

No. 812,660.

PATENTED FEB. 13, 1906.

T. G. LOVEGROVE.
ADJUSTABLE MIRROR SUPPORT.
APPLICATION FILED JUNE 1, 1905.

Fig. 1.

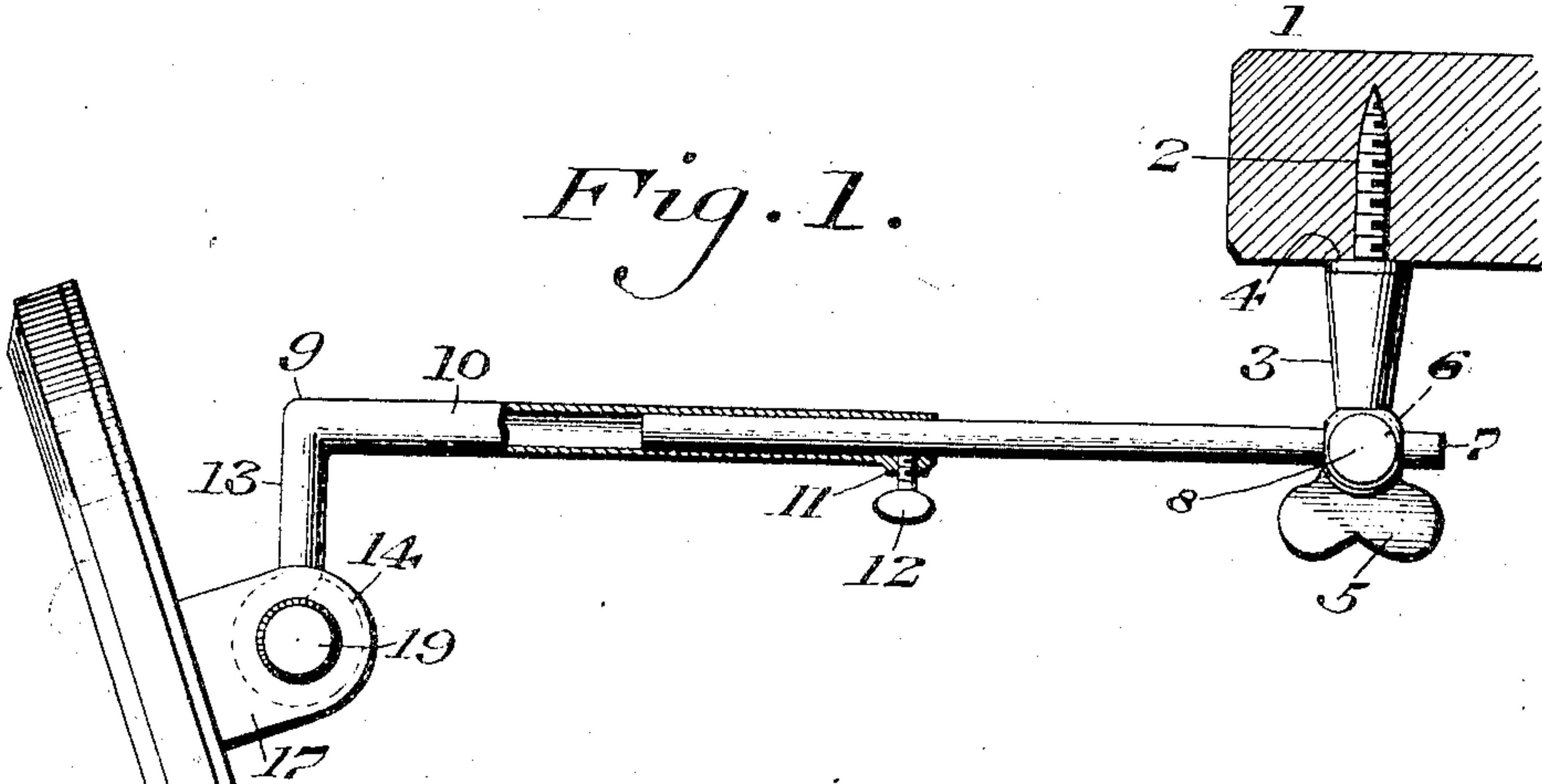


Fig. 3.

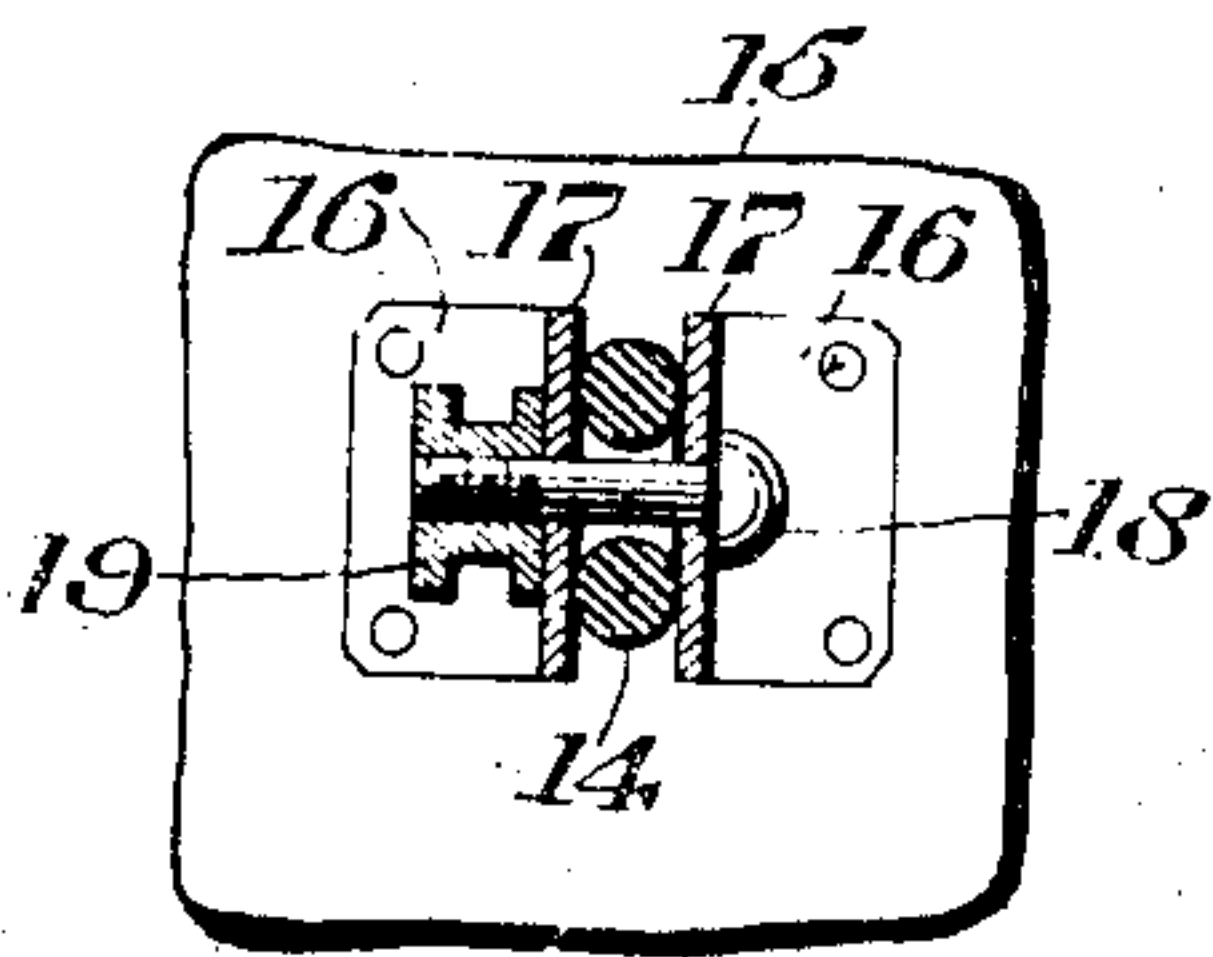


Fig. 2.

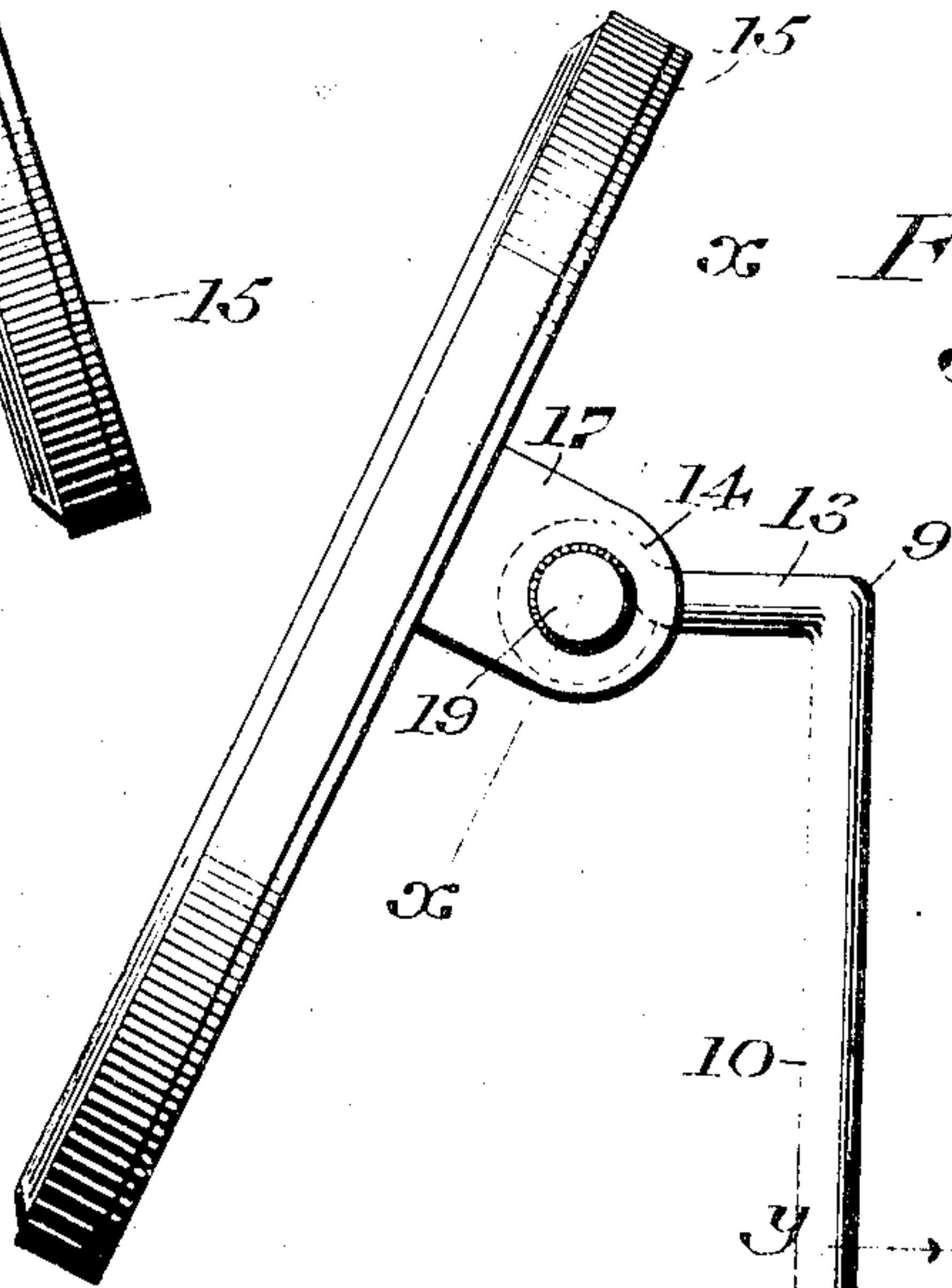
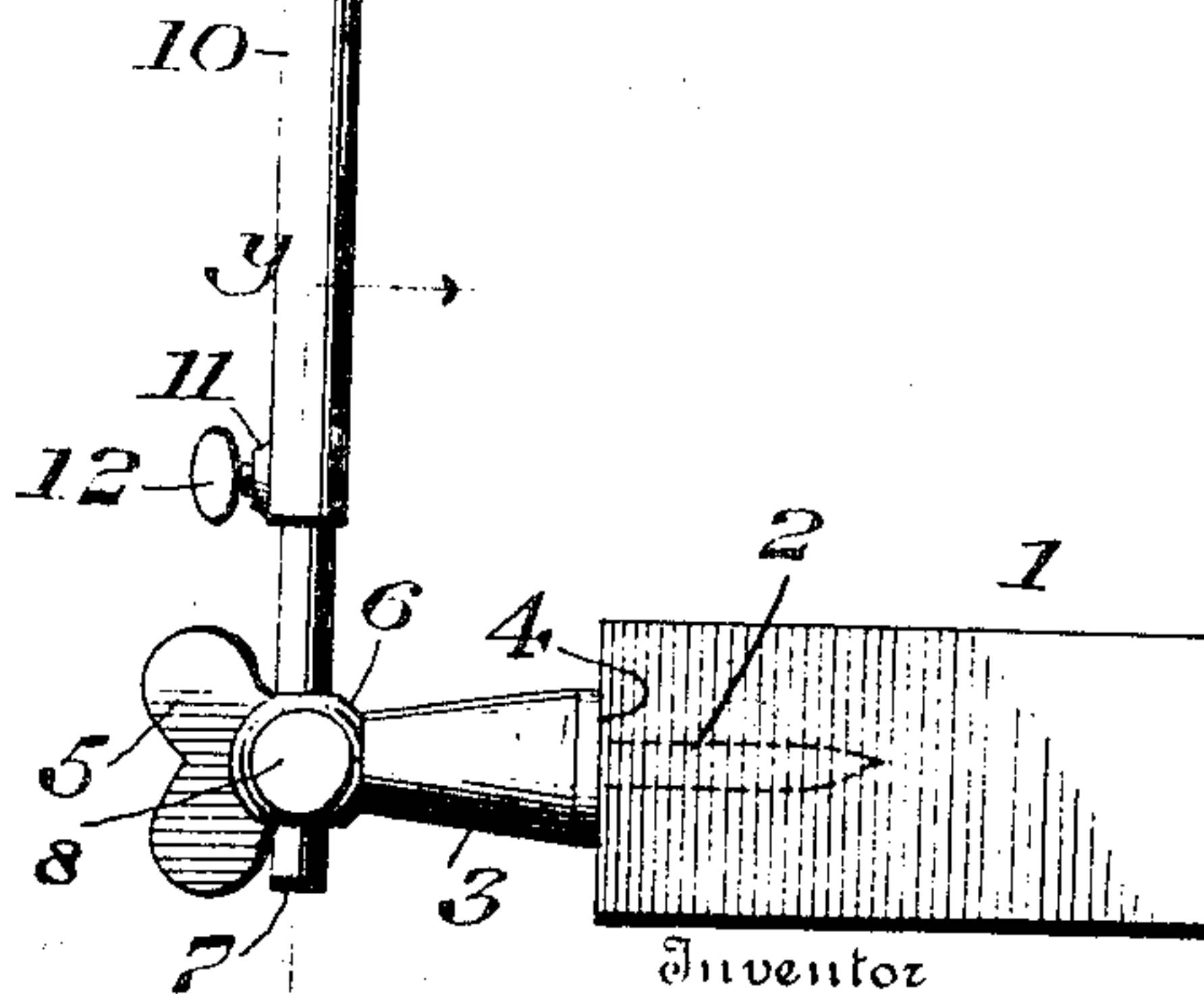
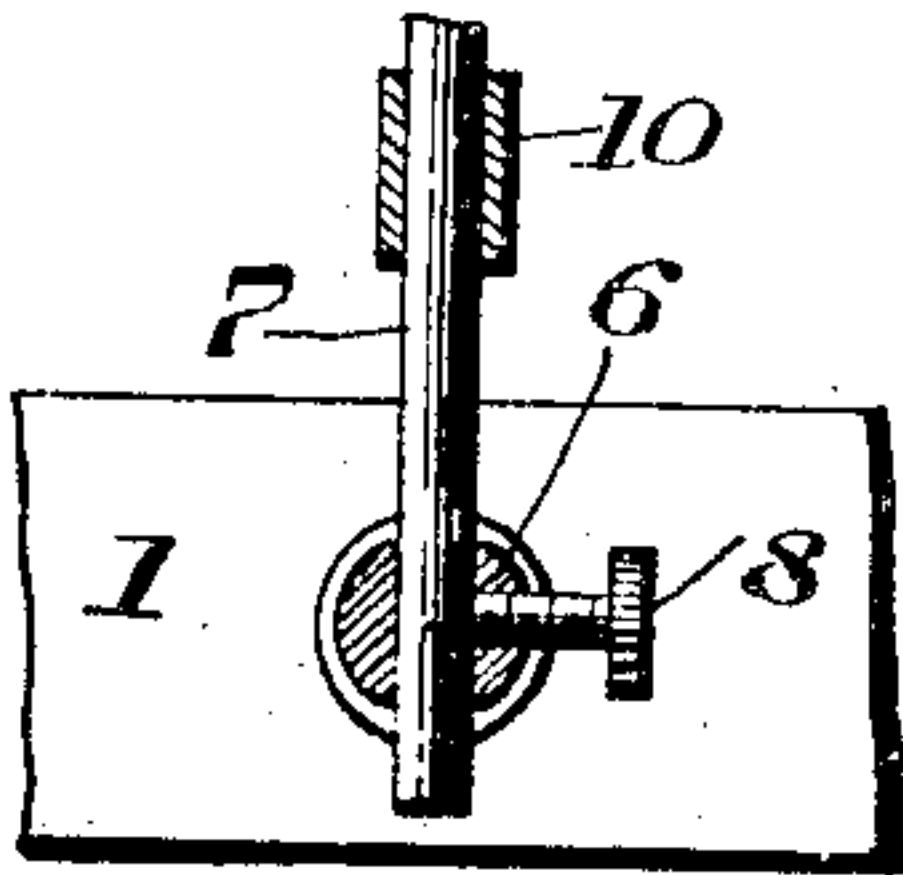


Fig. 4.



Witnesses
P. H. Nagle.
L. Rouville.

Thomas G. Lovegrove,
By Niederstine & Fairbanks.
Attorneys

UNITED STATES PATENT OFFICE.

THOMAS G. LOVEGROVE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR
TO MARSHALL A. WOOD, OF PHILADELPHIA, PENNSYLVANIA.

ADJUSTABLE MIRROR-SUPPORT.

No. 812,660.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed June 1, 1905. Serial No. 263,285.

To all whom it may concern:

Be it known that I, THOMAS G. LOVEGROVE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Adjustable Mirror-Support, of which the following is a specification.

My invention consists of a novel attachment adapted to adjustably support a mirror or reflector.

Figure 1 represents a side elevation of an attachment embodying my invention, showing a portion broken away for clearness of illustration. Fig. 2 represents a side elevation showing a different manner of securing the device. Fig. 3 represents in side elevation a sectional plan view of a portion of the device on line *xx*, Fig. 2. Fig. 4 represents a vertical section on line *yy*, Fig. 2.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings, 1 designates the base or support to which the device is to be secured and into which the threaded end 2 of the post 3, forming a fastener, is adapted to be screwed; said post having a shoulder 4, which engages the base 1 when the post is secured in position.

5 designates wings at the end of the post 3, which may be grasped during the operation of inserting or removing the same.

6 designates a boss on the post 3, the same having an opening therethrough which by proper rotation of said post may be placed in upright or horizontal position, it being provided with wings or thumb-pieces 5 for convenience of rotation of said post, it being adapted to receive a rod or arm 7, which latter is adjustably retained therein in longitudinally-sliding direction by means of the set-screw 8, which is fitted to said boss and adapted to engage the side of said rod, which latter telescopically enters said sleeve forming together the arm 9, the end of said sleeve 10 carrying a lug or raised portion 11 in which a set-screw 12 has engagement, whereby the relation of the rod 7 with the arm 9 may be adjusted as desired. The arm 9 is bent at

an angle so as to form the arm 13, which latter carries at its end a ring or eye 14, as seen in dotted lines in Figs. 1 and 2 and in section in Fig. 3. The set-screw 8 extends at a right angle to the opening in the boss 6 and serves to firmly bind the supporting-arm 9 in its adjusted position on said boss.

15 designates the mirror or other object to be supported and which has suitably secured thereto the members 16, which have outwardly-extending ears 17, between which the ring 14 is pivoted by means of a screw 18, which passes therethrough and through said ears 17, said screw 18 being held in its adjusted position by means of a nut 19.

It will be seen that by the use of my novel construction the mirror or other article which it supports may be adjusted in any desired direction. The rod 7 is adjustable both rotatably and longitudinally in the post 3. The arm 9 is both rotatably and longitudinally adjustable on the rod 7, and the mirror or other article 15 may be adjusted on its pivot, as is apparent from Figs. 1, 2, and 3. As the post 3 is rotatable and the opening in the boss 6 may be placed in upright or horizontal position, the arm 9 may be similarly placed, by which provision the mirror or object may be set out nearer to or farther from the base 1 and provision made for raising or lowering the same, while the height or length of the same may then be nicely adjusted and preserved, as it occupies its upright or horizontal position, thus increasing the range of adjustment of the mirror or object, as apparent on inspection of Figs. 1 and 2.

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

A mirror-supporting arm, in combination with a post formed with a screw-stem, a boss, and a thumb-piece, said boss being provided with an opening therethrough, and a binding-screw at a right angle to said opening.

THOMAS G. LOVEGROVE.

Witnesses:

C. D. McVAY,
M. G. LUKENS.