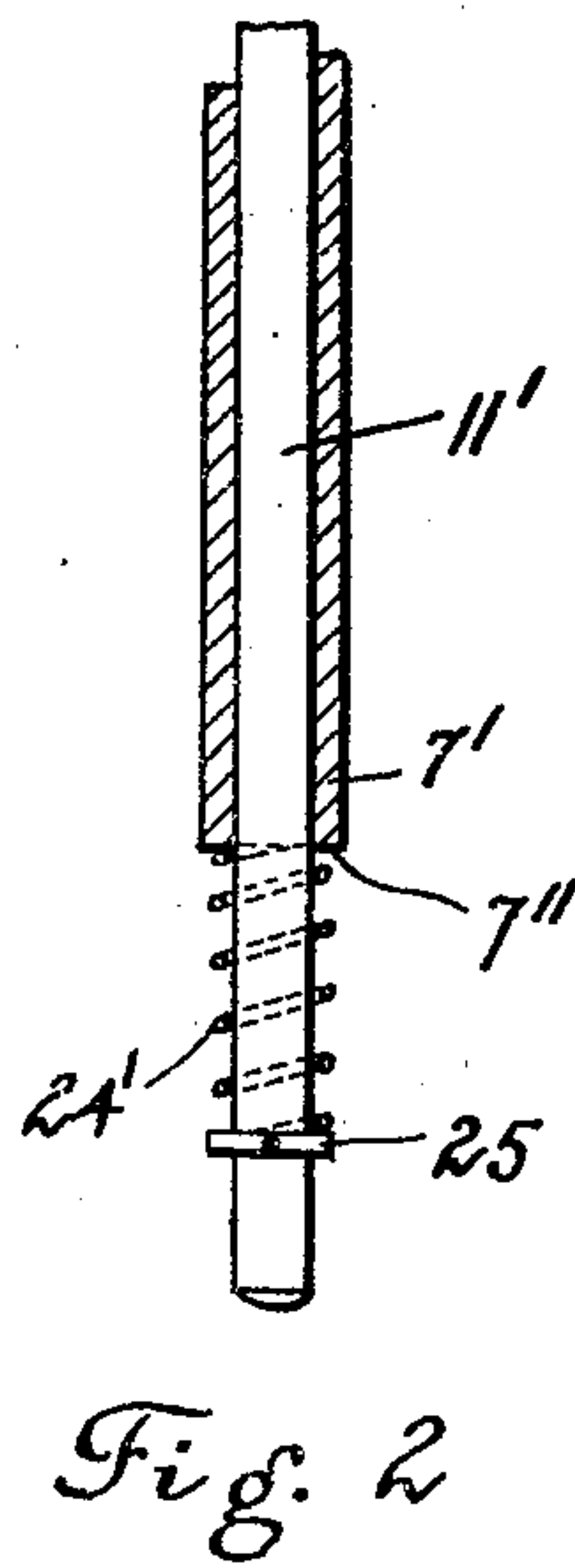
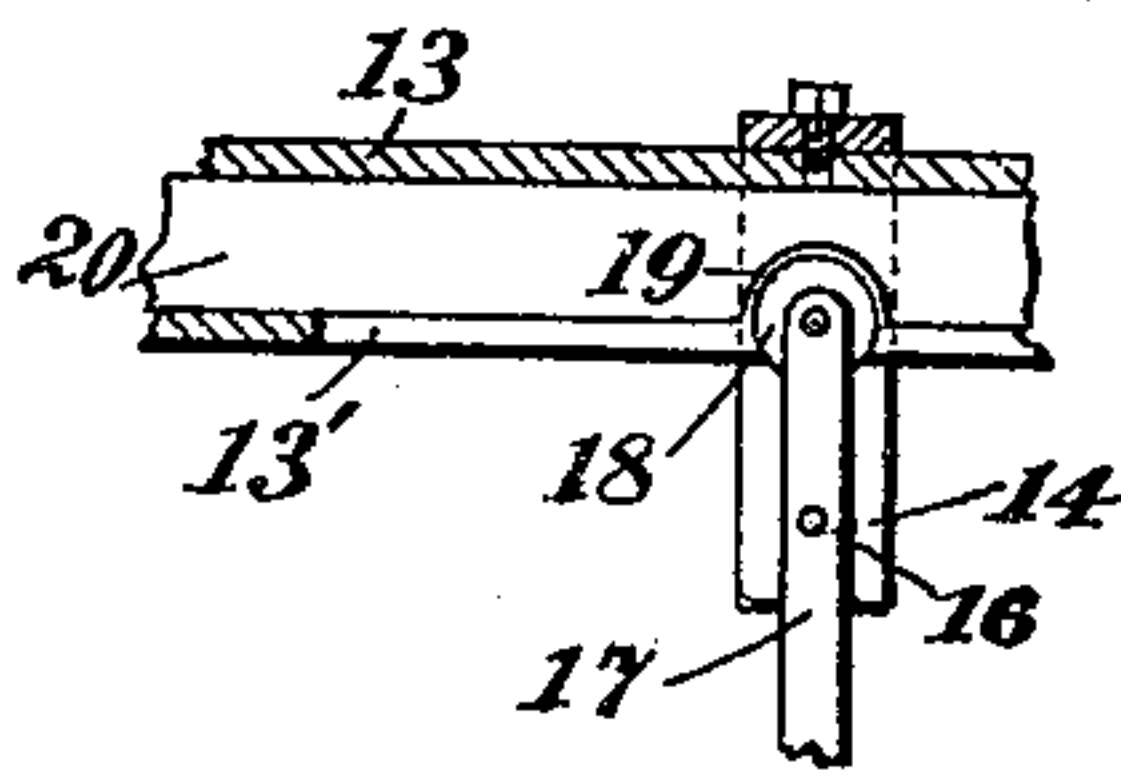
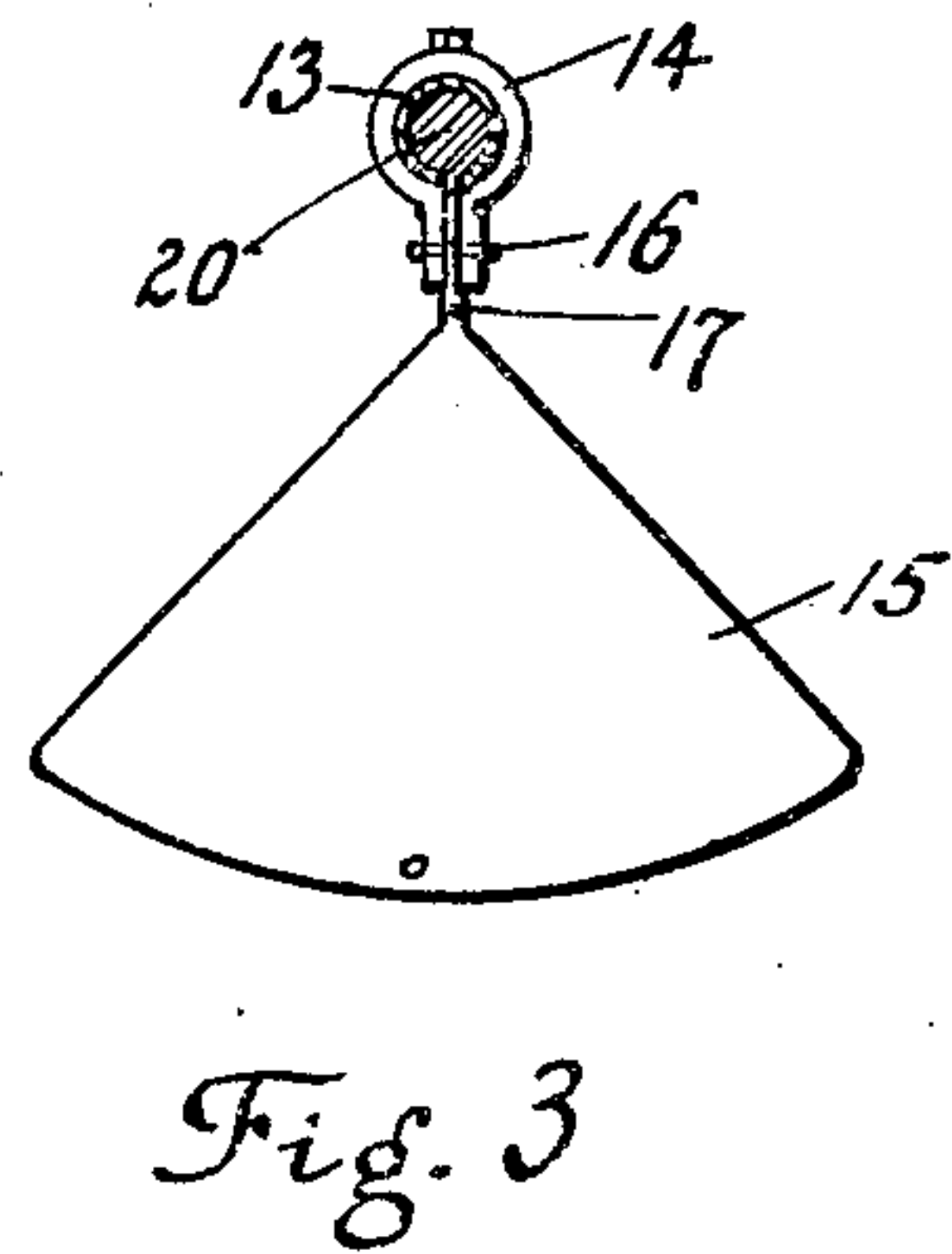
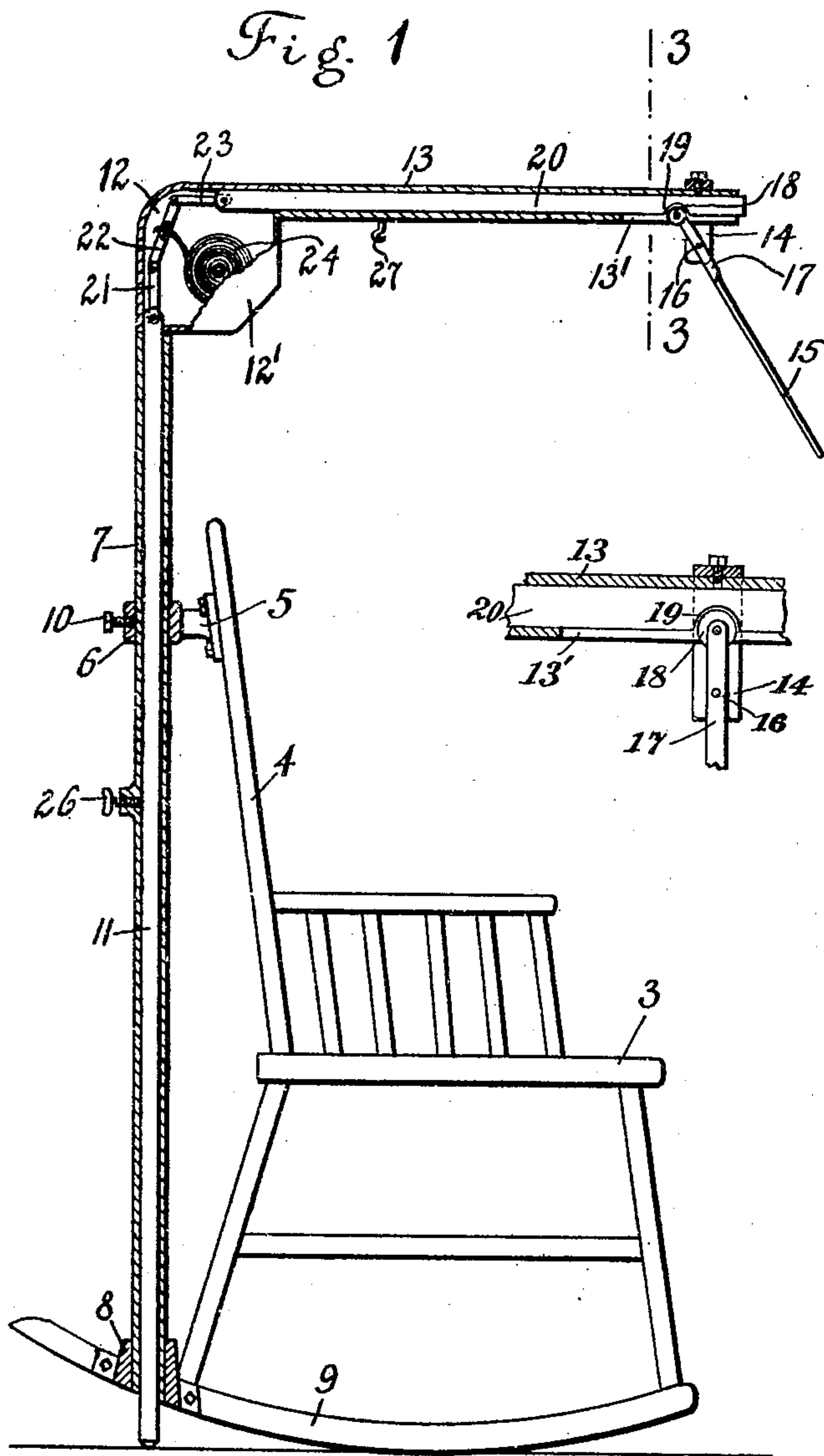


D. BILISITS.
FAN ATTACHMENT FOR ROCKING CHAIRS.
APPLICATION FILED FEB. 12, 1910.

962,808.

Patented June 28, 1910.



WITNESSES:
E. Herzog
S. Bimbaum

INVENTOR
Desider Bilisits
BY
Sigmund Herzog
his ATTORNEY

UNITED STATES PATENT OFFICE.

DESIDER BILISITS, OF JERSEY CITY, NEW JERSEY.

FAN ATTACHMENT FOR ROCKING-CHAIRS.

962,808.

Specification of Letters Patent. Patented June 28, 1910.

Application filed February 12, 1910. Serial No. 543,616.

To all whom it may concern:

Be it known that I, DESIDER BILISITS, a subject of the King of Hungary, and resident of Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Fan Attachments for Rocking-Chairs, of which the following is a specification.

The present invention relates to fan attachments for rocking chairs, and has for its object to provide a very simple and effective device of the class mentioned, which can be readily attached to and detached from any rocking chair, and which is operated by the oscillating movement of the chair.

With these and other objects in view, the invention consists in the construction, arrangement and combination of the several parts hereinafter more fully described, pointed out in the appended claims and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation, partly in section, of a rocking chair and the attachment, Fig. 2 is a modification of the device; Fig. 3 is a section taken on line 3, 3 of Fig. 1, and Fig. 4 is a side elevation of a detail of construction.

In the drawings, the numeral 3 indicates the rocking chair, which is of the ordinary construction. One of the side bars 4 of the chair carries fixedly attached thereto a bracket 5, provided with a tubular member 6, in which is arranged a substantially vertical tube 7, extending at a suitable distance above the seat of the chair and also downwardly into a bearing 8, attached to one of the rockers 9 of the chair. The tube 7 is held in the desired position by means of a set screw 10, which is mounted in the tubular member 6 and engages the tube 7. In the tube 7 is slidably arranged an actuating rod 11, the lower end of which protrudes through the bearing 8 below the plane of the under-edge of the rocker, and engages thus the floor as the chair oscillates. The upper end of the rod 11 projects into a casing 12, which is attached to the tube 7 and carries substantially at right angles to the tube 7 a second tube 13 thereon, extending to the front of the chair, and being provided there with a support 14, to which the fan 15 is pivoted at 16. The fan stem 17 protrudes through a slot 13' into the tube 13 and is provided above its pivot 16 with a roller 18, normally engaging a recess 19 in a rod 20, which is reciproc-

ably mounted in the tube 13. The inner end of the rod 20 is located in the casing 12, above referred to. The connection between the actuating rod 11 and the rod 20 is made by a plurality of bars, such as a bar 21, one end of which is pivotally connected with the rod 11; the other end of said bar 21 being in a similar manner connected by a bar 22 with a bar 23, which is pivoted to the rod 20. A spring 24 bearing against the bar 22, tends to force the same downward toward the back of the chair, whereby the rod 11 is kept in contact with the floor. The casing 12 is provided with a cover 12' for well known reasons. The spring may, of course, be attached to the rod 11, as shown for instance in Fig. 2 of the drawings, in which a rod 11' is made use of, having fixedly attached near to the lower end thereof a washer 25, against which and the lower end 7'' of the tube 7' bears a spring 24', tending to force the actuating rod 11' in contact with the floor.

The operation of the device is as follows: When the chair is rocked back and forth, a vertical reciprocating movement is imparted to the actuating rod 11 and through the connecting bars 21, 22 and 23 to the rod 20. The rod 20 is in engagement with the stem 17 of the fan in the manner hereinabove described, whereby the latter will be oscillated. Since the fan blade is located in proximity to the head of the occupant of the chair, the occupant will be fanned while rocking in the chair. The spring 24 forces the rod 11 downward during the forward movement of the chair to be pushed upward again during the backward movement of the same.

It will be observed that there is no positive connection between the actuating rod 11 and the fan 15, whereby the oscillations of the fan will remain the same irrespective of the force with which the chair is rocked.

If it is intended to stop the operation of the fan while the chair is being rocked, the operating rod 11 is forced upward so that its lower end does not project through the bearing 8, and is kept in such position by means of a set screw 26 upon the tube 7. If not in operation, the fan can be engaged with a hook 27, carried by the tube 13.

It is obvious that many minor changes may be made in the construction and arrangement of the several parts without departing from the spirit and scope of the invention.

What I claim is:

1. The combination with a rocking chair, of a support carried by one of the side bars thereof, a bearing mounted upon one of the
5 rockers of said chair, a substantially vertical tube mounted in said support and bearing, a casing located at the upper end of said tube, a second tube arranged substantially
10 at right angles to said first tube upon said casing and extending to the front of said chair, an actuating rod slidably mounted in said first tube, its lower end projecting
15 through said bearing and being adapted to engage the floor, a second rod reciprocatably arranged in said second tube and being provided with a recess, a support secured to
20 the free end of said second tube, a fan blade carried by said support and having a stem engaging said recess, a plurality of bars pivotally connecting said two rods, and resilient means tending to force said first rod
25 in contact with the floor.

2. The combination with a rocking chair, of a support carried by one of the side bars
25 thereof, a bearing mounted upon one of the

rockers of said chair, a substantially vertical tube mounted in said support and bearing, a casing located at the upper end of said tube, a second tube arranged substantially
30 at right angles to said first tube upon said casing and extending to the front of said chair, an actuating rod slidably mounted in said first tube, its lower end projecting through said bearing and being adapted to
35 engage the floor, a second rod reciprocatably arranged in said second tube and being provided with a recess, a support secured to the free end of said second tube, a fan blade carried by said support and having a stem
40 engaging said recess, a plurality of bars pivotally connecting said two rods, and resilient means engaging said bars for forcing said first rod in contact with the floor.

Signed at New York, in the county of New York and State of New York, this
45 22nd day of Dec., A. D. 1909.

DESIDER BILISITS.

Witnesses:

HELENE BILISITS,
S. BIRNBAUM.