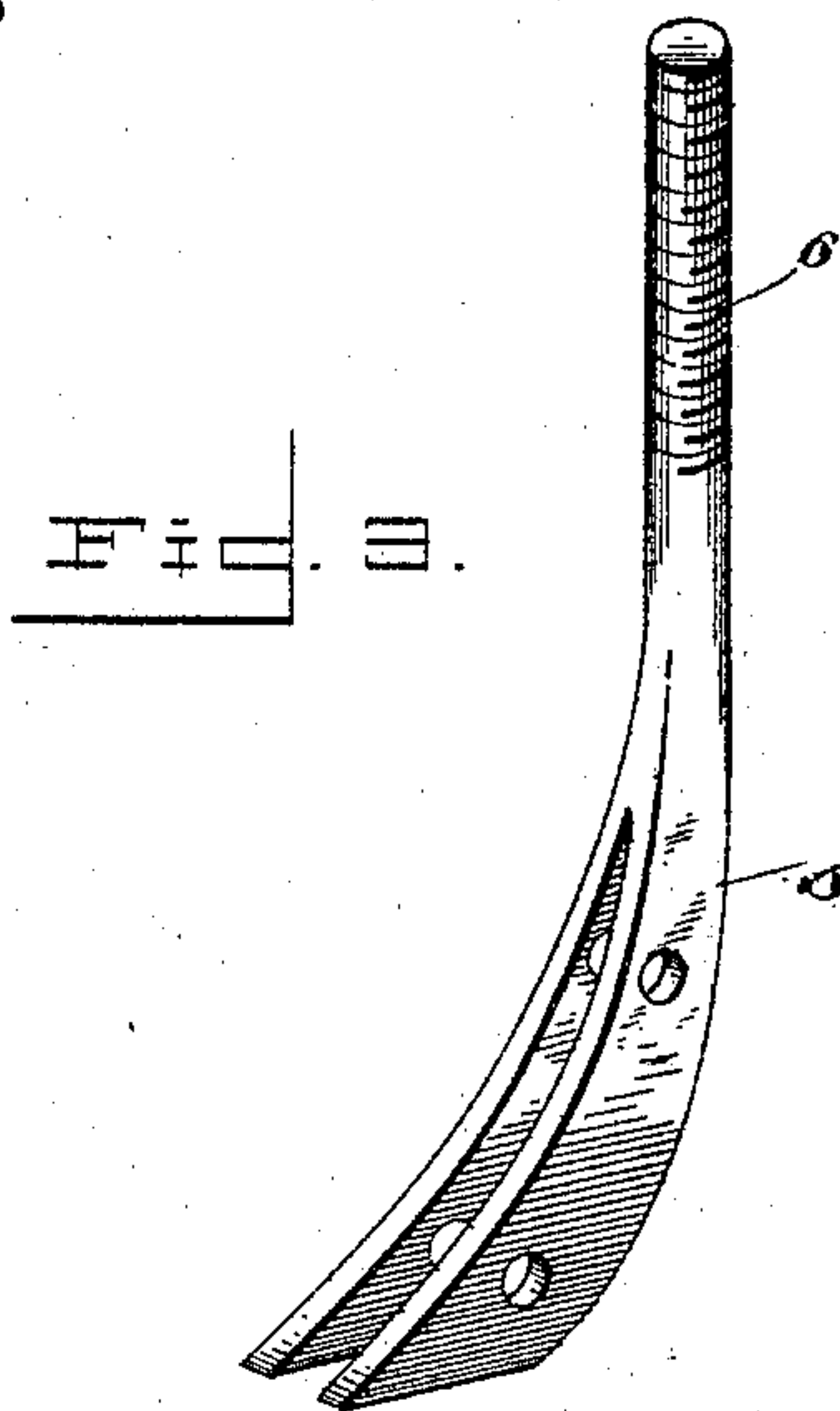
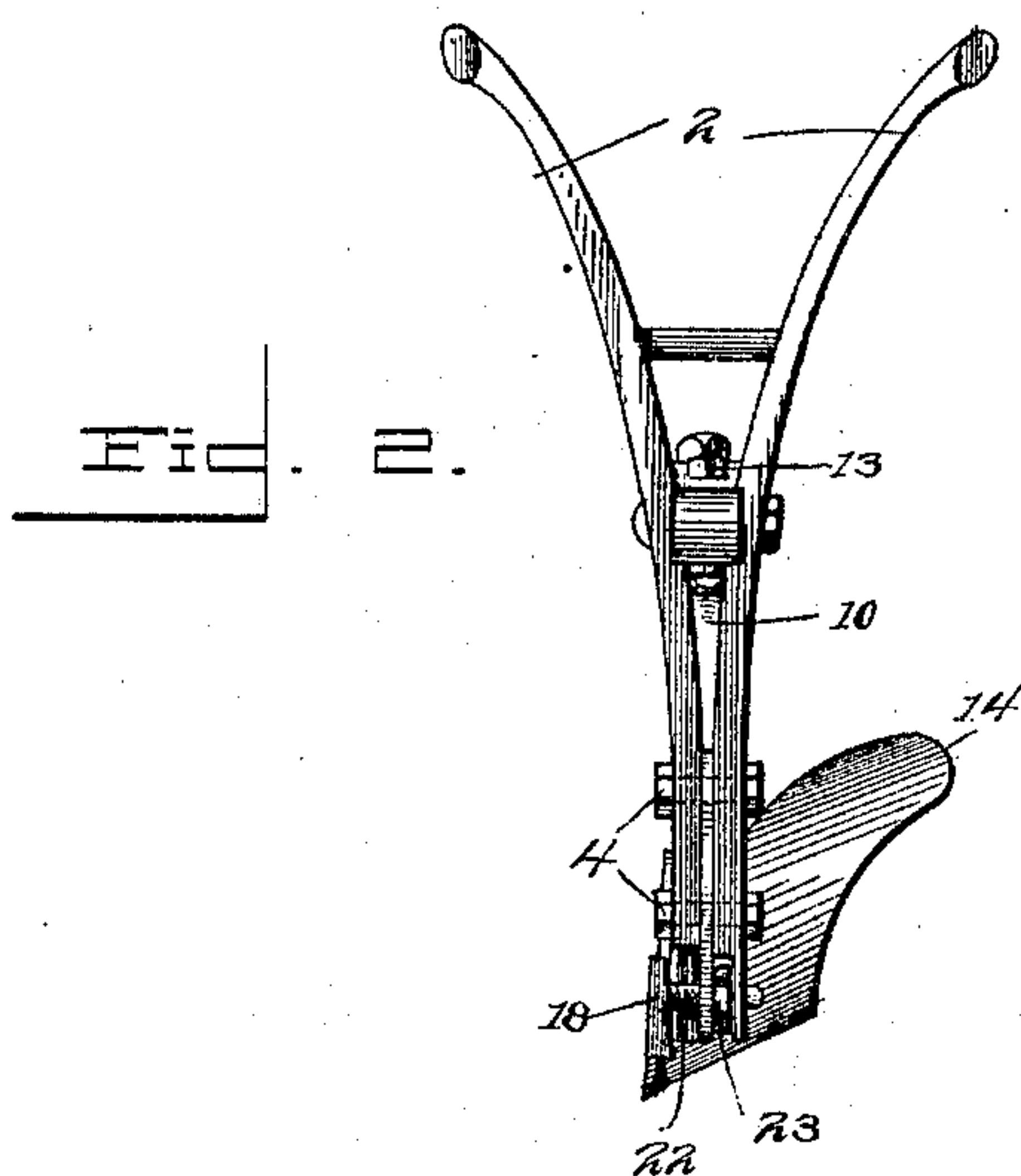
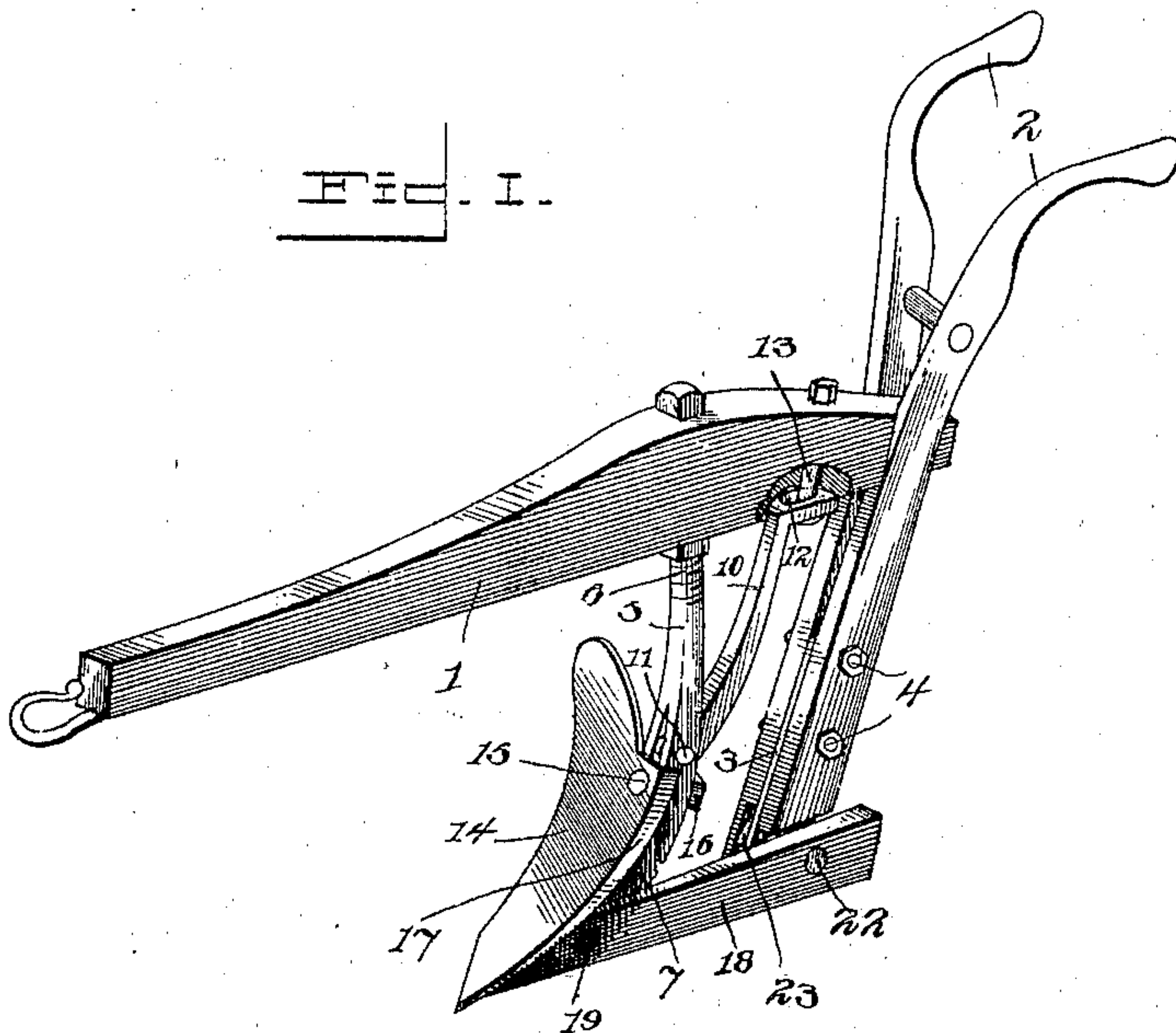
Patented July 26, 1898.

L. LEA.  
PLOW.

(Application filed Dec. 16, 1897.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses:

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2 Sheets—Sheet 2.

Fig. 4.

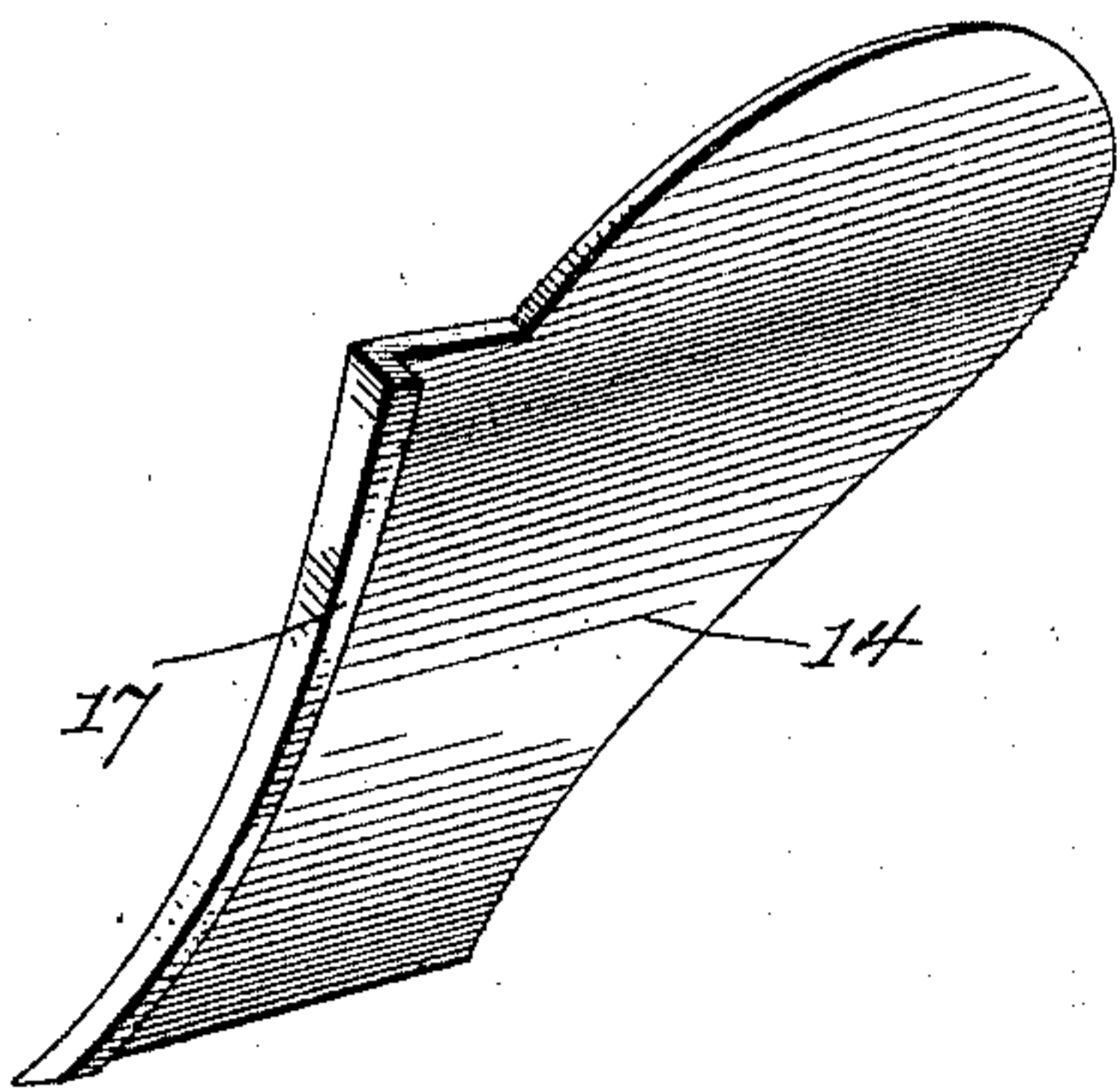


Fig. 5.

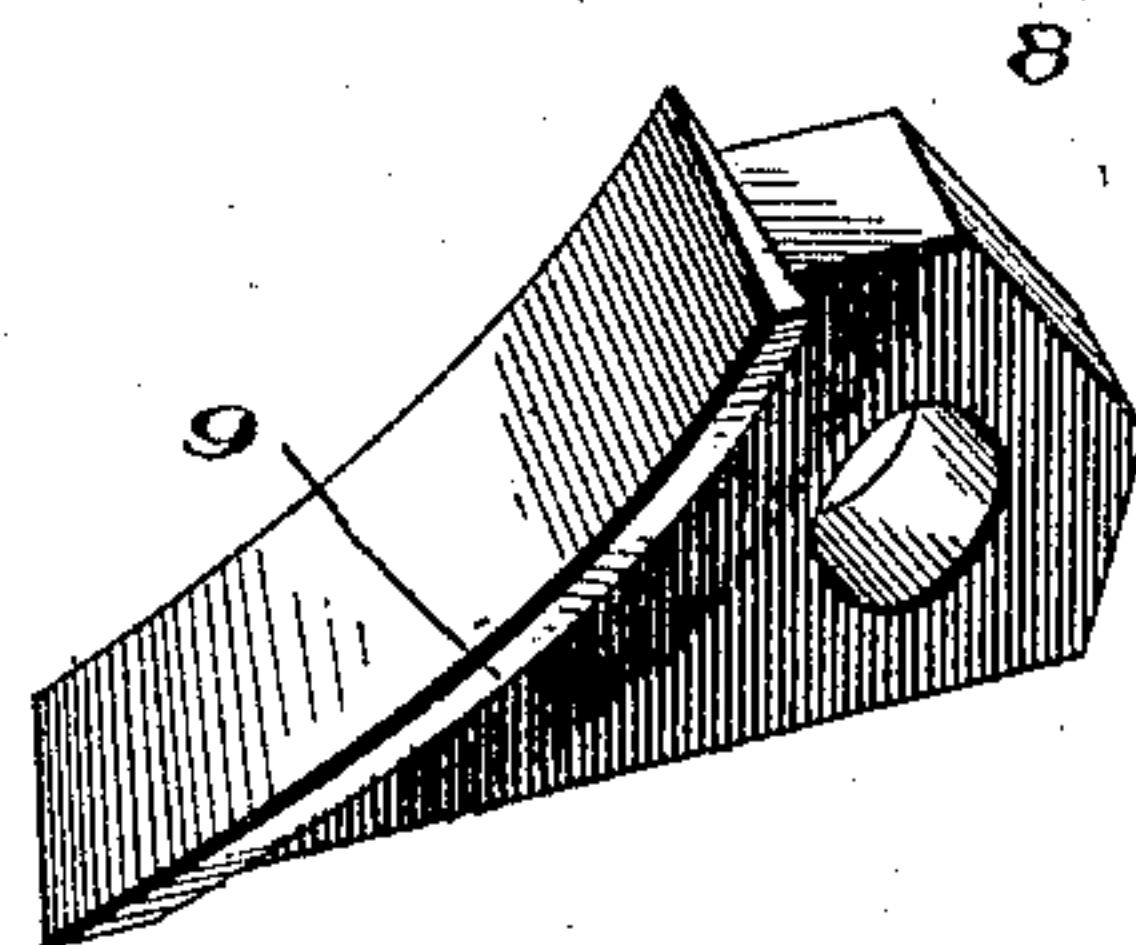
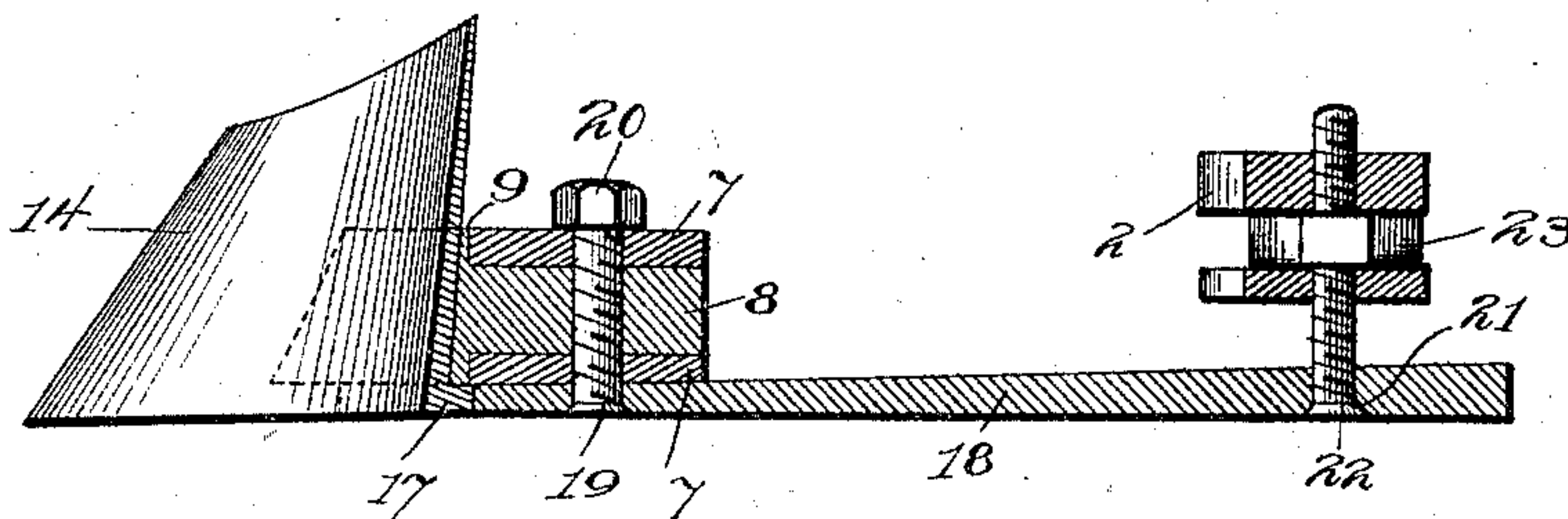


Fig. 6.



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# UNITED STATES PATENT OFFICE,

LEANDER LEA, OF FRANKLINTON, LOUISIANA.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 607,934, dated July 26, 1898.

Application filed December 16, 1897. Serial No. 662,130. (No model.)

*To all whom it may concern:*

Be it known that I, LEANDER LEA, a citizen of the United States, residing at Franklinton, in the parish of Washington and State of Louisiana, have invented certain new and useful Improvements in 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.

My invention has relation to plows; and the object is to provide a simple, strong, and inexpensive plow and means whereby the moldboard of the plow may be adjusted to meet certain requirements and the landside adjusted to give the plow more land.

With this object in view the invention consists in certain features of construction and combination of parts, which will be herein-  
after fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved plow. Fig. 2 is a rear view of the same. Fig. 3 is a detail perspective view of the stock removed from the plow. Fig. 4 is a similar view of the moldboard. Fig. 5 is a similar view of the spacing-block, and Fig. 6 is a longitudinal sectional view through the landside and the parts in advance and to one side thereof.

In said drawings, 1 denotes the plow-beam, and 2 the handles. The handles are connected to the plow-beam and project downwardly, and one at its extreme lower end is recessed, and the end of the other does not project quite so far down. Arranged between the lower ends of these handles is a plate 3, which is clamped in position by bolts 4.

5 denotes the plow-stock, which has its upper solid end screw-threaded, as shown at 6, and its lower curved end bifurcated to form two members 7 7, spaced apart by a block 8, having side flanges 9, that rest on the forward edges of the bifurcated members.

10 denotes a brace which projects between the upper ends of the bifurcated members and is pivoted thereto by a stud 11. The upper end of this brace projects at an angle to its body portion and is provided with an elongated slot 12, through which passes a bolt 13.

14 denotes the moldboard of the plow, which is secured to the stock by a bolt 15,

projecting through the bifurcated members thereof and held in place by a nut 16. The straight or landside edge of the moldboard is provided with a longitudinal rib 17, that embraces the side edge of one of the bifurcated members and makes a finished joint, as well as preventing the moldboard twisting or turning upon its pivot when not in use.

18 denotes the landside, which is bolted to the lower end of the bifurcated members of the stock and the spacing-block by a bolt 19 and nut 20. This landside gradually increases in thickness from its forward end to its rear end, which is provided with a countersunk aperture 21.

22 denotes an adjusting-screw having a head that fits in the countersunk aperture and the shoulder on the other side of the landside. This screw passes through an aperture on the plate that is secured between the handles and also through an aperture in the lower end of the longer handle-section. A nut 23 is arranged between this plate and the longer end of the handle and upon the screw. The nuts on the stock 5 may be loosened, so that the stock will turn in the beam, and by turning the nut 23 the landside may be moved laterally either in or out to give it more or less land, as may be desired.

When it is desired to move the moldboard vertically, the nut 16 is loosened and the moldboard moved up or down along the curved surface of the stock. If, however, it is desired to move the stock vertically, the nuts that secure its upper end to the beam are loosened, as well as the nut that holds the bolt in engagement with the brace, and the parts adjusted. The nuts are then worked home to bind the parts in the desired adjustment.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

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

1. In a plow, the combination with the beam,



of the integral bifurcated stock, formed with the cylindrical screw-threaded upper end of uniform diameter and adapted to be adjustably secured both axially and longitudinally in said beam and having its lower bifurcated members spaced apart and secured in this relation, a moldboard and a bolt extending through the moldboard and the spaced members, and a retaining-nut adapted to adjustably clamp the moldboard in position, substantially as and for the purpose set forth.

2. In a plow, the combination with the beam, of the integral bifurcated stock formed with the cylindrical screw-threaded upper end of uniform diameter and adapted to be adjustably secured both axially and longitudinally in said beam and having its lower bifurcated members spaced apart and secured in this position, a block fitted between said members and formed with lateral flanges at its forward end to engage the forward edge of the two members, a bolt for clamping said block in position, a moldboard formed with a longitudinal rib on its landside edge, and a bolt for

clamping said moldboard in position, substantially as and for the purpose set forth.

3. In a plow, the combination with the beam, the handle secured thereto, a bar secured between the lower ends of said handles, a stock secured to the beam, a moldboard secured to the stock, a landside secured to the lower end of the stock and gradually increasing in thickness from its forward to its rear end, which rear end is provided with a countersunk aperture, a screw having a head fitted in said aperture and having a shoulder on the opposite side of the landside, and a nut located between said plate and one of the handles and on said screw, for the purpose of moving said screw laterally and adjusting the landside, substantially as set forth.

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

LEANDER LEA.

Witnesses:

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W. L. FUSSELL.