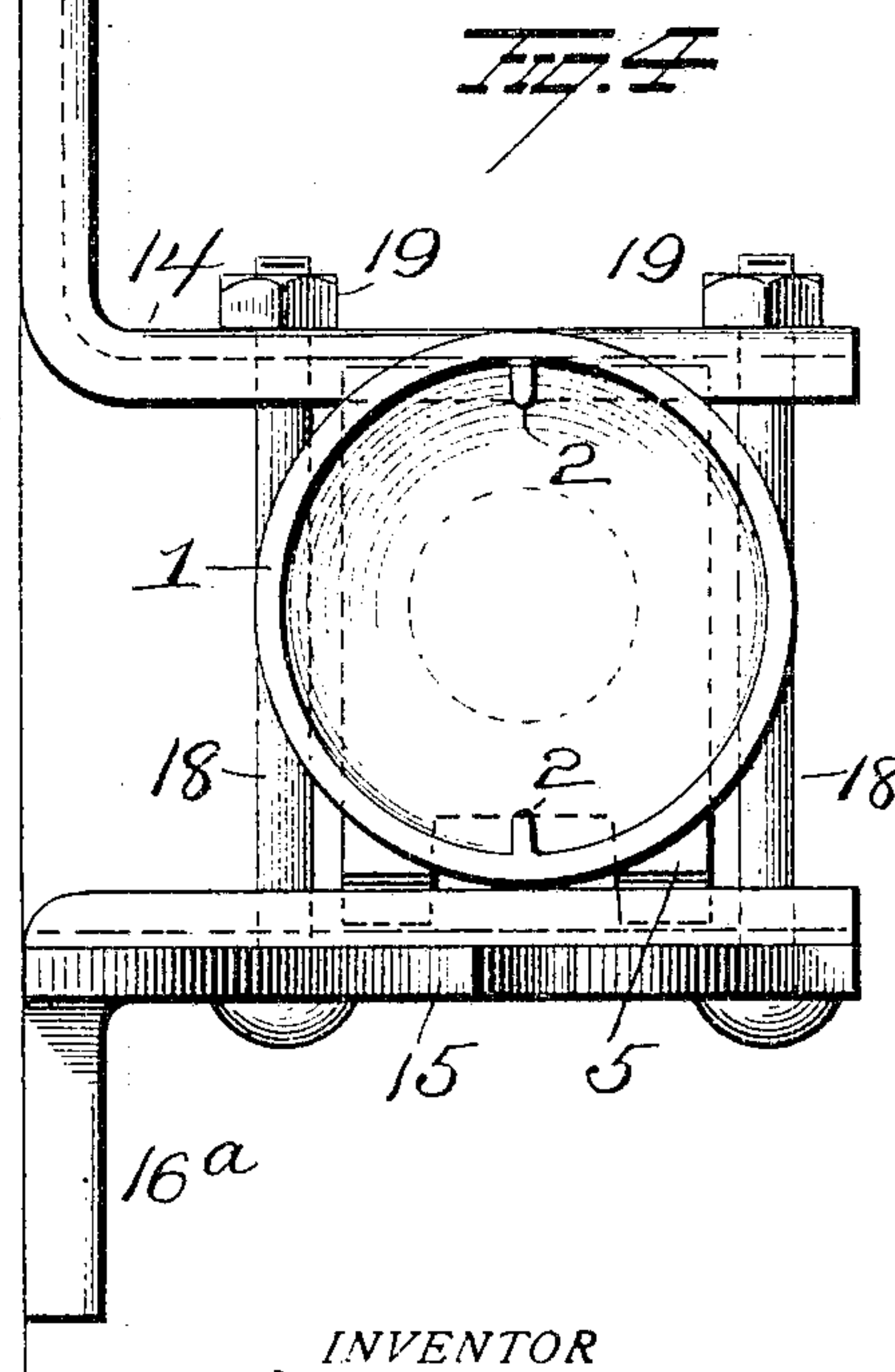
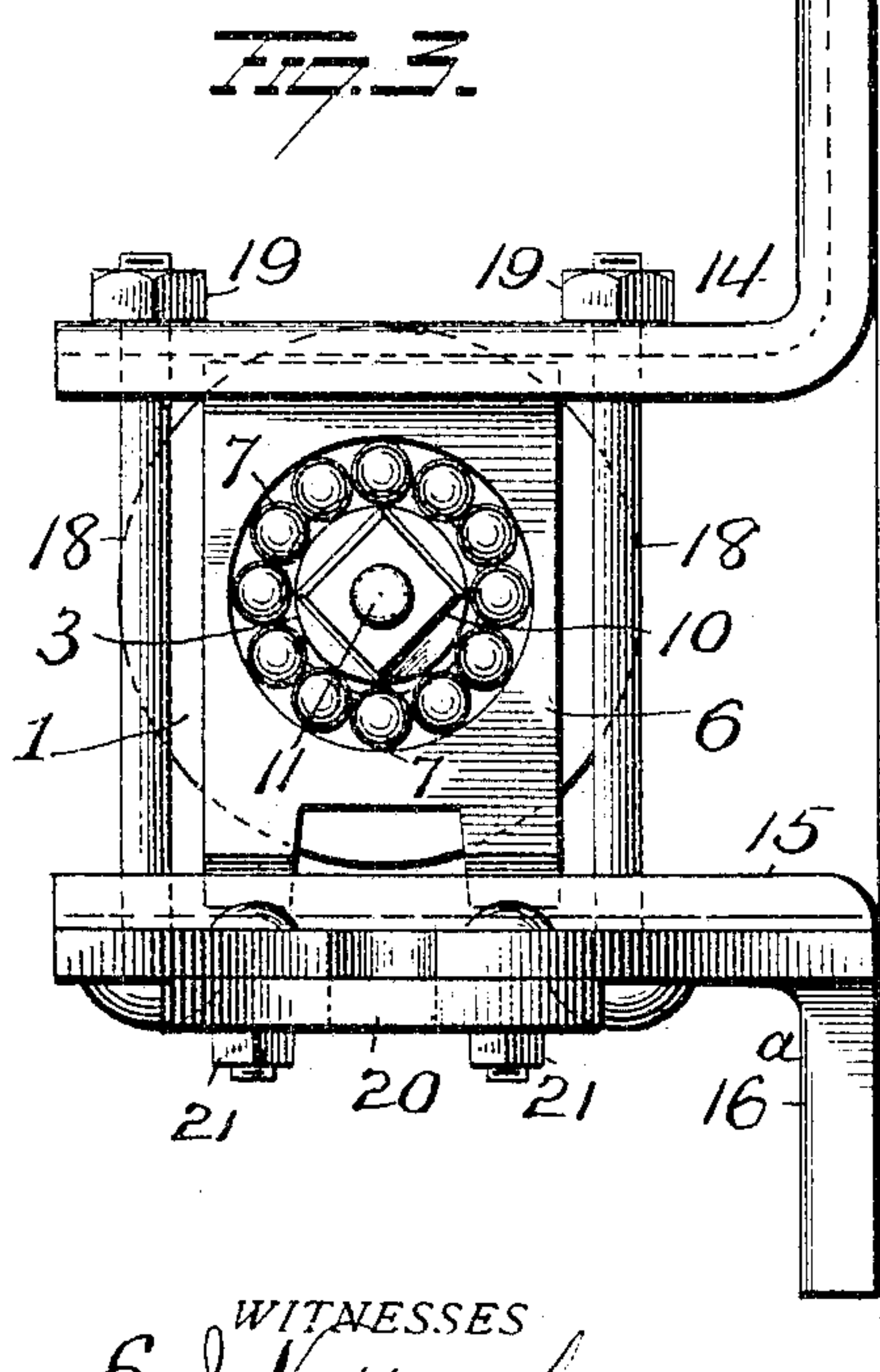
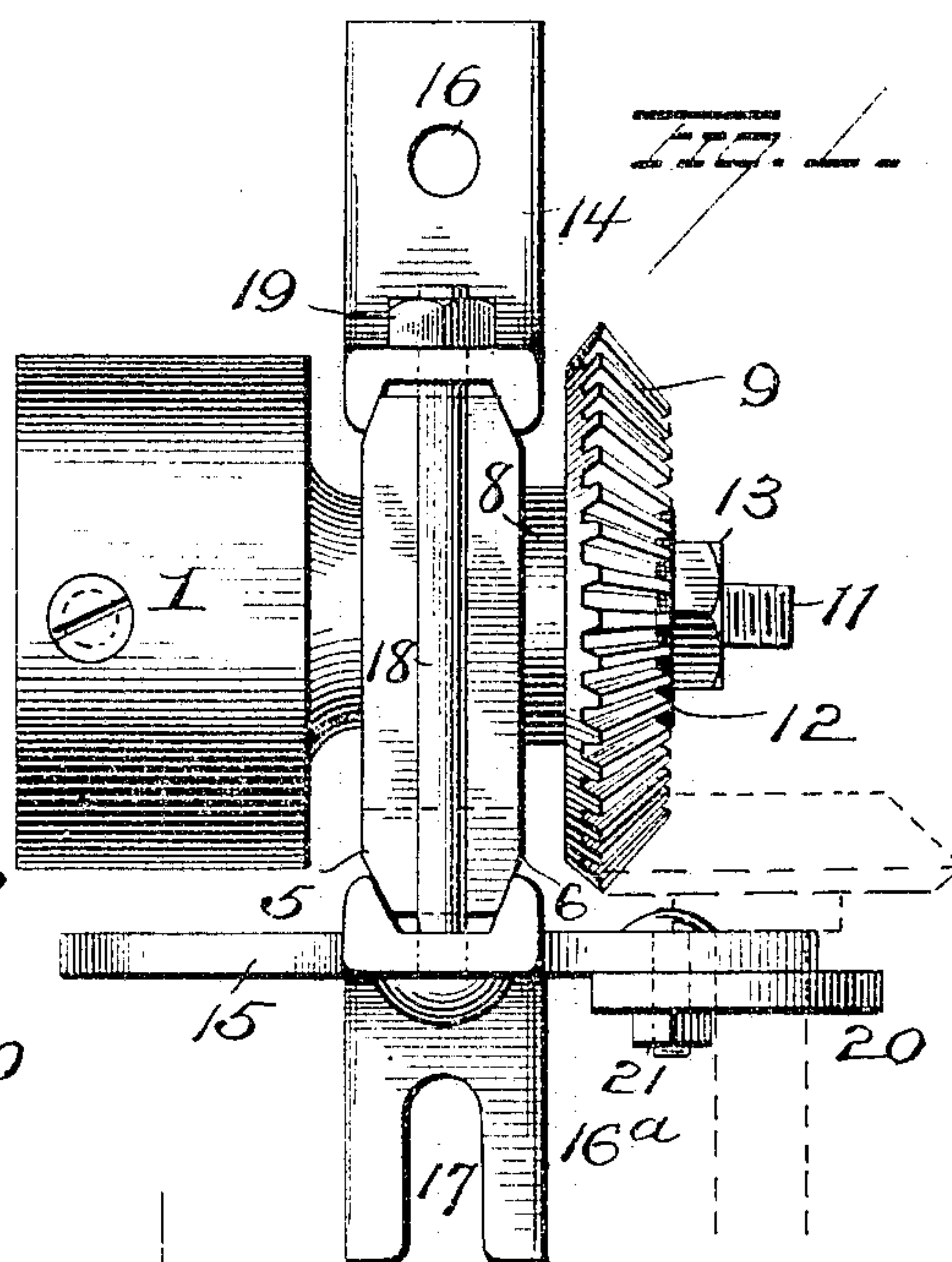
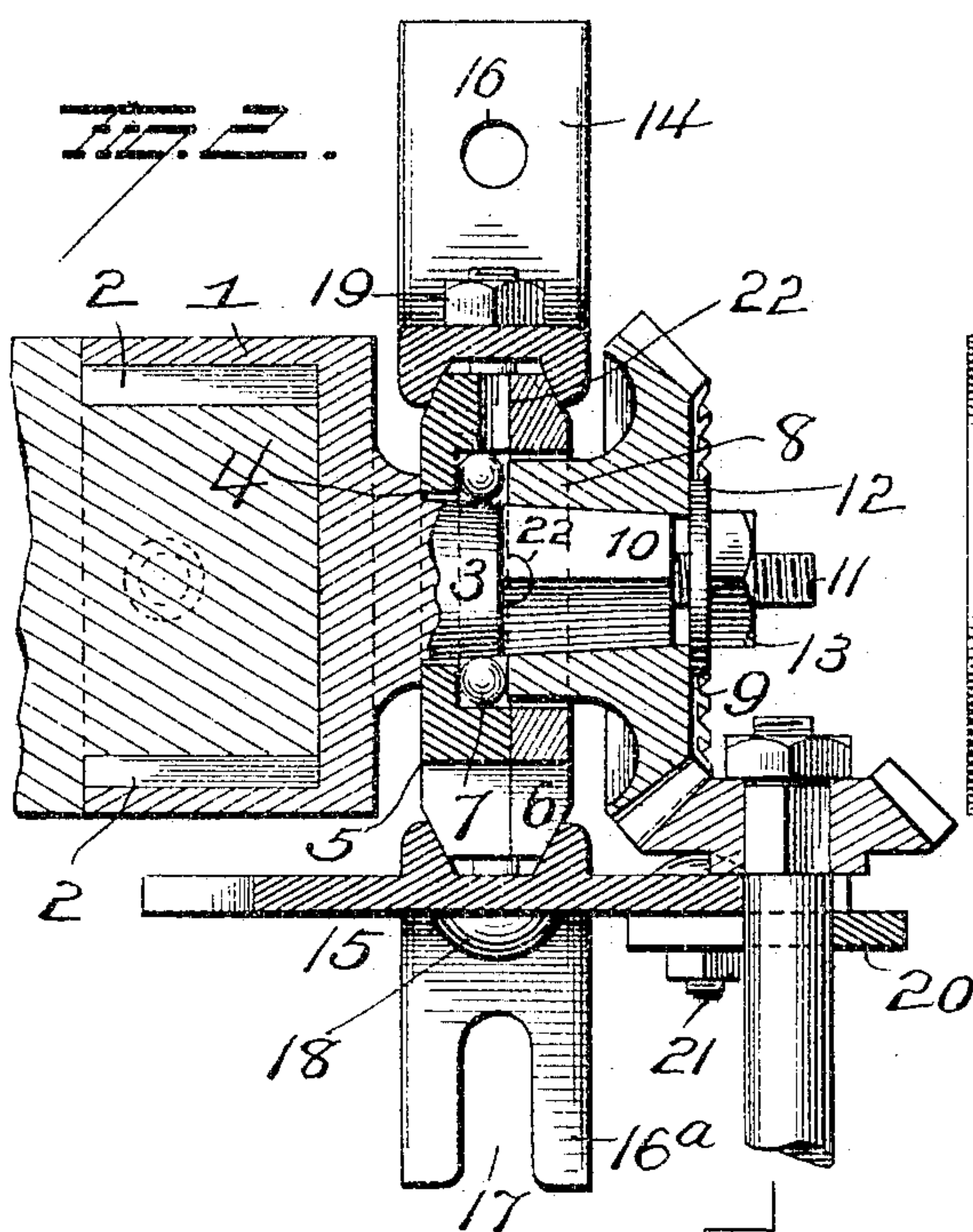


No. 782,300.

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MOUNTING FOR AWNING POLES.  
APPLICATION FILED APR. 9, 1904.

2 SHEETS—SHEET 1.



WITNESSES  
E. J. Nottingham  
G. F. Downing.

INVENTOR  
M. F. Niedemann  
By H. A. Seymour  
Attorney

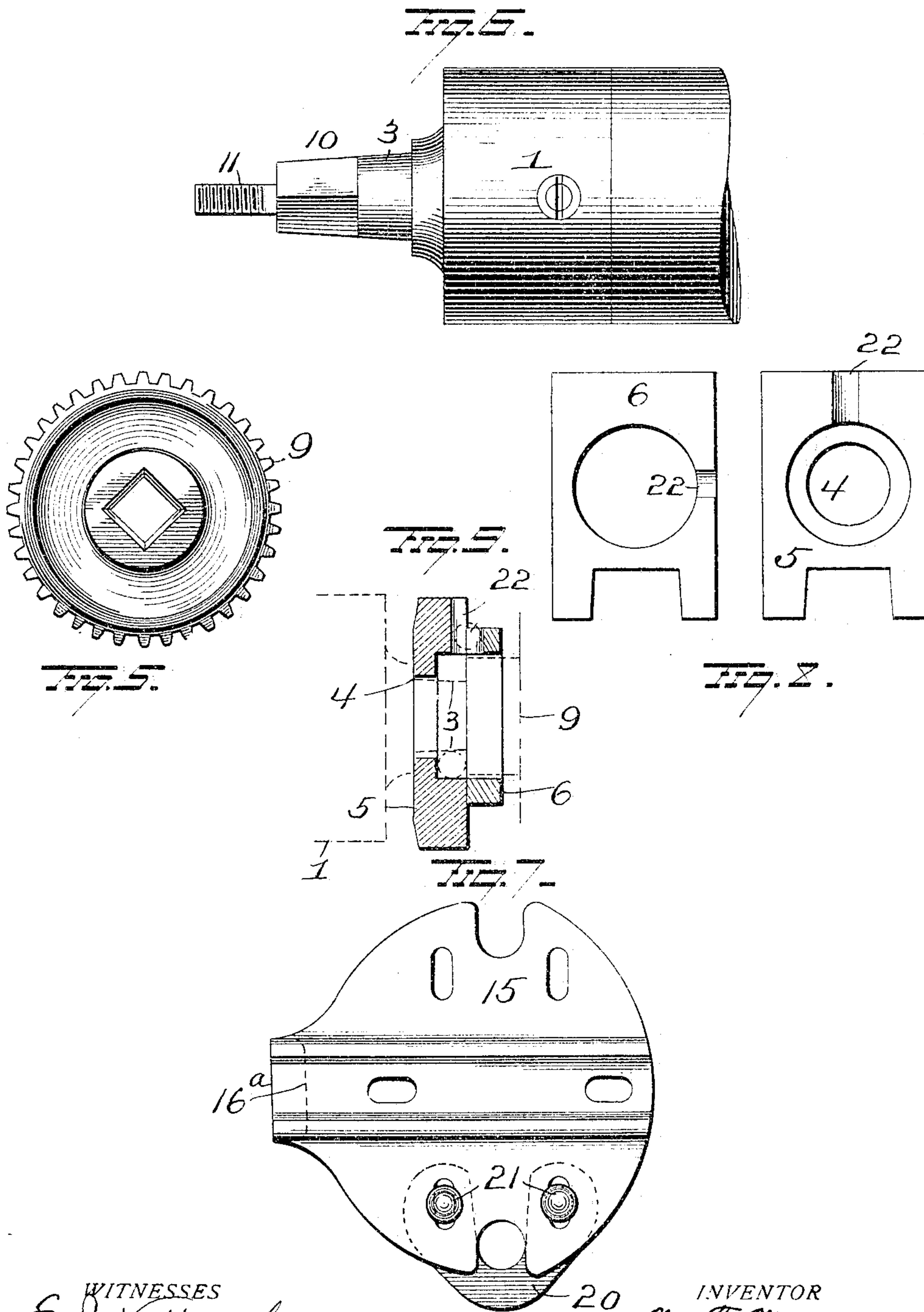
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## UNITED STATES PATENT OFFICE.

MARTIN F. WIEDEMANN, OF BURLINGTON, IOWA.

## MOUNTING FOR AWNING-POLES.

SPECIFICATION forming part of Letters Patent No. 782,300, dated February 14, 1905.

Application filed April 9, 1904. Serial No. 202,407.

*To all whom it may concern:*

Be it known that I, MARTIN F. WIEDEMANN, a resident of Burlington, in the county of Des Moines and State of Iowa, have invented certain new and useful Improvements in Mountings for Awning Poles or Rollers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improved mounting for awning poles or rollers, the object of the invention being to provide an improved journal-bearing and support therefor and improved construction of cooperating parts for operating the pole or roller and improved mounting for said cooperating parts; and it consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in elevation, illustrating my improvements. Fig. 2 is a view in longitudinal section. Fig. 3 is an end view with gearing removed. Fig. 4 is a view of the pole-receiving cup and journal thereon. Fig. 5 is a view of the beveled pinion, and Figs. 6, 7, 8, and 9 are detail views of the brackets and bearing-blocks.

1 represents a metal cup adapted to receive the end of an awning-roller and having internal ribs 2 to enter grooves in the roller and compel them to turn together, and openings are provided in said cup for the reception of screws to secure the cup onto the end of the roller.

Cup 1 at the center of its end is made with an integral journal 3, projected through an opening 4 in a bearing-block 5. This block 5 is made with a circular recess alining with a circular opening in another block 6 beside the same to form a journal-box to receive balls 7, located around journal 3 between the same and flat wall of the journal-box and prevented from escape therefrom by the end wall of the recess in block 5 in which opening 4 is provided. The balls are held against escape from the other side of the box by the hub 8 of a beveled gear 9, said hub fitting in the box and

made with an angular bore to receive the angular extension 10 on journal 3. A threaded bolt or rod 11 is secured in the end of extension 10, projects outward beyond gear 9, and has a washer 12 and nut 13 thereon to firmly secure the gear on the journal extension.

The blocks 5 and 6 are supported in upper and lower brackets 14 and 15, respectively, upper bracket 14 comprising a channel-iron bent at right angles to provide a member against the wall or other support (a bolt-opening 16 being provided in this portion of the bracket) and an outwardly-projecting portion to receive the beveled edges of the blocks 5 and 6 in their depending side flanges and when forced therein to tightly clamp the blocks together. The lower bracket 15 comprises a plate having parallel ribs on its upper face to receive and bind the blocks 5 and 6 between them, and a depending tongue 16 is provided at the inner end of the plate and provided with a recess or slot 17 to receive a bolt to secure it to a wall or other support. Brackets 14 and 15 are provided with alined openings for clamping-bolts 18 at opposite ends of the blocks, so that when the nuts 19 on said bolts are screwed home said blocks will be tightly clamped between the brackets and the blocks clamped together owing to the cam action of the bracket webs or flanges against the beveled edges of the blocks.

The plate or bracket 15 is recessed at opposite sides, and a clip 20 is adapted to be secured to said plate at either side by bolts 21 passed through openings in the plate and clip, and the recesses therein cooperate to form a bearing for the vertical rod or shaft carrying a beveled pinion for driving-gear 9 to turn the awning-roller. The clip 20 can be shifted from side to side of bracket 15, according to the position of the several parts.

The blocks 5 and 6 are made with recesses 22, which when together form an opening through which the balls may be inserted. These recesses 22 when the blocks are in normal position are out of alinement, and the blocks must be removed from between the brackets 14 and 15 and one given a quarter-turn on the journal to bring the openings together.



A great many slight changes might be made in the general form and arrangement of the several parts described without departing from my invention, and hence I would have  
5 it understood that I do not wish to restrict myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. The combination with a bearing composed of two members with abutting flat faces  
15 and having openings for the passage of a journal, of flanged brackets, and bolts clamping said brackets on the bearing and the members thereof together.

2. The combination with a bearing, comprising two blocks beveled on their outer  
20 faces, of flanged brackets having their side flanges engaging the beveled sides of the blocks, bolts passed through the brackets at opposite ends of the bearing, and nuts screwed  
25 onto the bolts to clamp the bearing between the brackets, and also clamp the members of the bearing together.

3. The combination with brackets spaced apart, of blocks secured between said brackets,  
30 a journal mounted in a bearing in said

blocks, one of said blocks having an annular recess in its inner face, an element having an angular bore to receive an angular portion of the journal, the hub of said element entering one of said blocks and terminating  
35 near the annular recess in the other block.

4. The combination with brackets spaced apart, blocks secured between said brackets, a journal mounted in a bearing in said blocks,  
40 of a plate on the lower bracket having recesses at its sides, a clip, and bolts to secure said clip at either of said recessed sides of the plate to form a bearing for a drive-shaft.

5. In a device of the class described, the combination with brackets spaced apart, of a  
45 bearing comprising two blocks disposed face to face and held together by said brackets, said blocks having openings, a journal passing through said openings, one of said blocks having an annular recess in its inner face, and  
50 an element secured to the journal and having a hub entering one of the blocks.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

MARTIN F. WIEDEMANN.

Witnesses:

CHAS. C. CLARK,  
MARY FAWCETT.