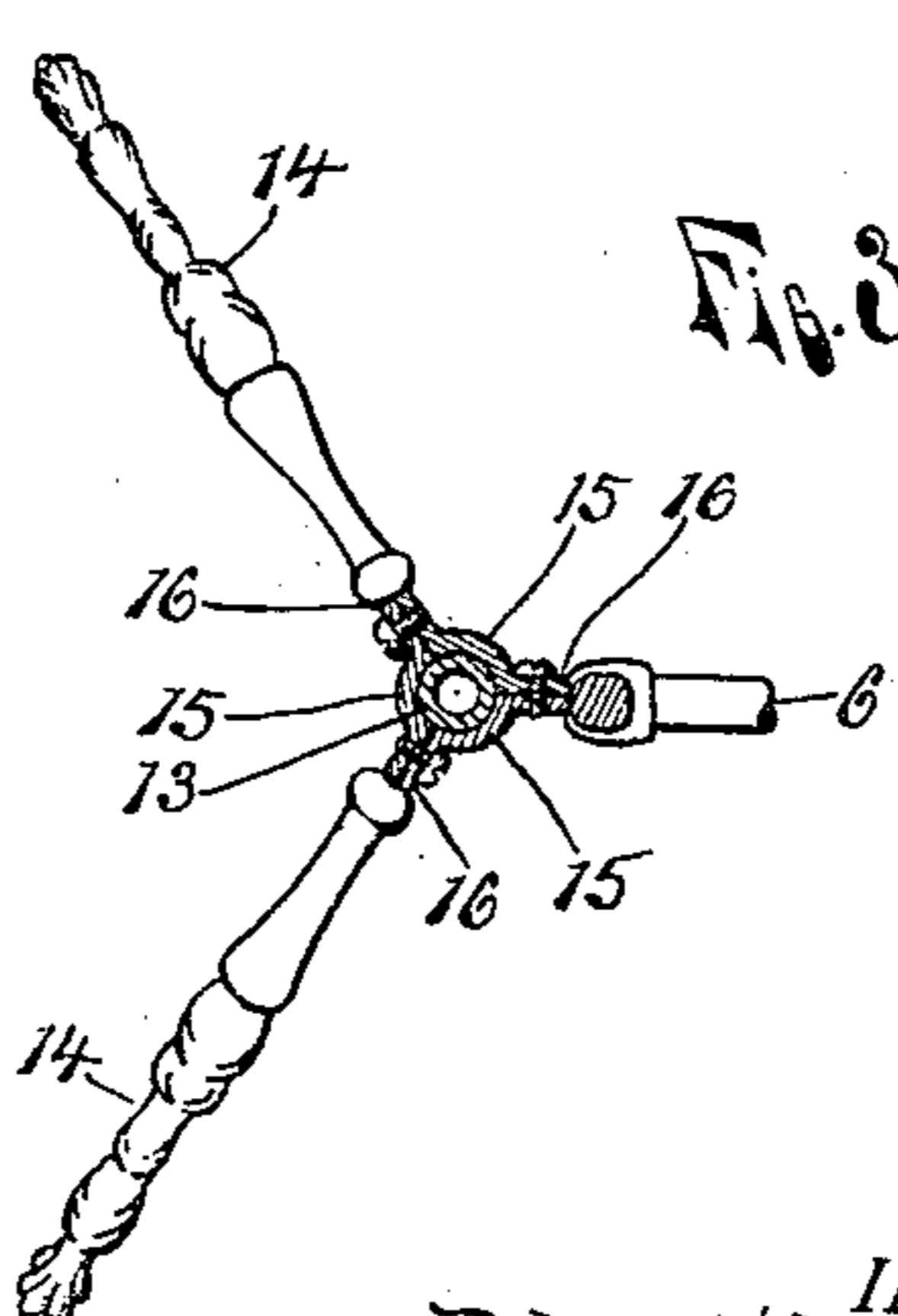
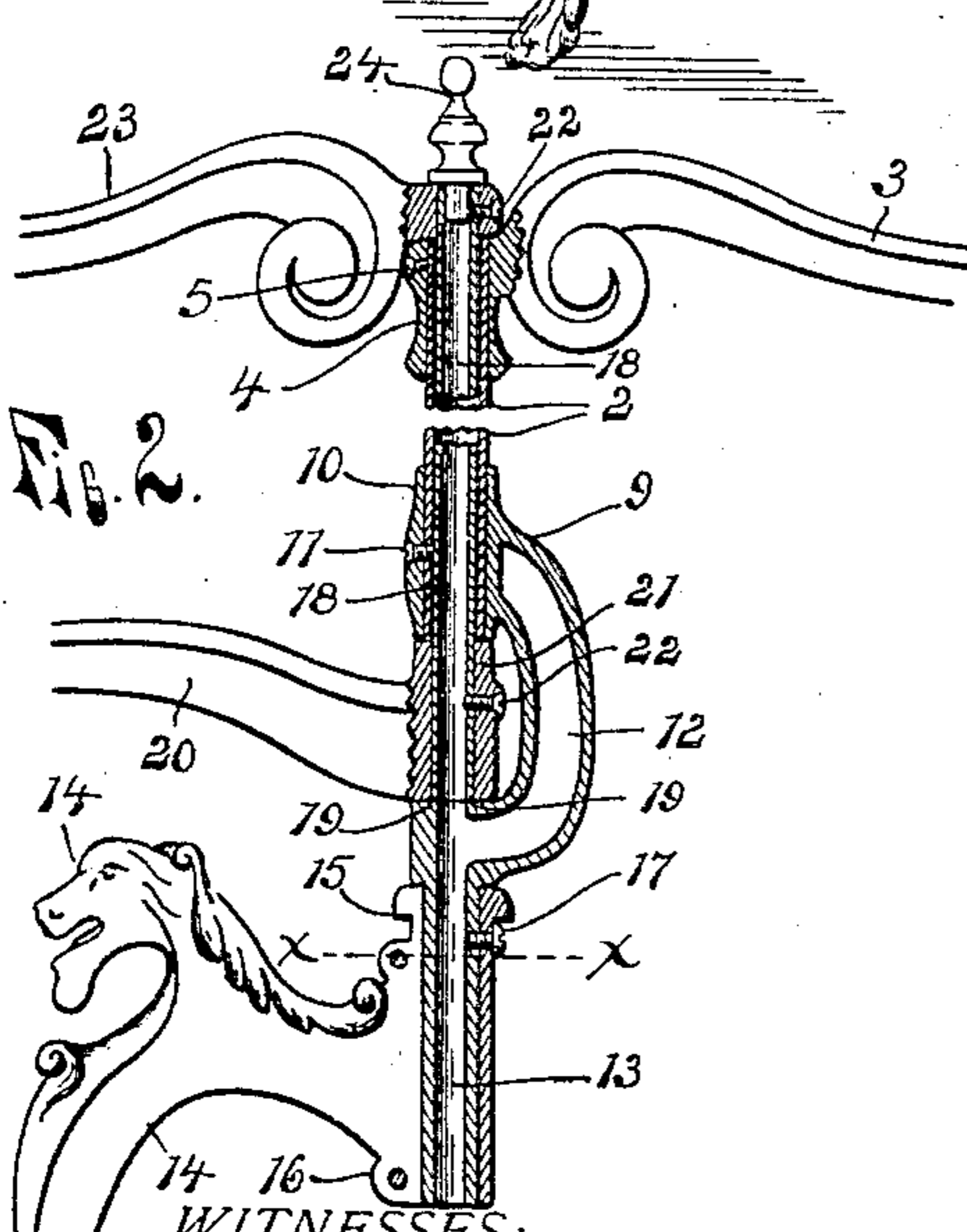
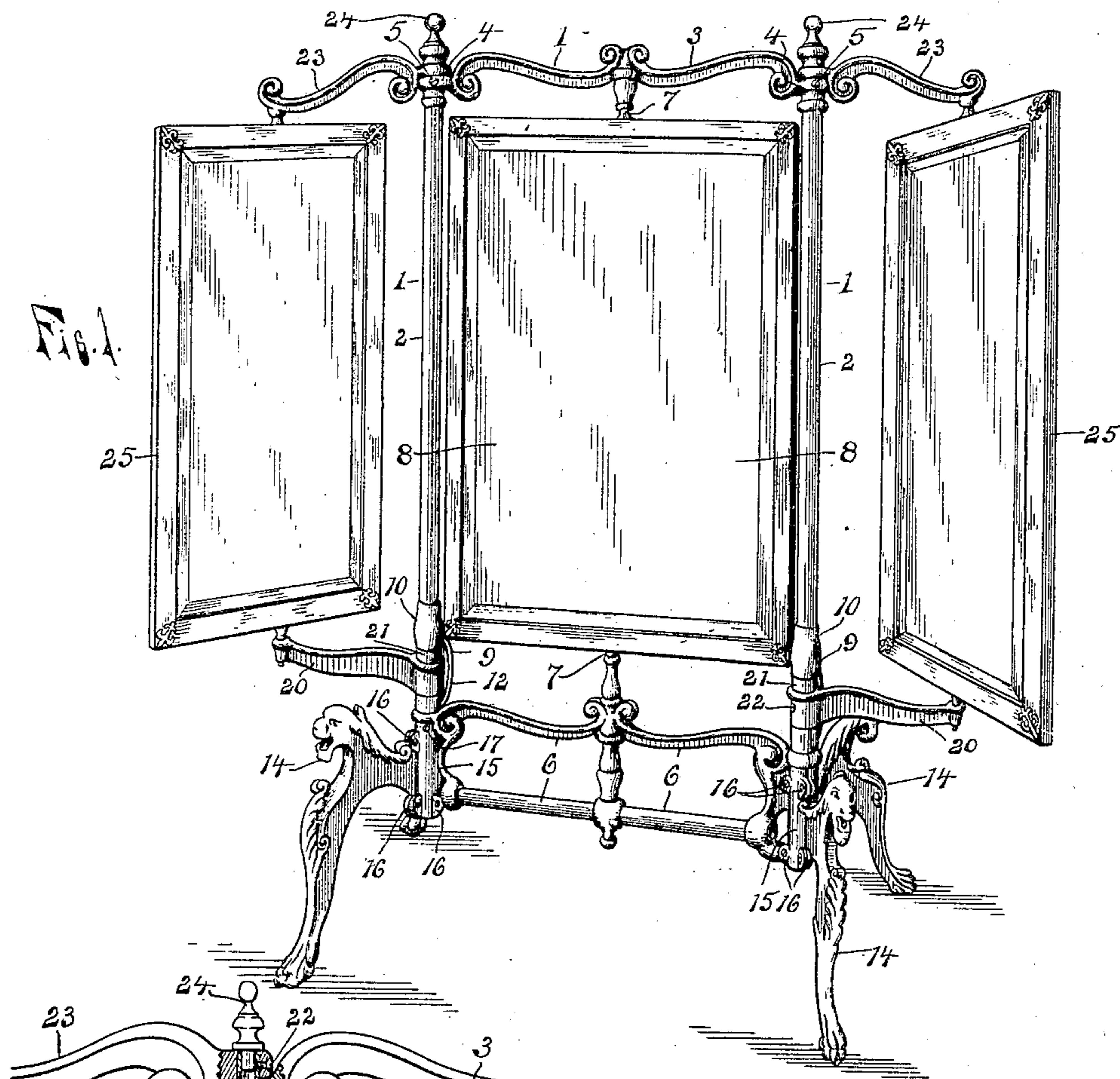


No. 838,807.

PATENTED DEC. 18, 1906.

J. H. PETROSKEY.
MULTIPLE MIRROR.

APPLICATION FILED DEC. 6, 1905.



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MULTIPLE MIRROR.

No. 838,807.

Specification of Letters Patent.

Patented Dec. 18, 1906.

Application filed December 6, 1905. Serial No. 290,528.

To all whom it may concern:

Be it known that I, JOHN H. PETROSKEY, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Multiple Mirrors, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to improvements in multiple mirrors; and its object is to provide certain improvements in the construction of the supporting-frame whereby a very strong, light, and durable construction is secured, and which is so made that it may be taken
15 apart for close packing and may be quickly and easily assembled.

It is also an object of the invention to so construct the vertical side posts of the supporting-frame that the connecting-tube to which the laterally-extending supporting-arms for each side mirror are secured to hold said arms in alinement may be placed within said posts to turn therein, thus giving a rigid
20 supporting-frame having stationary side posts and permitting the use of thin tubing for said posts, which may also be of comparatively small diameter.

A further object of the invention is to provide a device having the several advantages of the particular construction, arrangement, and combination of parts, all as hereinafter more fully described, reference being had to the accompanying drawings, in which—

35 Figure 1 is a perspective view of a device embodying the invention. Fig. 2 is an enlarged detail of one of the side posts of the supporting-frame, showing the same in vertical section with the legs and supporting-arms attached; and Fig. 3 is a transverse section of the same on the line *xx* of Fig. 2.

As shown in the drawings, 1 is a rectangular supporting-frame consisting of tubular vertical side posts 2, connected at their upper ends by an ornamental cast connecting bar or bracket 3, provided at each end with a socket 4 to receive the ends of said posts, which are secured therein by set-screws 5 and connected at their lower ends by an ornamental cast connecting bottom bracket 6. Intermediate their ends these connecting
45 50

members or brackets are each provided with a socket to receive the pivot-pins 7 on the upper and lower ends of the frame of a center mirror 8, which is of a width to just permit of its swinging horizontally on said pivots within the supporting-frame. 55

A casting 9, provided with an open socket or sleeve bearing 10 to receive the extreme lower end of the tubular post 2, is secured to each post by a screw 11 to prevent the turning thereon, and this casting is formed with an offset 12 and a pintle or stem 13, extending downwardly from the lower end of said offset in axial line with its bearing. The ends of the bottom connecting member or bracket 6 of the frame and ornamentally-designed supporting-legs 14 are secured to these downwardly-extending stems by forming each leg and bracket end with a sleeve-segment 15, which segments together form tubular clamping-sleeves to embrace these stems and are secured together and clamped rigidly to the same by screws or bolts extending through openings in ears 16 on said segments. Each leg is thus formed with one-third of a clamping-sleeve, the part on one end of the bracket forming the other third, and thus, where the three parts or segments are drawn together by the clamping-screws, said connecting-bracket and two legs are firmly secured to each post 2 in such a manner that they may be quickly detached or assembled. To further secure these parts to the pintles, screws 17 may be tapped through the sleeves into the pintles. 60 65 70 75 80 85

Within each post 2 is a rod or tube 18, which is longer than the post, projecting therefrom a short distance at its upper end and at its lower end extending across the offset of the casting 9 into engagement with a shoulder or seat 19 therefor formed on the casting at the lower end of the open side of the offset. Secured to this lower end of each tube is a laterally-extending supporting-arm 20, having a bearing or sleeve 21, which is of a length to just fit in between the lower end of the sleeve-bearing 10 and the shoulder 19 and is detachably secured to the tube by a set-screw 22. A similar arm 23 is secured to the upper projecting end of each inner tube in a like manner, and a finishing cap or 90 95 100

knob 24 is secured to the upper end of each of said tubes by being provided with a stud to project into the same. Between the outer free ends of these arms are pivoted the side or wing mirror frames 25, which may be turned to any desired position on these pivots, as the arms are of sufficient length to allow the frames to swing past the posts 2, and the position of the mirrors may be changed by swinging the arms forward or back. The arms are held in alinement when swung, thus holding the mirror-frames in their perpendicular position by being firmly secured to the inner tubes, which turn with said arms.

The connecting brackets and posts with their end castings and the supporting-legs form a very rigid supporting-frame, all members of which are firmly and rigidly held against turning, and by providing each post with the offset so that the arms may be secured to a tube or rod rotatable within said posts light tubing of small diameter may be used, as the outer tubing forming the posts will be of a diameter to give sufficient rigidity and strength to the frame when made of thin tubing and the inner tubes or rods turning within the posts are strengthened thereby so that they may be of small diameter. The parts are so secured together that they may be quickly and easily put together by an inexperienced person, thus permitting of the device being shipped in the knockdown, and the manner of forming the legs and bottom bracket permits the separation of the legs, so that the device may be packed in a small space, and but few screws or bolts are necessary to secure all firmly in place.

Having thus fully described my invention, what I claim is—

1. In a multiple mirror, the combination of a supporting-frame consisting of tubular side posts open at each end, a top bracket connecting the upper ends of said posts and secured thereto, members secured to the lower ends of said posts and extending downwardly and laterally therefrom, a bottom bracket connecting said members, legs attached to said members, a tube rotatable within each post and projecting from the ends thereof, laterally-projecting arms secured to the projecting ends of said tubes, and mirror-frames pivoted between the free ends of said arms.

2. In a multiple mirror, the combination of a supporting-frame consisting of tubular side posts open at each end, a top bracket connecting the upper ends of said posts and secured thereto, a casting secured to the lower end of each post and formed with an offset, a bottom connecting-bracket and legs secured to the lower ends of the offsets, a tube rotatable within each post and projecting from each end thereof, arms detachably secured to

the projecting ends of the tubes, and mirror-frames pivotally attached to the outer ends of said arms.

3. In a multiple mirror, the combination of a supporting-frame consisting of tubular side posts open at each end, a connecting-bracket secured to the upper ends of said posts, castings each formed with an open bearing to receive the lower ends of the posts which are secured therein and with an offset portion having a stem on its lower end extending downward in axial alinement with the post, a bottom bracket secured at its ends to the stems, legs secured to the stems, tubes rotatable in the posts and projecting from the ends thereof, arms secured to the projecting ends of the tubes, and mirror-frames pivoted between the free ends of said arms.

4. In a multiple mirror, the combination of tubular side posts open at each end, castings each formed with an open bearing to receive the lower ends of the posts and with an offset having a stem on its lower end extending downward in axial alinement with the post and forming a bearing-shoulder opposite the lower end of the open bearing at a distance therefrom, a top connecting-bracket secured to the upper ends of the posts, a bottom connecting-bracket secured at its ends to the stems, legs secured to the stems, a tube rotatable within each post with its lower end engaging the shoulder on the casting and its upper end projecting from the post, an arm secured to each upper projecting end, arms secured to the lower ends of said tubes and each formed with a bearing-sleeve to receive the lower end of each tube and of a length to fit between the lower end of the open bearing and the shoulder on the casting, and mirror-frames pivoted between the free ends of said arms.

5. In a multiple mirror, the combination of a supporting-frame consisting of tubular side posts open at each end, castings detachably secured to the lower ends of said posts each formed with an open bearing to receive the post and with an offset formed with a stem extending downward from the lower end of said offset in axial line with said post and having a bearing-shoulder opposite the ends of said open bearing, an upper connecting-bracket secured to the upper ends of the posts, a lower connecting-bracket, legs, sleeved segments formed on each leg and the ends of the lower bracket, the segments on two legs and one end of the bracket together forming a clamping-sleeve to receive the said stem on one of the castings, ears on said segments having openings, screws engaging said openings to secure the segments together and clamp the same to the stems, a tube in each post with its ends projecting therefrom, arms detachably secured to the upper ends of said

tubes, arms having bearings of a length to fit
between the lower end of the open bearing and
the shoulder on each casting secured to the
lower ends of said tubes, a mirror-frame piv-
5 oted between the connecting-brackets, and
side-mirror frames pivoted between the
outer ends of said arms.

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

JOHN H. PETROSKEY.

Witnesses:

OTTO F. BARTHEL,
OLIVER E. BARTHEL.