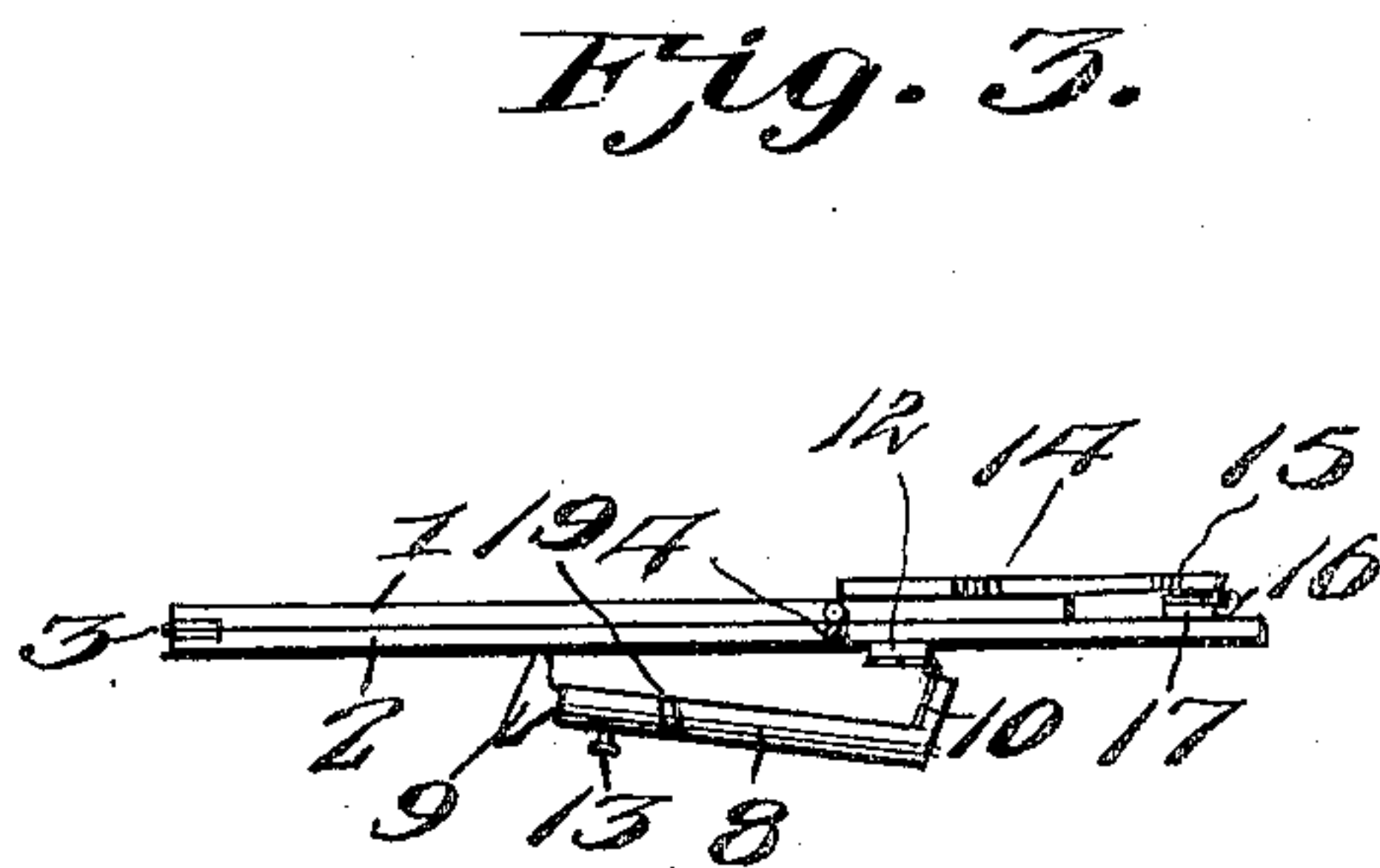
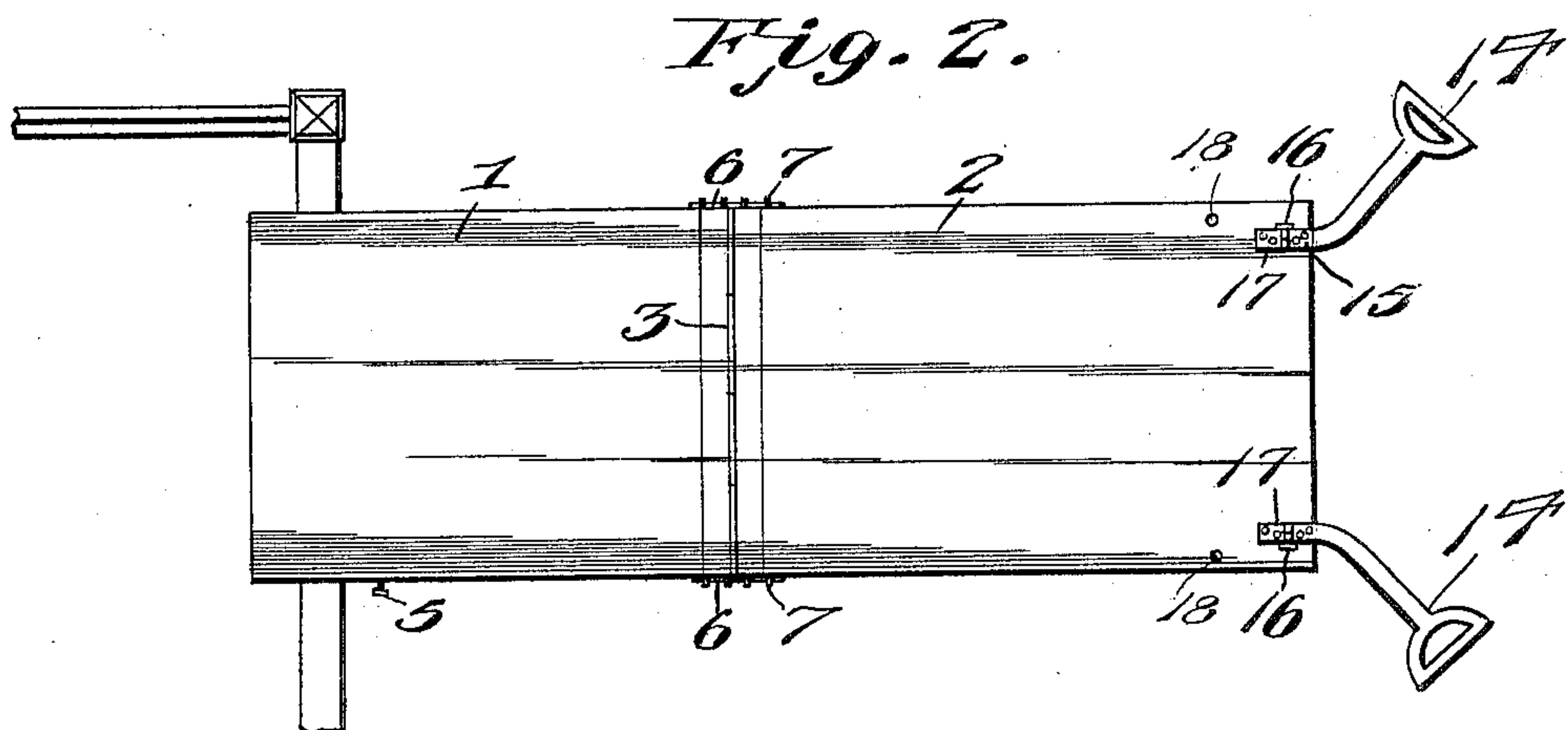
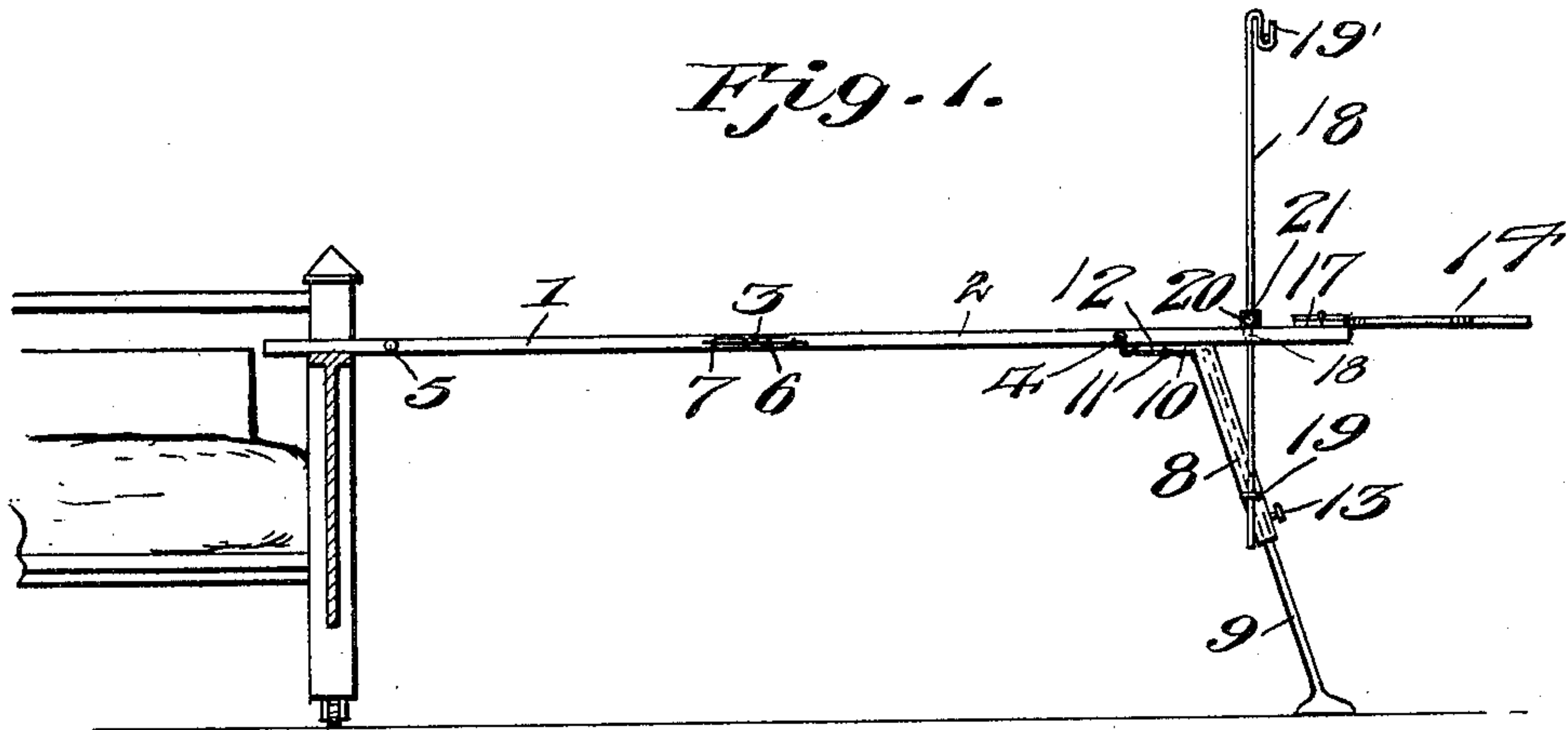


No. 822,197.

PATENTED MAY 29, 1906.

W. EVANS.
SURGICAL TABLE.
APPLICATION FILED SEPT. 26, 1905.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM EVANS, OF NORFOLK, VIRGINIA.

SURGICAL TABLE.

No. 822,197.

Specification of Letters Patent.

Patented May 29, 1906.

Application filed September 26, 1905. Serial No. 280,222.

To all whom it may concern:

Be it known that I, WILLIAM EVANS, a citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented new and useful Improvements in Surgical Tables, of which the following is a specification.

My invention relates to portable surgical tables; and its primary object is to provide a novel and highly useful device of this character which may be folded into compact form to adapt it to be conveniently carried by a physician and which may be easily and quickly erected in convenient location to the bed occupied by a patient, the bed forming a support for one end of the table, and is particularly designed for use in minor operations and obstetric examinations and operations.

With the above and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a view in side elevation of a surgical table constructed in accordance with my invention, the same being shown in applied position. Fig. 2 is a top plan view thereof, and Fig. 3 is a side elevation of the table in folded position.

Referring to the drawings by reference-numerals, 1 and 2 designate two sections hingedly connected at 3 to be folded one upon the other and when in open position to form a table of an area and construction to best adapt it for the purpose for which it is intended. The sections are held in folded position by means of a latch 4 upon the section 2, engaging a bolt 5 upon the section 1, and they are held in open position to form the table by means of bars 6, which are passed through the keepers 7, secured on the longitudinal edges of the section adjacent the hinge 3. One end of the table is to be supported by a bed, and its other end is adjustably supported to compensate for beds of varying heights by means of legs consisting of metal tubes 8 and bars 9. The tubes 8 have their upper ends turned down to provide attaching members 10, to each of which is secured one leaf of a hinge 11, the other leaves thereof being secured to spacing-blocks 12, located on the under side and adjacent the forward end of the section 2, said blocks serving to compensate for the thickness of the securing members 10, whereby to permit the legs to be

turned in position to support one end of the table, as shown in Fig. 1 of the drawings, or in folded position, as shown in Fig. 3. The bars 9 telescopically engage the tubes 8 and are held in adjusted position by means of set-screws 13, which are let through the tubes 8 and adapted to engage the bars 9. Stirrup-brackets 14 are foldably secured to the forward end of the section 2 and each bracket has its lower end bent to provide a securing member 15, to which is secured one leaf of a spring 16, the other leaves thereof being secured to spacing-blocks 17, carried by the section 2.

It is apparent that the securing members 15 also serve to support the stirrup-brackets in operative position, as well as to foldably secure the brackets to the section 2. Adjacent the stirrup-brackets 14 section 2 is provided with openings through which is let vertical rods 18, the same having their lower ends positioned in eye-brackets 19, carried by the legs. The upper ends of the rods 18 are curved to provide supporting-hooks 19', whereby to support suitable members for supporting the limbs of a patient. Collars 20 are slidably mounted upon the rods 18 and are provided with set-screws 21 to engage the rods and secure the collars in adjusted position thereon, said collars serving to support the rods 18 in their adjusted position. It is apparent that the rods not only serve to support limb-carrying members, but also serve through their engagement with the brackets 19 to secure the legs against accidental collapsing, and it is further apparent that said rods may be adjusted vertically to any desired height found necessary.

Having fully described and illustrated my invention, what I claim is—

1. A surgical table comprising two hinged sections adapted to fold one over upon the other, means for securing the sections in folded position, hinged telescopic legs upon one of the sections provided with guide-brackets, and rods extending through said section and provided at their upper ends with supporting members and having their lower ends passing through said guide-brackets to support the telescopic legs in extended position.

2. A surgical table comprising hinged foldable sections, means for securing said section in opened and closed positions, hinged telescopic legs upon one of the sections, and rods adapted to be passed through said section and connected with the legs to hold the latter

in supporting position and provided at their upper ends with supporting members.

3. A surgical table comprising hinged sections adapted to fold one upon the other, means for securing said sections in opened and closed positions, one of the sections being provided with vertical guide-openings, telescopic legs comprising relatively stationary and adjustable members, said relatively stationary members being hinged to the section and provided with guide-brackets, rods extending through the openings in the section and projecting at their lower ends through said guide-brackets and provided at their upper ends with supporting devices, and collars upon the rods provided with set-screws to fix them thereto, said collars being adapted to engage the table-section and hold the rods from downward movement.

4. A surgical table comprising two hinged sections adapted to fold one over upon the other, means for securing said sections in

opened and closed positions, spacing-blocks upon the upper and under surfaces of one of the sections, said section also being provided with vertical openings between said blocks, telescopic legs hinged to the lower blocks, stirrup-brackets hinged to the upper blocks and adapted to fold over upon the free end of the other section of the table when the latter is folded, rods slidable in the vertical openings, and provided at their upper ends with supporting devices, means for connecting the lower ends of the rods with the telescopic legs to hold the latter in extended position, and means upon the rods to engage the table and hold them from downward movement.

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

WILLIAM EVANS.

Witnesses:

P. H. O'ROURKE,
A. E. SIEBERT.