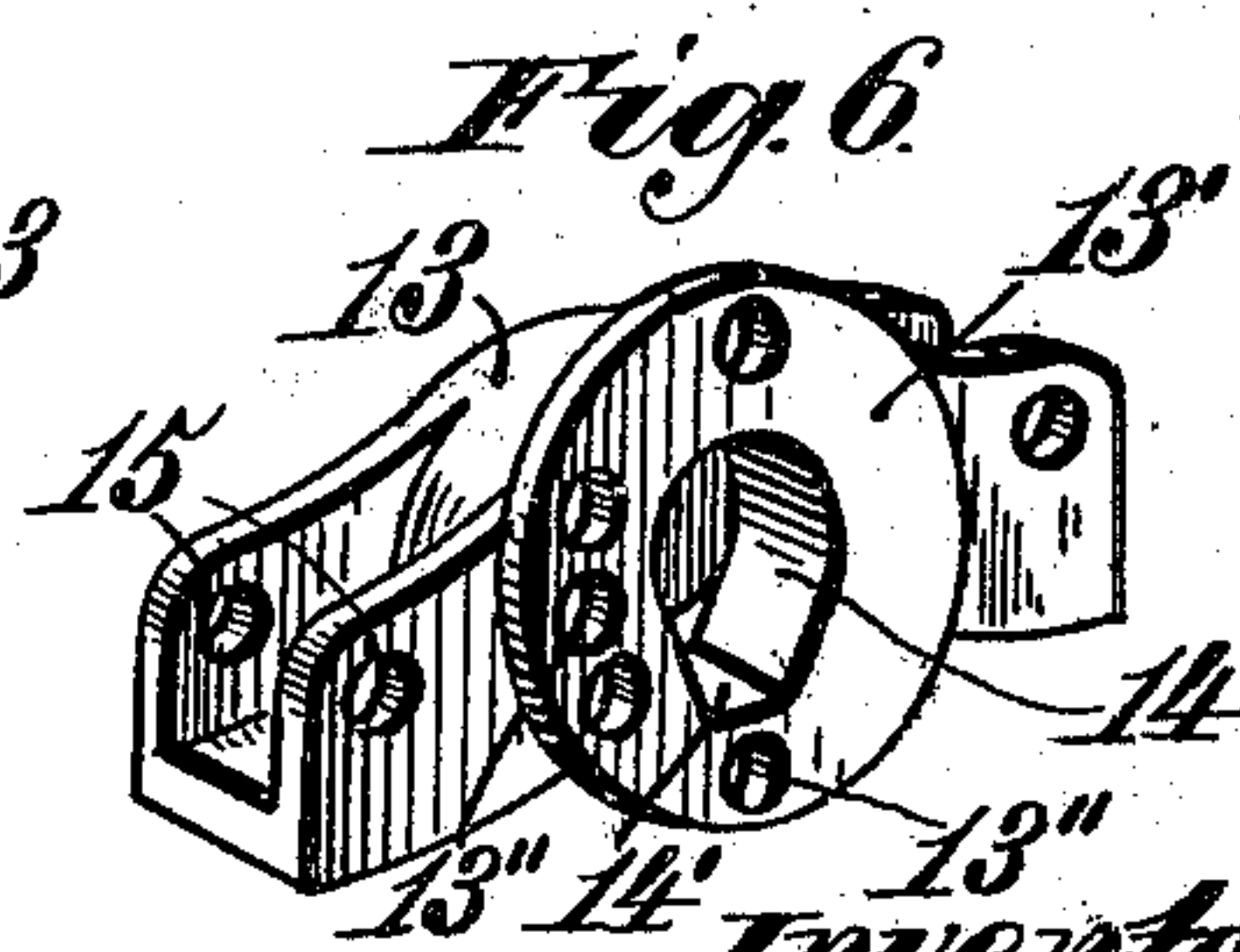
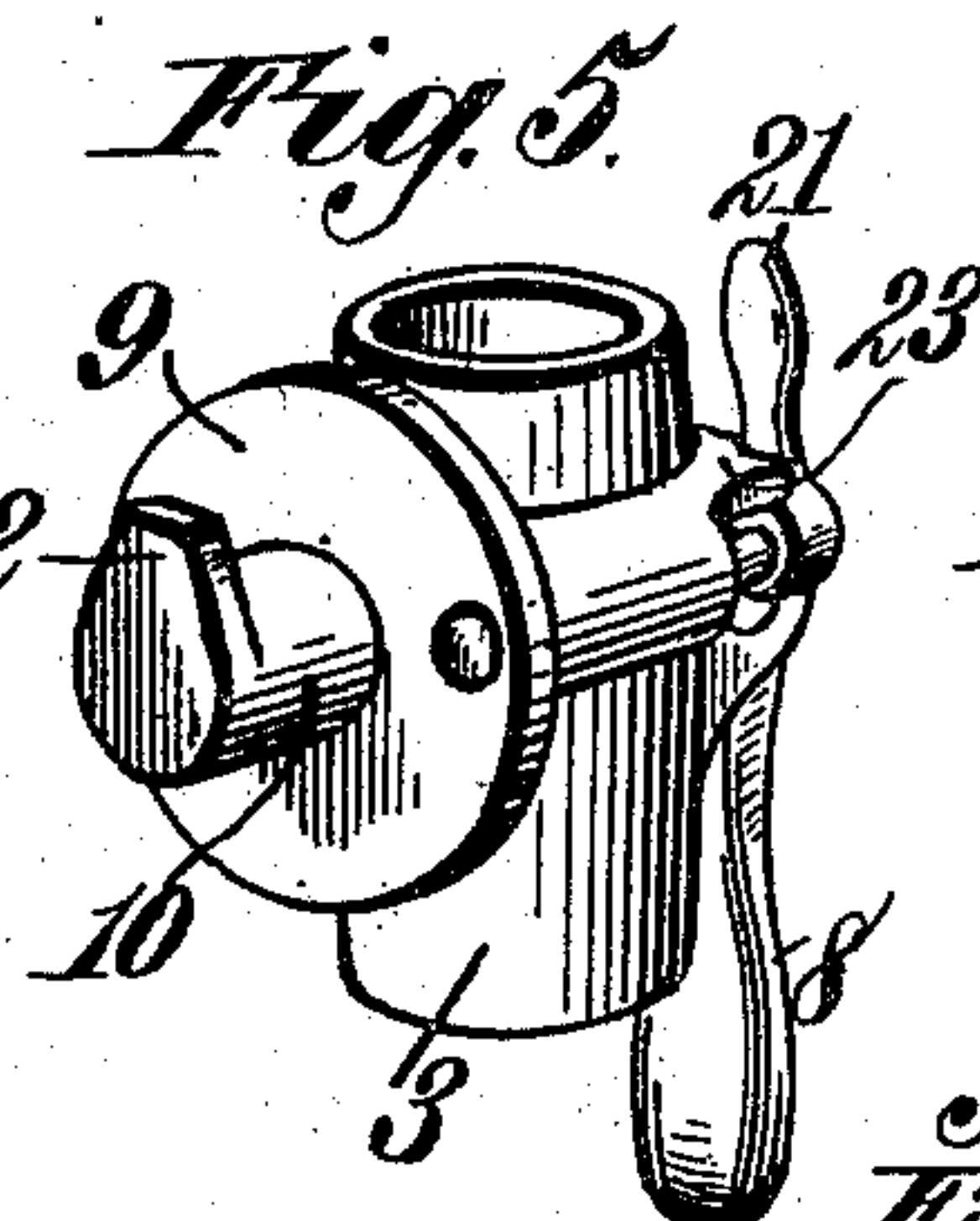
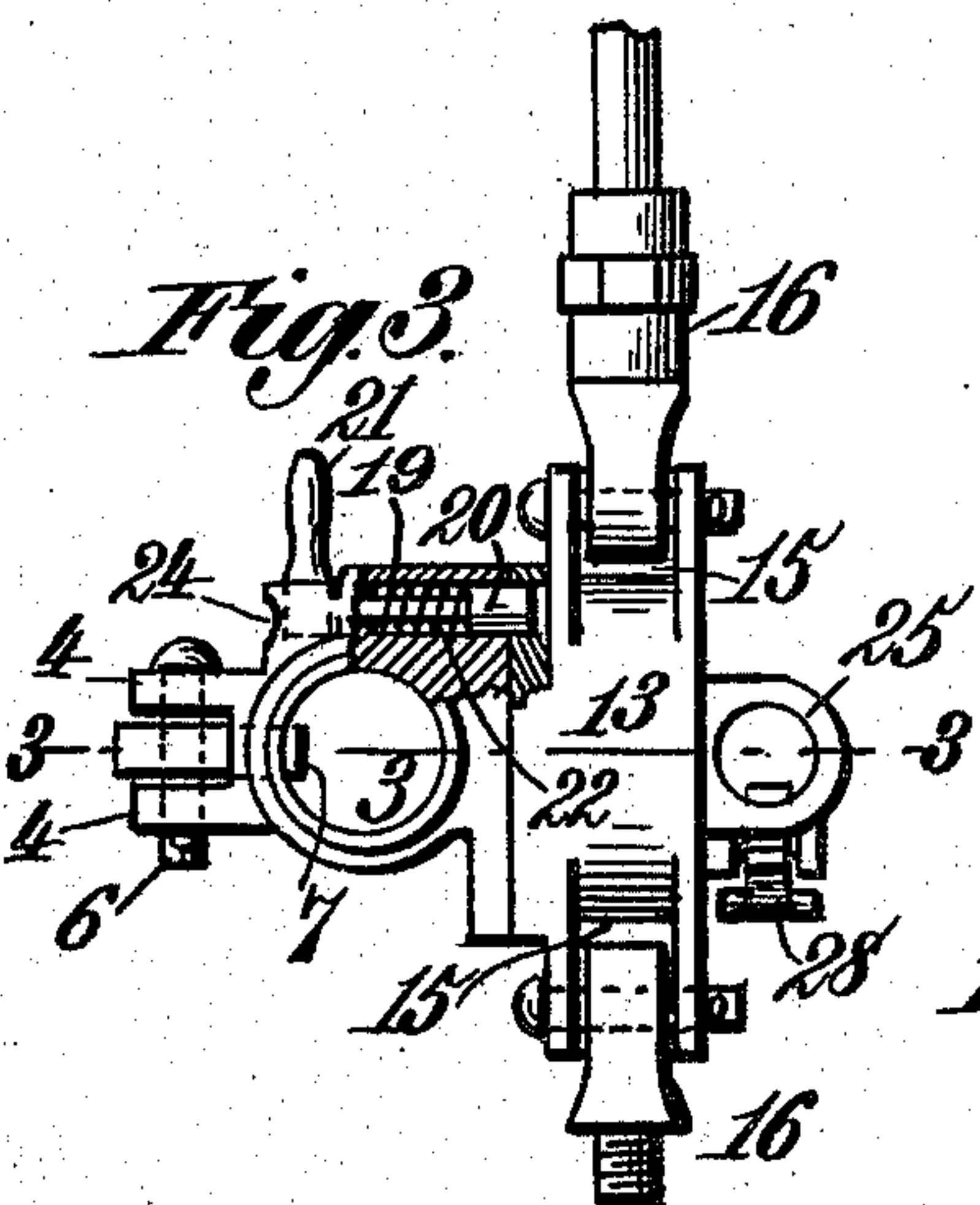
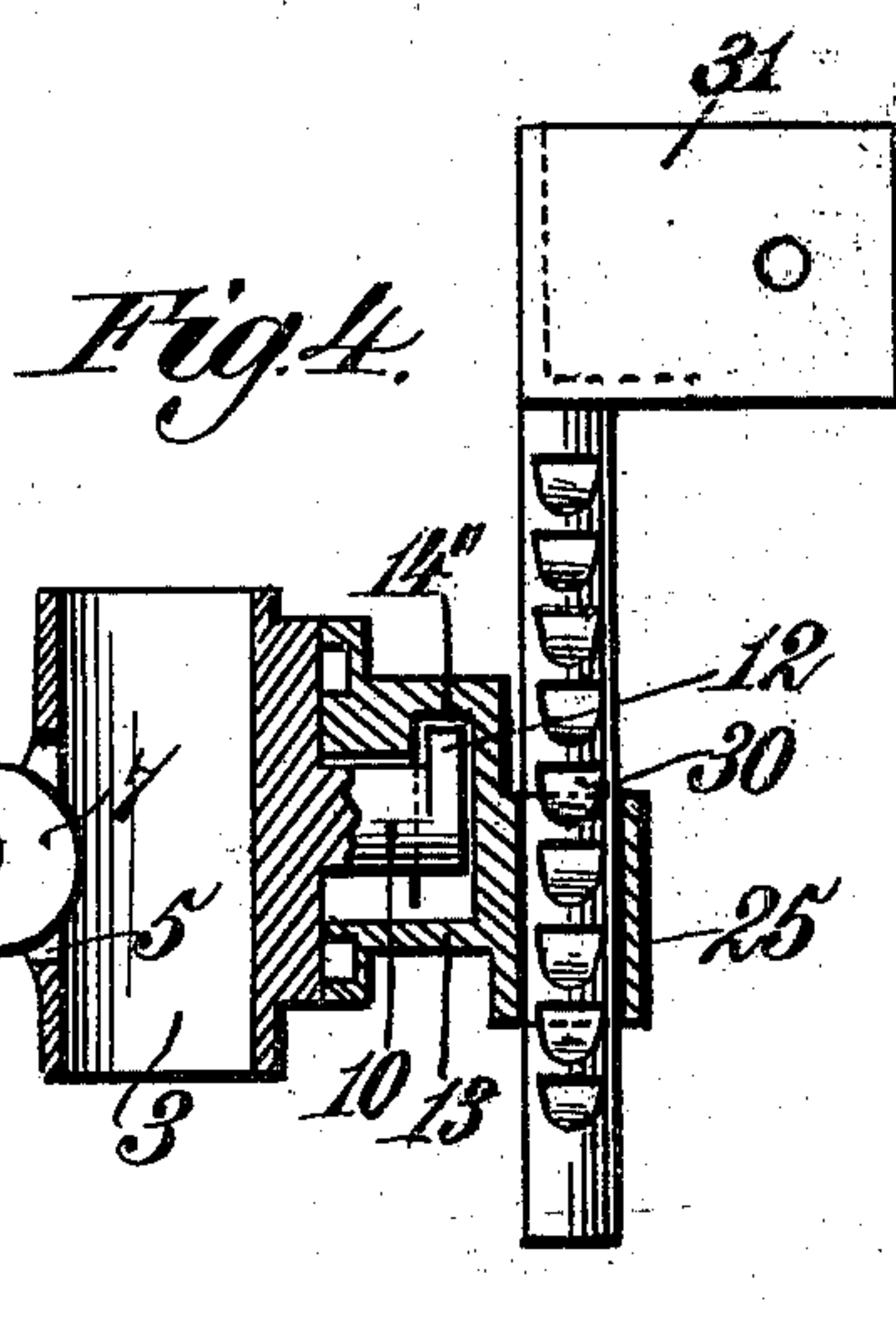
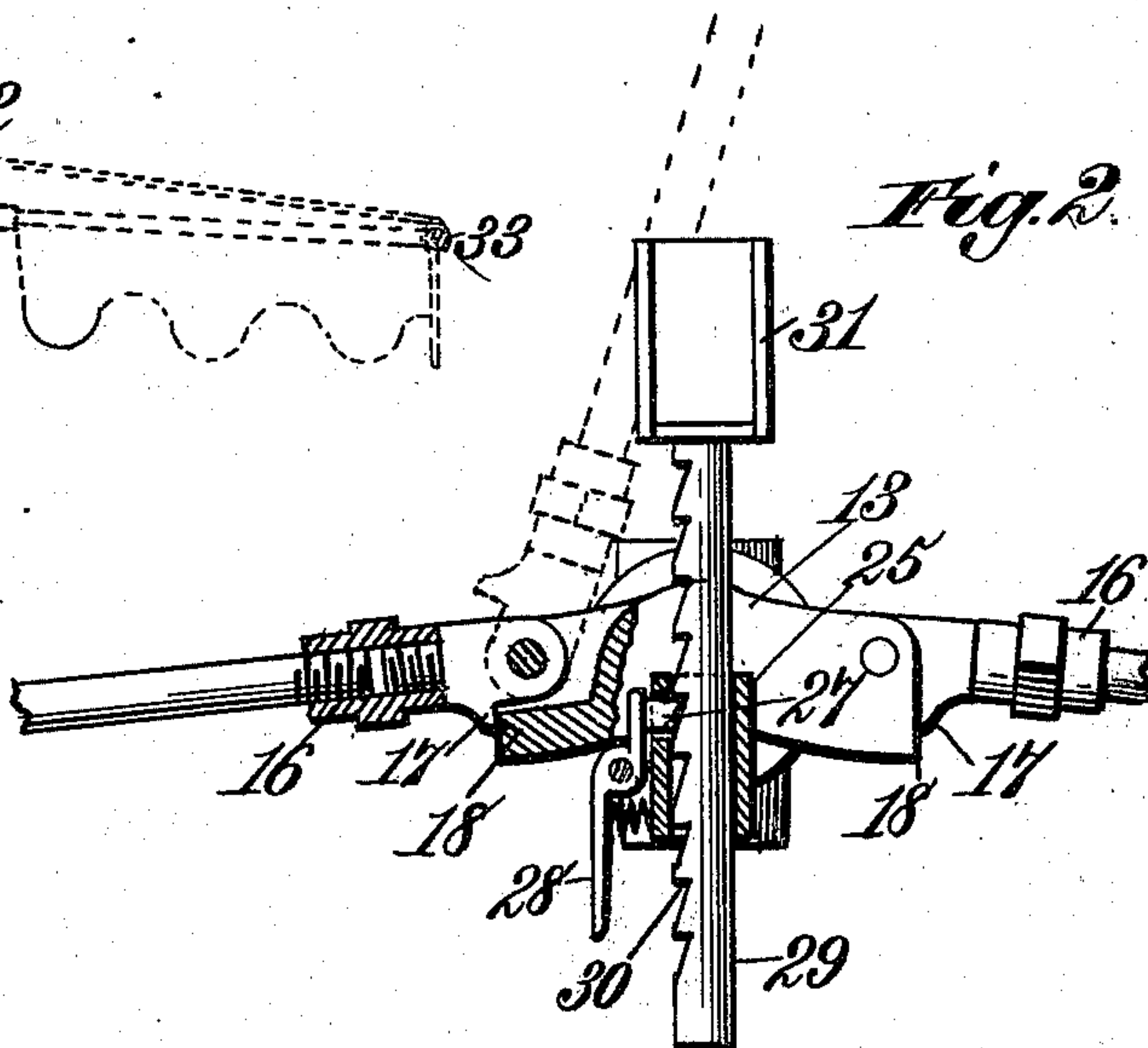
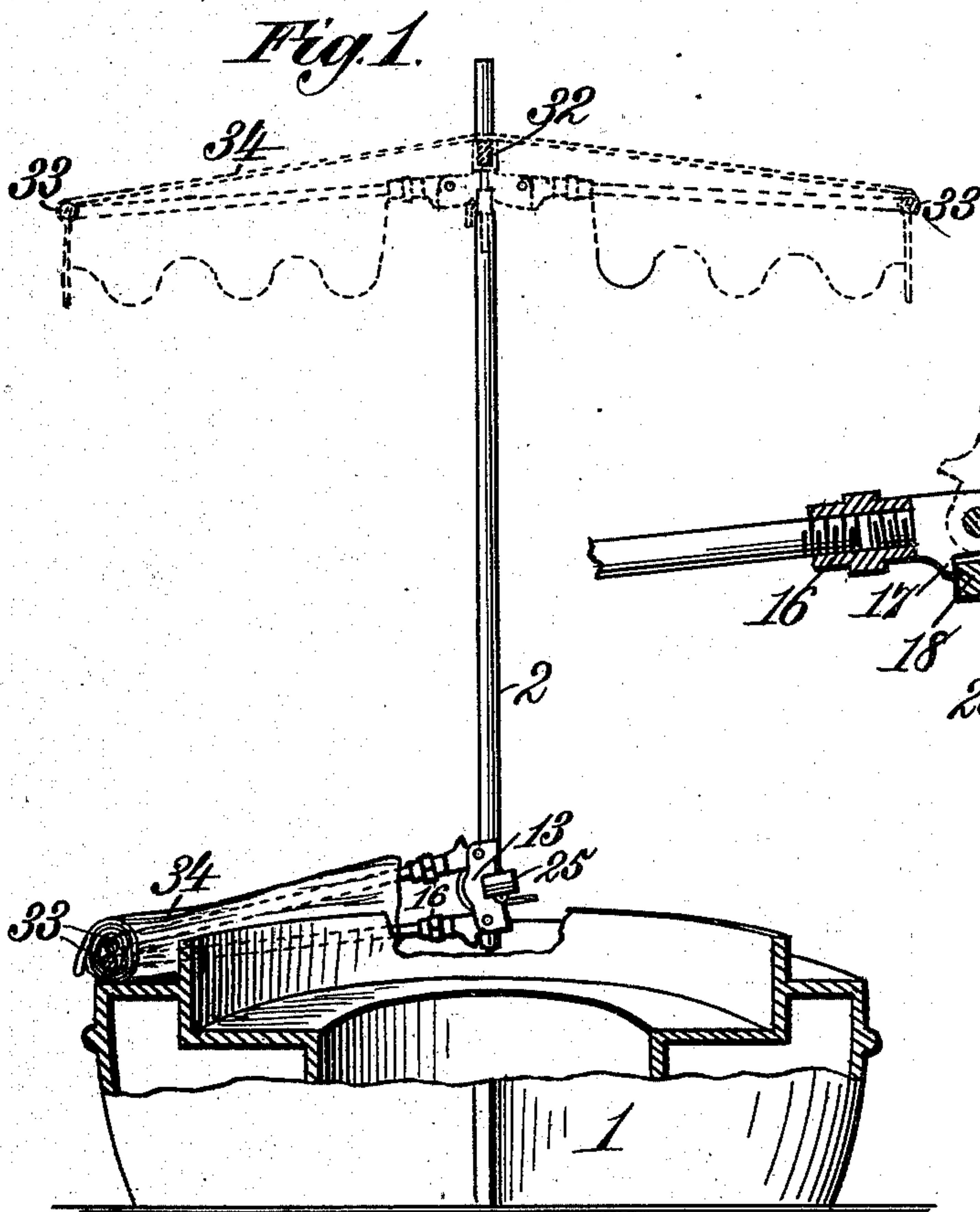


J. M. & E. E. TRUSCOTT.
CANOPY.

(Application filed June 14, 1902.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses.
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No. 714,650.

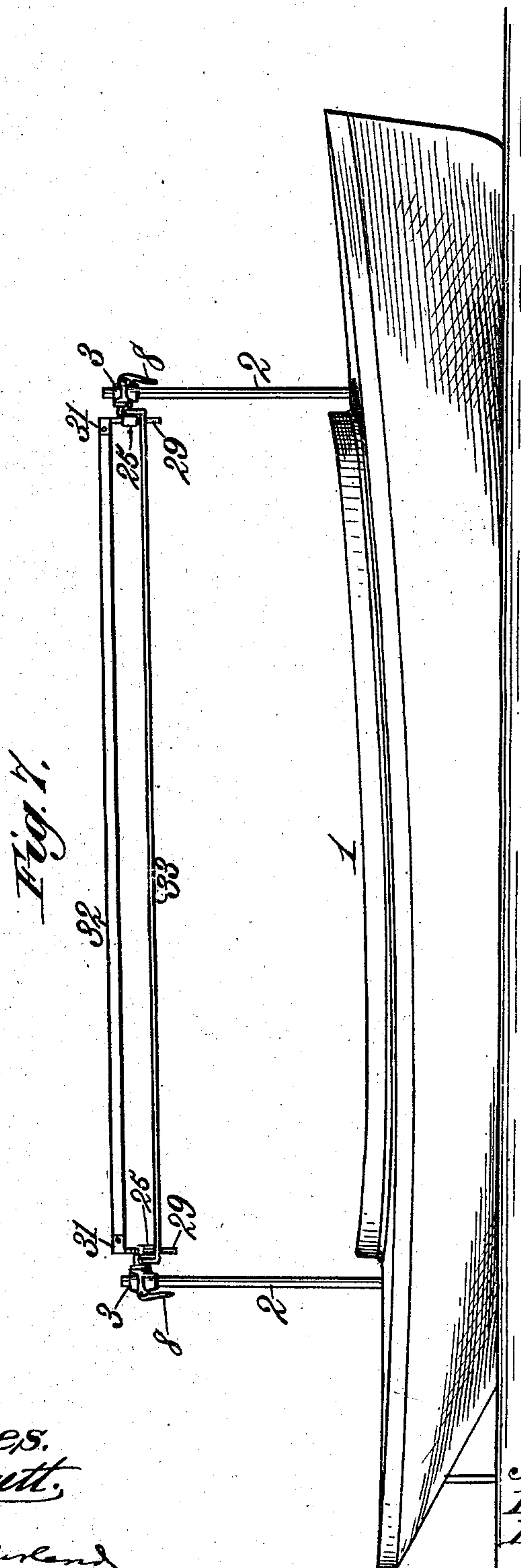
Patented Nov. 25, 1902.

J. M. & E. E. TRUSCOTT.
CANOPY.

(Application filed June 14, 1902.)

(No Model.)

2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

JAMES M. TRUSCOTT AND EDWARD E. TRUSCOTT, OF ST. JOSEPH, MICHIGAN.

CANOPY.

SPECIFICATION forming part of Letters Patent No. 714,650, dated November 25, 1902.

Application filed June 14, 1902. Serial No. 111,642. (No model.)

To all whom it may concern:

Be it known that we, JAMES M. TRUSCOTT and EDWARD E. TRUSCOTT, citizens of the United States, residing at St. Joseph, in the county of Berrien and State of Michigan, have invented new and useful Improvements in Canopies or Awnings, of which the following is a specification.

This invention relates to certain new and useful improvements in awnings or canopies especially adapted for use in connection with pleasure-boats, but which may also be used in other connections with little or no alterations, and while we have shown the same applied to a boat we do not wish to be understood as limiting ourselves to such use of the invention.

The prime object of the invention is to provide a novel form of "awning-block" so constructed and arranged as to permit of the awning being adjusted to various angles of inclination and to permit of its being compactly folded and lowered upon the coaming of the boat, where it will be out of the way when not in use, the construction and arrangement of the parts being such that when the awning is folded the awning-carrying bows will lie immediately adjacent to each other, so that the flexible cover of the awning may be compactly folded or wrapped around the said bows, so as to occupy but little space. The construction is also such that the awning may be tilted bodily upon either side of the boat in order to permit of the free and easy raising of a fishpole when the boat upon which the awning is placed is used for fishing purposes. The construction further permits of either of the awning-supporting bows being raised in order to enable passengers to freely enter and leave the boat.

The invention further comprises a novel form of ridge-pole support, said support being capable of vertical adjustment and of removal from the awning-block.

The invention has in view other more or less important objects and purposes, all of which will be described in detail in the following specification.

In order to enable others to fully understand, make, and use our said invention, we will now proceed to describe the same in de-

tail, reference being had to the accompanying drawings, in which—

Figure 1 is an end view, partly in section, of a boat, showing our awning applied thereto both in its spread and folded positions. Fig. 2 is an enlarged detail end view, partly in section, of one of the awning-blocks. Fig. 3 is a top view thereof with the ridge-pole support taken out. Fig. 4 is a vertical sectional view taken on the line 3 3 of Fig. 3 with the ridge-pole support put in place. Fig. 5 is a detail perspective view of one of the parts of the awning-block, and Fig. 6 is a perspective view of another part of the awning-block. Fig. 7 is a side elevation of a boat, showing our improved awning-frame applied thereto.

Referring now to the drawing Fig. 1, the reference-numeral 1 designates a boat having secured thereto at its opposite ends standards 2, said standards serving to support the awning, as will be more fully hereinafter explained. Adjustably mounted upon the said standards are two similarly-constructed awning-blocks, each of which is made as follows, reference being had to Figs. 2, 3, 4, 5, and 6 of the drawings.

The numeral 3 designates a sleeve having a pair of apertured lugs or ears 4 on one side thereof, with an opening 5 extending entirely through one wall of the sleeve between said lugs or ears, and pivotally mounted upon a pin 6, passing through the apertures in the lugs or ears 4, is a cam 7, having an operating lever or handle 8, the said cam being arranged to be projected through the opening 5 in the sleeve and into firm gripping contact with the standard 2, upon which the sleeve is mounted. Upon the opposite side of the sleeve 3 is a plate 9, provided centrally with a journal-pin 10, having an upwardly-extending head or enlargement 12 at its end, as more clearly shown in Figs. 4 and 5.

The reference-numeral 13 designates a block provided with a plate 13', having a plurality of concentric apertures 13" and a central aperture or socket 14, into which socket the headed journal-pin 10 is freely passed, whereby the block is capable of rotating thereon. The said socket has an enlargement 14' at its entrance end and an upward extension or undercut portion 14" at its inner end, into

which undercut portion the head of the journal-pin 10 fits, as more clearly shown in Fig. 4. By this construction it will be seen that the two parts of the awning-block may be readily separated and assembled. The block 13 is further provided on opposite sides with recessed portions 15, (see Figs. 3 and 6,) within which the side irons or bows 16 of the awning-supports are pivoted, said side irons being provided with stops 17, that abut against the end walls 18 of the block, and thus support the side irons in substantially a horizontal position. The block 13 is further provided at one side with an enlargement 18', having a cavity 19, Fig. 3, in which freely slides a rotatable bolt 20, on the outer end of which is fixed a handle 21, the said bolt being normally pressed toward the plate 13' by means of a coiled spring 22, housed in said cavity, the said bolt being arranged to enter either of the sockets or apertures 13'' in the plate 13' and serving to lock the block and the awning carried thereby in any desired position of angular adjustment. In order to hold the bolt 20 retracted, so that it will not engage or enter the sockets or apertures 13'', and thus permit of the block being easily and quickly adjusted, we provide a lug or flange 23 at the end of the enlargement 18', the said lug being provided on its outer face or edge with a seat or notch 24, Fig. 4, into which the said handle may be seated when turned to the position seen in Fig. 5, and when in this position the said bolt 20 will be held retracted, and thus permit of the awning being freely adjusted angularly relatively to the standards 2, and when the proper adjustment is secured it is only necessary to swing or rotate the handle out of engagement with its notch or seat 24, when the spring 22 will force the bolt into whichever hole it is in coincidence with.

In order to removably and adjustably support a ridge-pole between the two standards, we have provided the following means: Each block 13 is provided on its outer face with a short open sleeve 25, having an opening in one side, through which passes one end 27 of a spring-actuated locking pawl or catch 28. Arranged to be inserted into and removed from as well as to be adjusted vertically in the sleeve 25 of each block is a ridge-pole support, each support comprising a stem 29, having a plurality of notches 30 in its side, into either of which notches the end 27 of the locking-pawl 28 is adapted to enter, whereby said stem may be readily and quickly adjusted in a vertical direction or removed entirely. To the upper end of each stem 29 and extending at right angles thereto is a head or channel-iron 31, adapted to receive and support the end of a ridge-pole 32. (Shown in section in Fig. 1.) By this construction the ridge-pole, with its supports, may be readily and quickly adjusted in a vertical direction in order to give any desired pitch to the awning, or said pole, with its supports, may be re-

moved bodily from the sleeves without having to remove or disconnect any fastening devices whatever. In use it will be understood that the ridge-pole extends from one block to the other and is attached at its ends to the said channel-irons 31.

An important feature of this invention is the construction of rotatable and separable blocks carrying the pivoted side arms or awning-bows, the arrangement being such that the blocks may be moved from normal position (which is horizontal) to a position at right angles to normal, (which is vertical,) as clearly shown in Fig. 1, thus permitting the awning-bows or side irons to be folded the one over and upon the other, in which position the longitudinal arms 33 of the awning-bows will lie in immediate proximity or contact with each other, so as to allow of the flexible awning-cover 34 being wrapped closely thereabout in a compact roll. A further important feature resides in the fact that the awning can be easily and quickly adjusted to any desired position of angular adjustment and automatically locked in said position.

The cam-locking device employed in connection with the sleeve is important, since it affords a firm, positive, and sure means for adjustably connecting the awning-supporting devices to the standards, such as will not become loosened by the vibrations caused by explosive and other motors usually employed to propel light pleasure-boats, which ordinarily carry awnings of the type herein shown and described. It will also be observed that the side irons carrying the awning can be folded or swung upward slightly beyond a vertical position, as shown by dotted lines in Fig. 2, in order to permit the passengers to freely enter and leave the boat. When in this raised position, the side irons are supported and held from swinging entirely over by reason of the side irons engaging the walls of the channeled portions of the block 13.

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

1. A canopy comprising a cover of flexible material and a frame for the cover, said frame consisting of two supports, means for adjustably clamping each support to a standard, a block rotatably mounted on each support, means for locking the blocks in different positions of adjustment, awning-bows pivotally attached to the blocks, an adjustable extension carried by each block and constituting a support for a ridge-pole and a ridge-pole attached at its opposite ends respectively to said extensions substantially as described.

2. A canopy comprising a cover of flexible material and a frame for the cover, said frame consisting of two sleeves, locking-cams carried by the sleeves, a block rotatably mounted on each sleeve, means for locking the blocks in different positions of adjustment relatively to the sleeves, an awning-bow pivoted to each side of each block, a ridge-pole, and means

carried by the blocks for supporting the ridge-pole, substantially as described.

3. A canopy comprising a cover of flexible material and a frame for the cover, said frame consisting of end supports, each support comprising a sleeve having an opening in its side wall, a cam-clamp pivoted to the sleeve and adapted to be projected through said opening, a block rotatably mounted on the sleeve, awning-bows pivoted to opposite sides of the block, a locking-bolt carried by the block and adapted to engage the sleeve to support the block in different positions of adjustment, a ridge-pole, and means carried by the block for supporting the ridge-pole, substantially as described.

4. In a canopy for boats or the like, the combination with two standards, of rotatable blocks, means for adjustably attaching the blocks to the standards, awning-bows pivoted to opposite sides of the blocks, means for locking the blocks in different positions of adjustment relatively to the standards, adjustable means carried by each block for supporting a ridge-pole, and a ridge-pole attached at its ends to said supporting means, substantially as described.

5. In a canopy for boats or the like, the combination with two standards, of rotatable blocks, means for adjustably attaching the blocks to the standards, awning-bows pivoted to opposite sides of the blocks, a spring-actuated locking-bolt carried by each block and adapted to lock the blocks in different positions of adjustment relatively to the standards, an adjustable extension on each block, and a ridge-pole secured at its ends to said extensions, substantially as described.

6. In a canopy for boats or the like, the combination with two standards, of rotatable blocks adjustably mounted respectively on said standards, and awning-bows pivoted to opposite sides of the blocks, said blocks being capable of rotation so as to bring the pivotal points of the bows in line with the standards and the longitudinal arms of the bows in contact with each other, substantially as and for the purpose described.

7. In a canopy for boats or the like, the combination with two standards, of sleeves adjustably mounted respectively on the standards, means for locking the sleeves to the standards, rotatable blocks carried by the sleeves, awning-bows pivoted to opposite sides of the blocks, said blocks being capable of movement into and out of alinement with the standards so as to bring the longitudinal arms of the bows in contact with each other, and a ridge-pole connecting the two blocks, substantially as described.

8. In a canopy for boats, the combination with two standards, of a sleeve adjustably mounted on each standard, means for locking the sleeves to the standards, a plate carried by each sleeve and provided with a central journal-pin, a block journaled on the pin of each plate and provided with a plurality of

concentrically - arranged recesses, awning-bows pivoted to opposite sides of each block, a locking-bolt carried by each sleeve and adapted to enter either of the recesses in the said block, said bolts serving to lock the blocks in different positions of adjustment relatively to the standards, and a ridge-pole connected at its ends to the said blocks, substantially as described.

9. In an awning-frame, a sleeve, a block rotatably mounted thereon, awning-bows pivoted to opposite sides of the block, a locking device serving to lock the block in different positions of adjustment relatively to the sleeve, and means carried by the block for supporting a ridge-pole, substantially as described.

10. An awning-block comprising a sleeve, means carried by the sleeve for attaching the latter to a standard, a block rotatably mounted on the sleeve, means carried by the block for supporting the ends of awning-bows, a locking device for holding the block in different positions of adjustment relatively to the sleeve, means for holding the locking device out of operative position, and an adjustable extension carried by the block for supporting a ridge-pole, substantially as described.

11. An awning-block comprising a sleeve, a cam carried by the sleeve for attaching the latter to a standard, a block rotatably mounted on the sleeve, means carried by the block for receiving the ends of awning-bows, a locking-bolt having a handle at its outer end, said bolt carried by the sleeve and serving to lock the block in different positions of adjustment relatively to the sleeve, a notched lug arranged adjacent to the said handle and into which notch the handle is adapted to be seated when the bolt is retracted to hold the bolt out of operative position, and means carried by the block arranged to support the end of a ridge-pole, substantially as described.

12. An awning-block comprising a sleeve, a locking-cam carried thereby, a plate also carried by the sleeve and provided with a central journal-pin, a block journaled on said pin and provided with a plurality of concentric recesses, means carried by the block for receiving the ends of awning-irons, a spring-actuated bolt carried by the sleeve and arranged to enter either of the recesses in the said block, a handle on the outer end of the bolt, a notched lug mounted on the sleeve adjacent to the handle and serving to receive and retain the latter to hold the bolt retracted, and means carried by the block for supporting one end of a ridge-pole, substantially as described.

13. In a canopy for boats or the like, the combination with two standards, of blocks adjustably mounted respectively on said standards, awning-bows pivoted to opposite sides of each block, an open sleeve carried by each block, a pair of ridge-pole supports each comprising a head and a stem, said stems being removably mounted in said open sleeves, and

a ridge-pole attached at its opposite ends to said supports.

14. In a canopy of the class described, the combination with two standards, of blocks adjustably mounted on said standards respectively, awning-bows pivoted to opposite sides of each block, a sleeve carried by each block, a vertically-adjustable ridge-pole support removably supported in each sleeve, a spring-actuated catch adapted to enter notches in each of said supports to hold the latter in different positions of adjustment, and a ridge-pole attached at its opposite ends to said supports, the arrangement being such that the ridge-pole and its attached supports may be removed bodily from the blocks, substantially as described.

15. In a canopy of the class described, the combination with two standards, of blocks adjustably mounted on said standards, awning-bows pivoted to opposite sides of each block, a sleeve carried by each block, a pair of ridge-pole supports each comprising a stem and a channeled head, said stems being formed integral with and extending at right angles to said heads and one of said stems being re-

movably mounted in each sleeve, and a ridge-pole attached at its opposite ends to said channeled heads, the arrangement being such that the ridge-pole and its attached supports may be removed bodily from their sleeves, substantially as described.

16. An awning-block comprising in its construction, a sleeve carrying a clamping device and a headed journal-pin projecting laterally from one side of the sleeve, a centrally-apertured block removably journaled on said pin and having an undercut portion to receive the headed end of the pin and serving to hold the parts against separation, means for locking the block to the sleeve in different positions of adjustment, and means carried by the block for receiving the ends of awning-bows.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

JAMES M. TRUSCOTT.
EDWARD E. TRUSCOTT.

Witnesses:

HERMAN E. KOMITCH,
PAUL BASTIN.