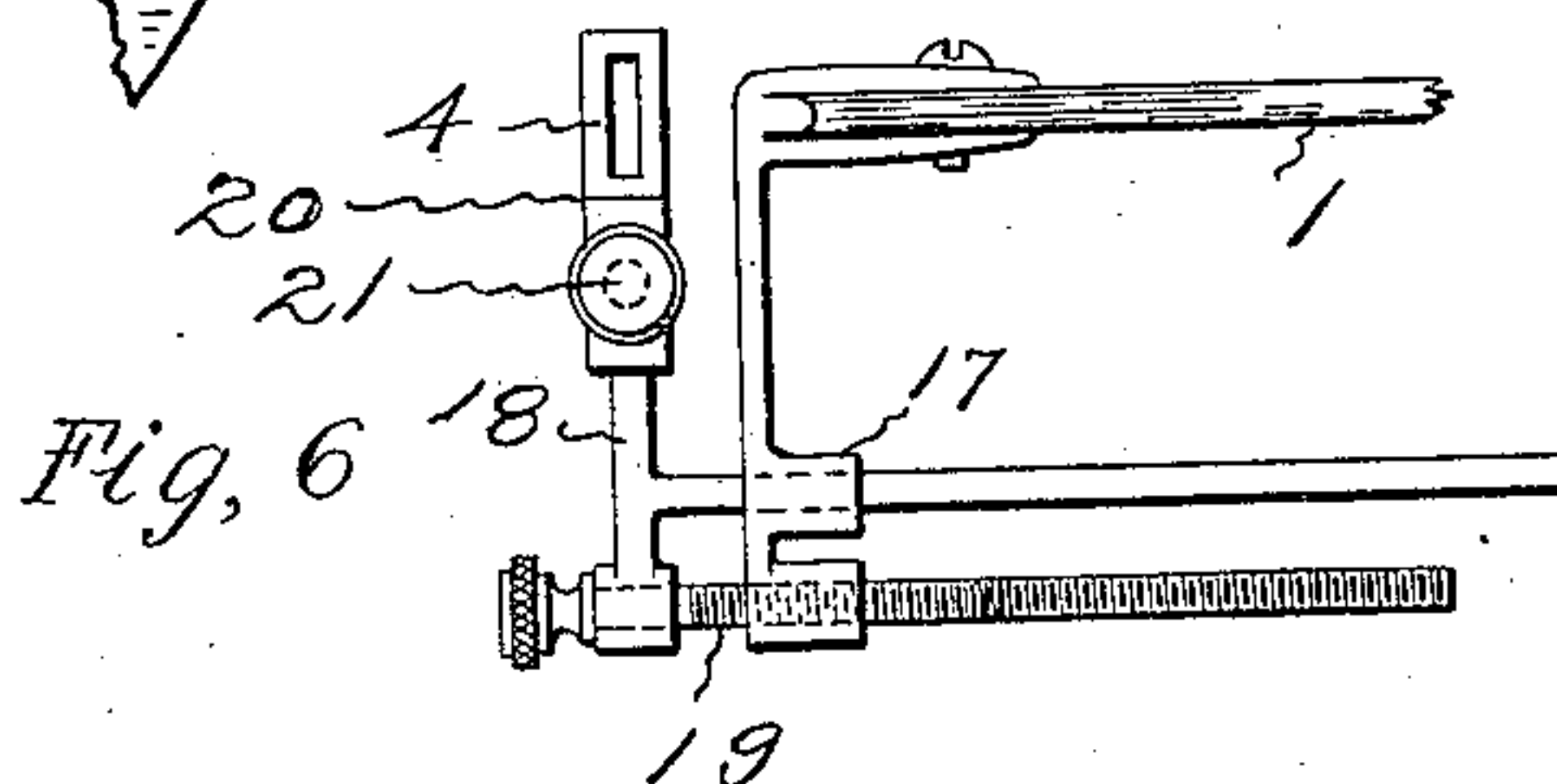
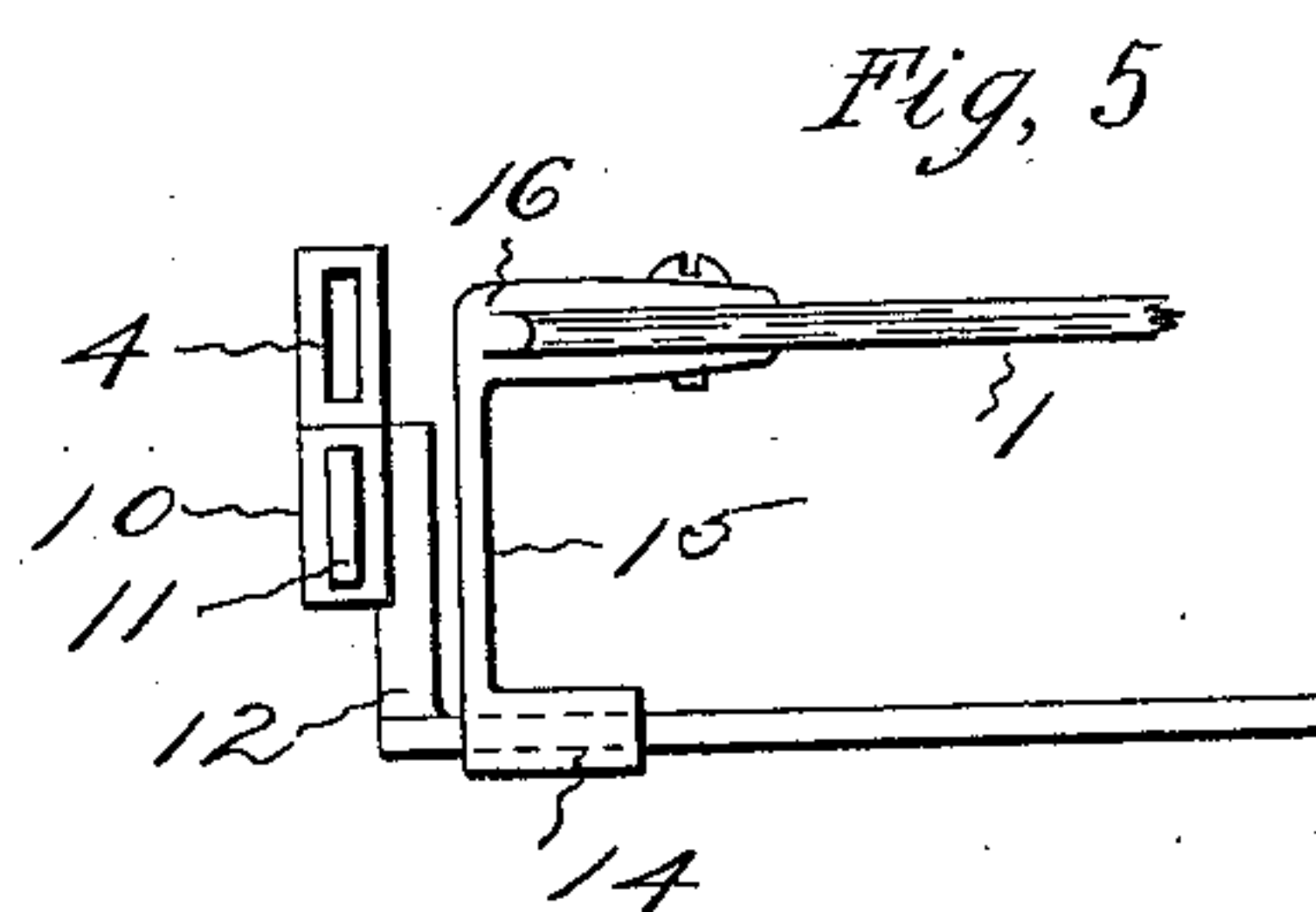
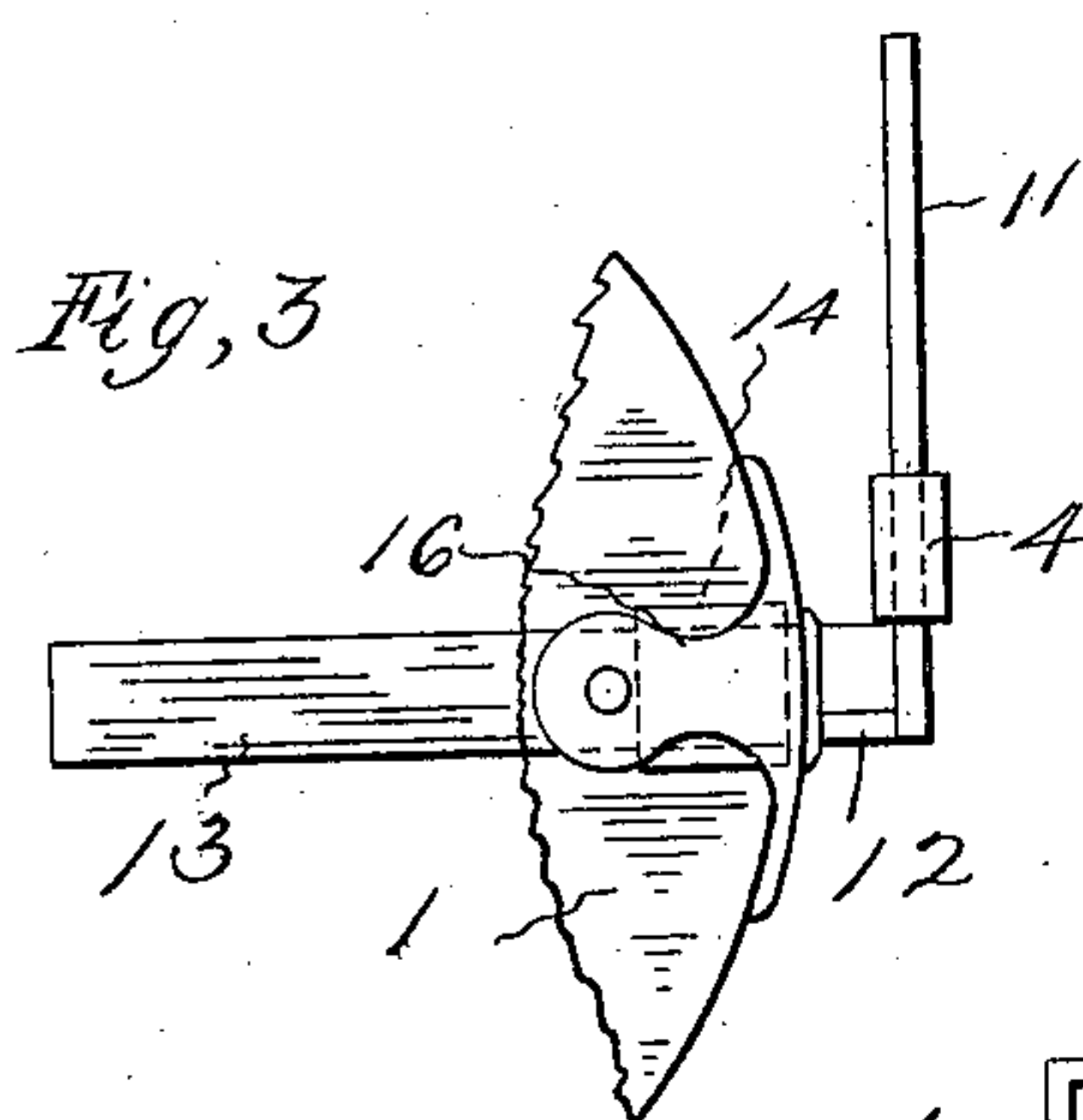
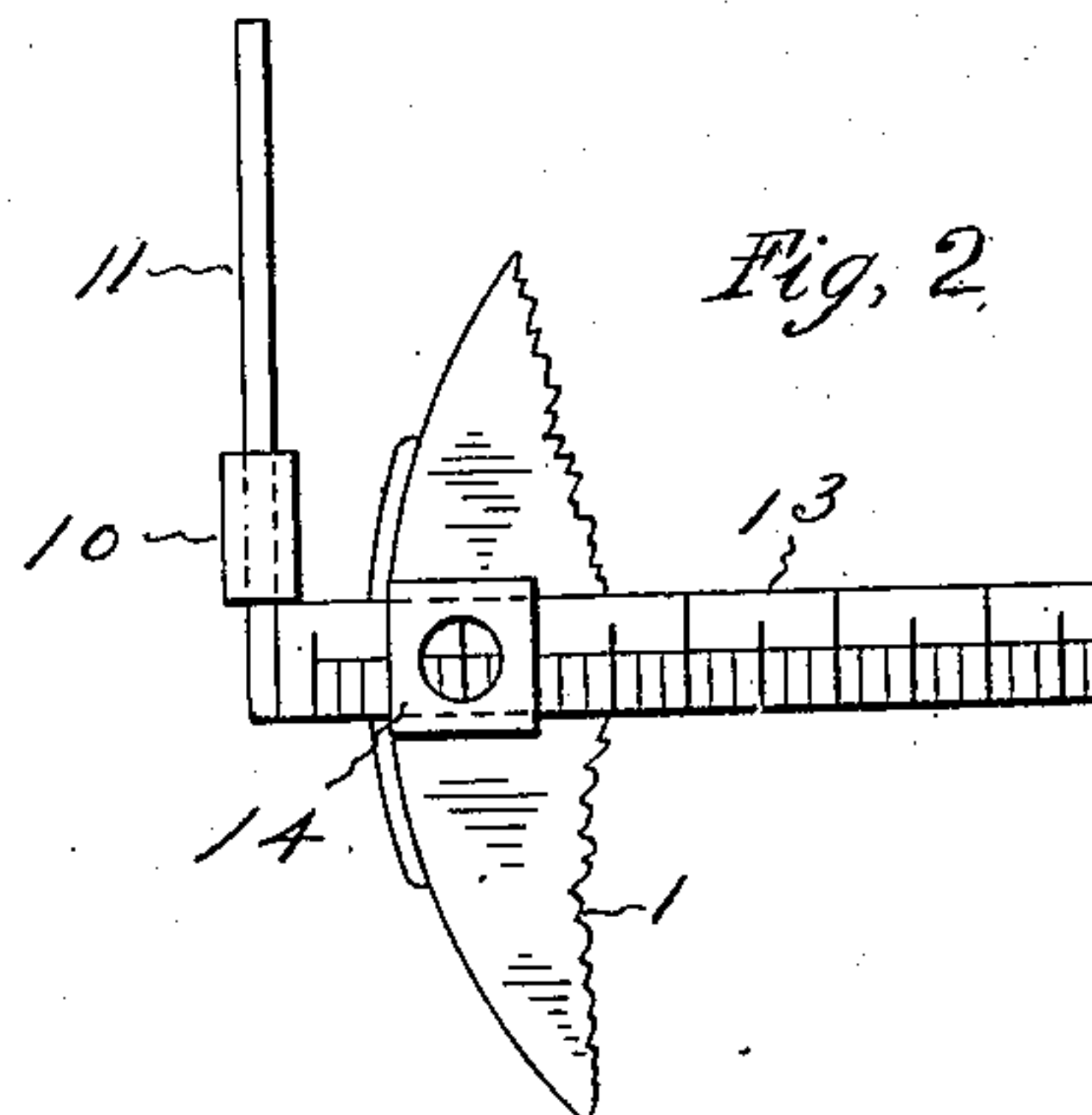
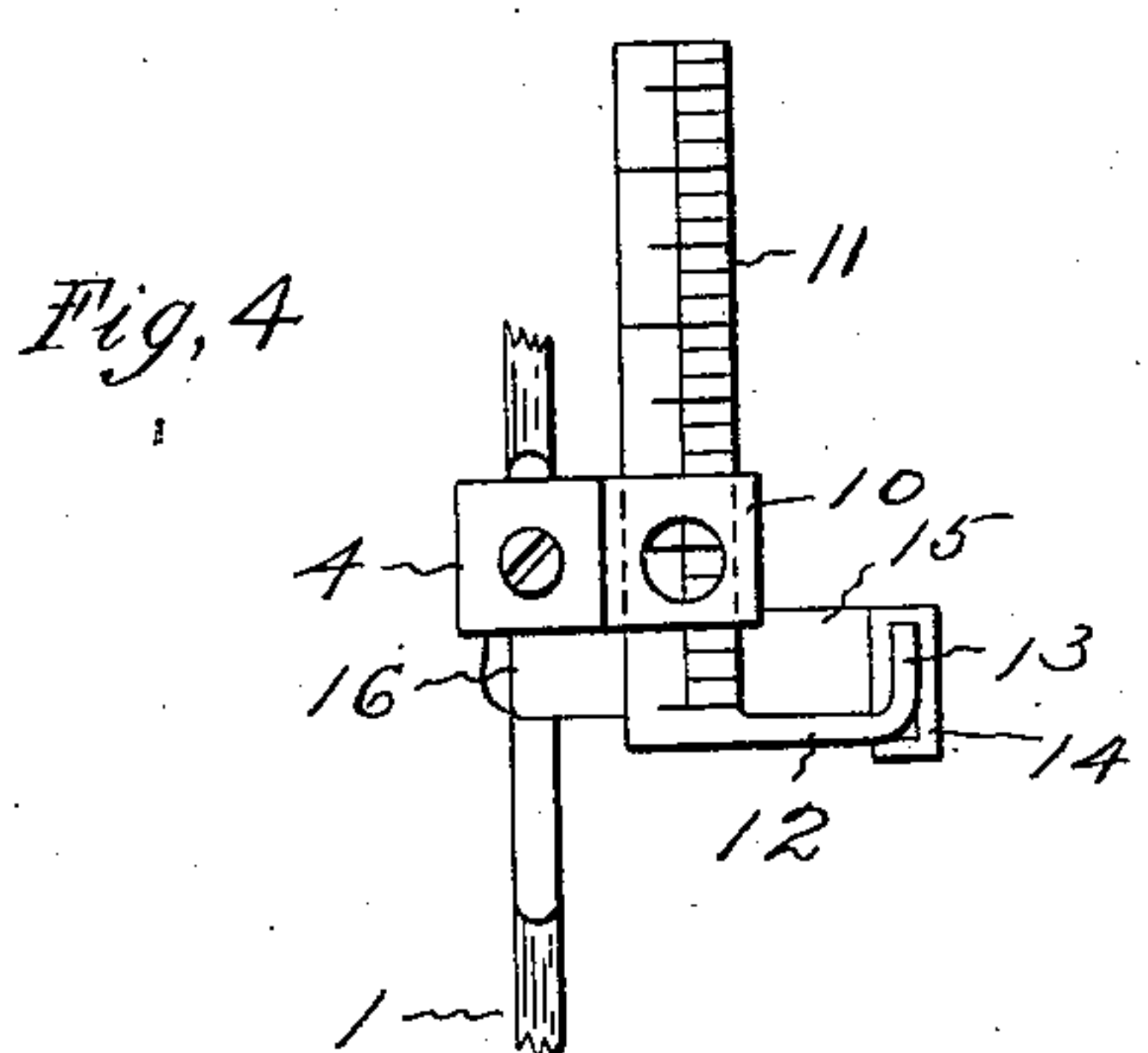
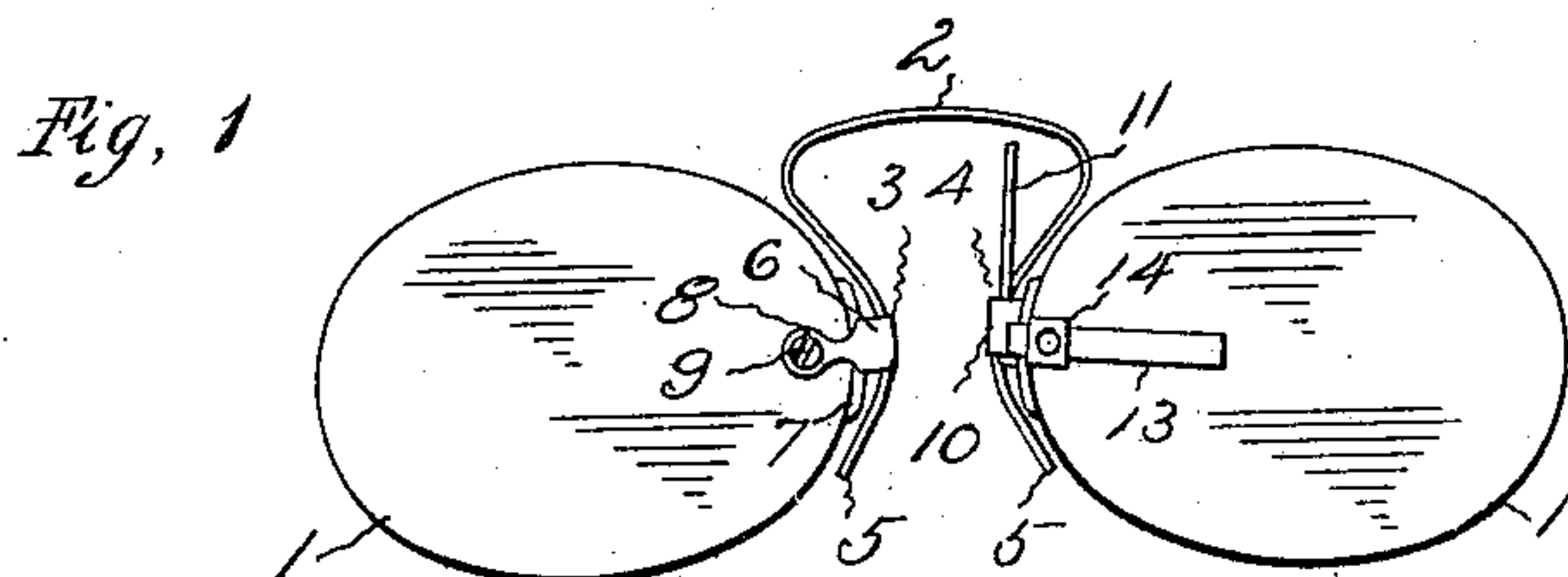


No. 861,741.

PATENTED JULY 30, 1907.

R. H. LEWIS.
EYEGLASS FRAME.
APPLICATION FILED FEB. 26, 1907.



Witnesses:
John. Ferguson,
Lena C. Berry

Inventor:
Robert H. Lewis, by
Harry P. Williams
Attorney.

UNITED STATES PATENT OFFICE.

ROBERT H. LEWIS, OF HARTFORD, CONNECTICUT, ASSIGNOR OF ONE-HALF TO FOSTER E. HARVEY, OF HARTFORD, CONNECTICUT.

EYEGLASS-FRAME.

No. 861,741.

Specification of Letters Patent.

Patented July 30, 1907.

Application filed February 26, 1907. Serial No. 359,423.

To all whom it may concern:

Be it known that I, ROBERT H. LEWIS, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented a new and useful Eyeglass-Frame, of which the following is a specification.

This invention relates to an eye-glass frame which is adjustable for the purpose of determining the pupillary distance of the eyes of a person to be fitted with glasses.

The object of the invention is to provide a simple construction which can be easily used by any optician for accurately determining the pupillary distance and level of one eye with relation to the other and with respect to the nose of a person.

The invention is illustrated in the drawings in connection with a pair of rimless glasses that have the frame so made that one lens can be raised or lowered and moved in or out with respect to the other.

While the invention is shown as applied to a frame designed for moving one lens it is, of course, applicable in a similar manner for moving the other lens.

Figure 1 of the views shows a front view of a pair of glasses having a frame that embodies the invention. Fig. 2 shows on larger scale a front view of the adjustable part of the frame. Fig. 3 shows a back view of the adjustable part of the frame. Fig. 4 shows an edge view of the same. Fig. 5 shows a plan view. And Fig. 6 shows a plan of a modified form of the frame.

The lenses 1 may be any shape, size and power, and may be clear or tinted glass. The bow 2 is of ordinary form and is fastened to the stud boxes 3 and 4 in the usual manner, and nose-guards 5 of any shape and construction may be secured to the boxes as usual.

In the form of invention shown, the stud 6 has the usual feet 7 that extend along the edge of the lens and the ordinary yoke 8 that embraces the edge of the lens and is secured thereto by a screw 9. Fastened to the stud box 4, in the form shown, is a box 10 with a vertical opening. Extending vertically through this box and fitting the opening snugly so that it may be moved up and down when sufficient

force is applied, but will not move itself, is a bar 11. The lower end of this vertically movable bar has a bracket 12 that supports a horizontal bar 13 and movable horizontally on this latter bar is a box 14 that is fastened to an arm 15 which projects from the stud 16 that has the ordinary yoke and feet. One face of the vertical bar 11 is preferably graduated so that the vertical movement of the bar may be instantly observed, and one face of the horizontal bar 13 is also graduated so that the horizontal movement of the lens box on the bar may be instantly noted. With this construction the glasses may be placed upon the nose of a wearer and the height of one pupil above the other and the distances apart of the pupils or distance of a pupil from the nose, if they are not even, may be accurately determined.

If desired, instead of having the lens adjusted by a sliding movement the movements may be accomplished by screws. The horizontal movement may be obtained by connecting the lens box 17 and the end of the bracket 18 with a screw 19, and the vertical movement may be obtained by connecting the bracket with the box 20 by a screw 21, as shown in Fig. 6. With this construction the positions of the lenses are obtained by turning the screws.

The invention claimed is:

1. The combination with an eye-glass frame having a bow, a nose-guard and a vertical bar, of a lens stud and a lens connected to and movable vertically up and down said bar, substantially as specified.

2. The combination with an eye-glass frame having a bow, a nose-guard and a bar extending parallel with the plane of the lenses, of a lens stud and a lens connected to and movable sideways with relation to the other lens along said bar, substantially as specified.

3. The combination with an eye-glass frame having a bow, a nose-guard, a vertical bar and a horizontal bar, of a lens stud and a lens connected to and movable bodily, horizontally and vertically along said bars, substantially as specified.

ROBERT H. LEWIS.

Witnesses:

HARRY R. WILLIAMS,
LENA C. BERRY.