

N. PEDERSEN.
TRANSMITTER MOUNTING.
APPLICATION FILED JUNE 4, 1909.

958,167.

Patented May 17, 1910.

Fig. 1.

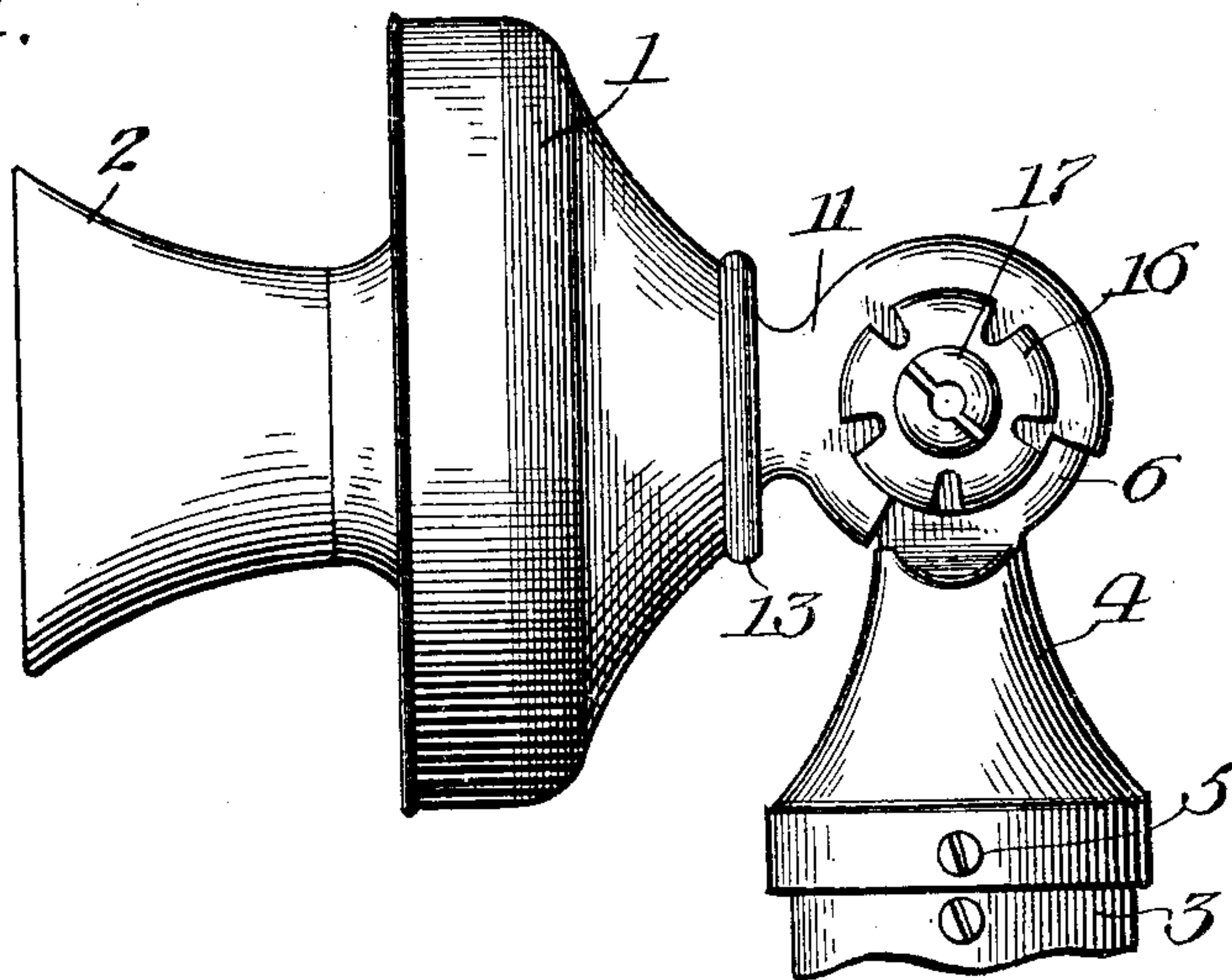


Fig. 2.

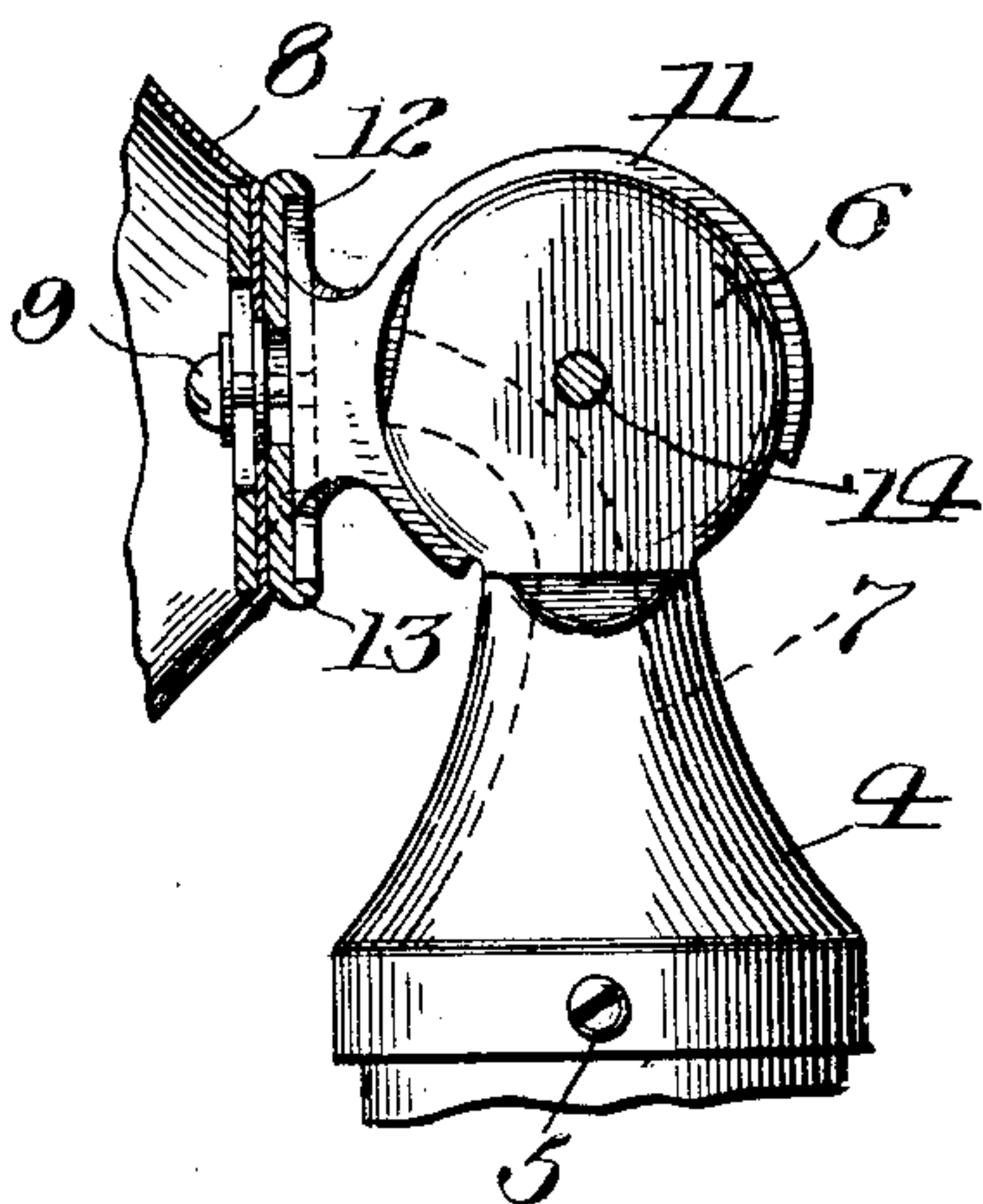


Fig. 4.

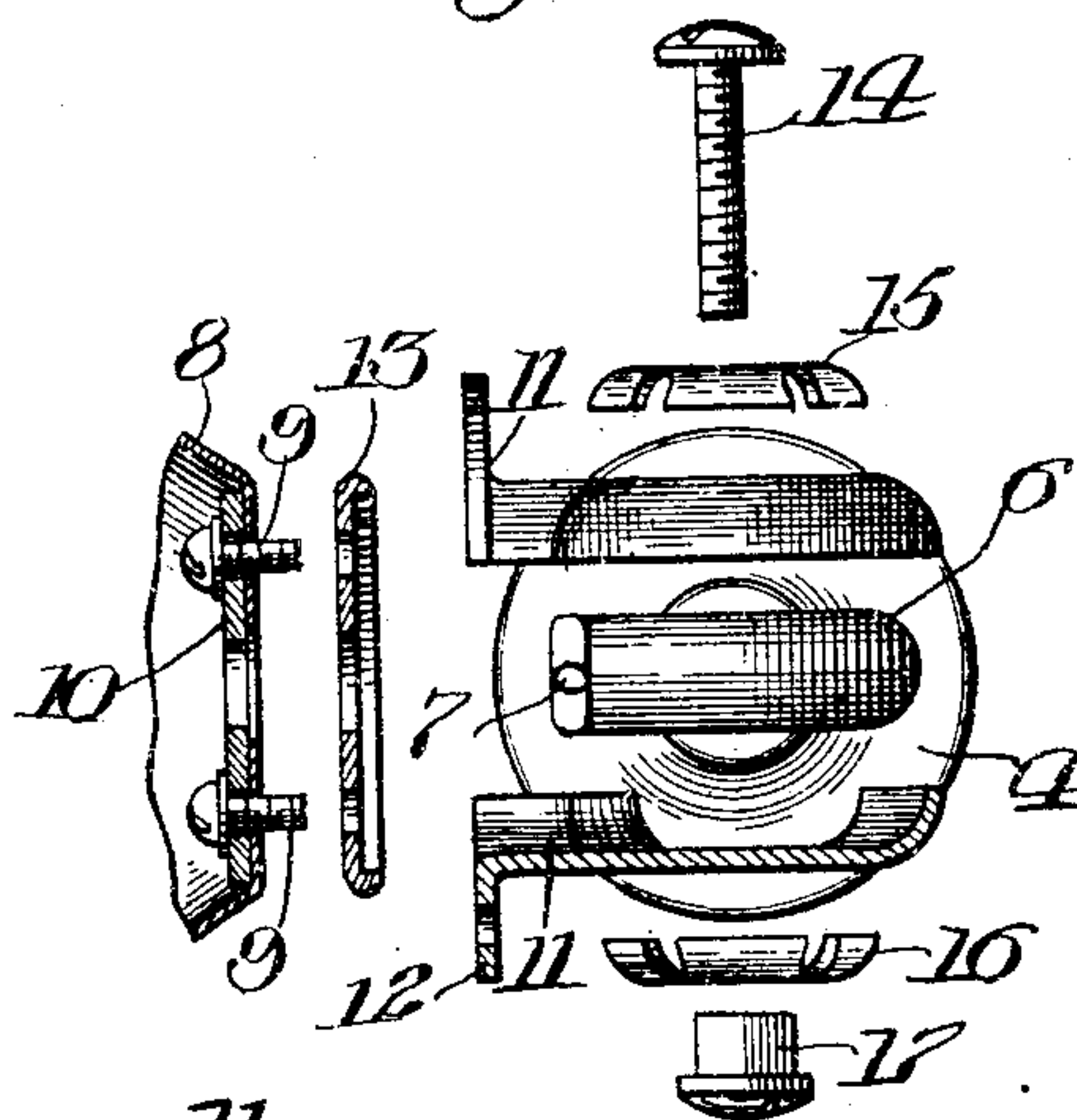
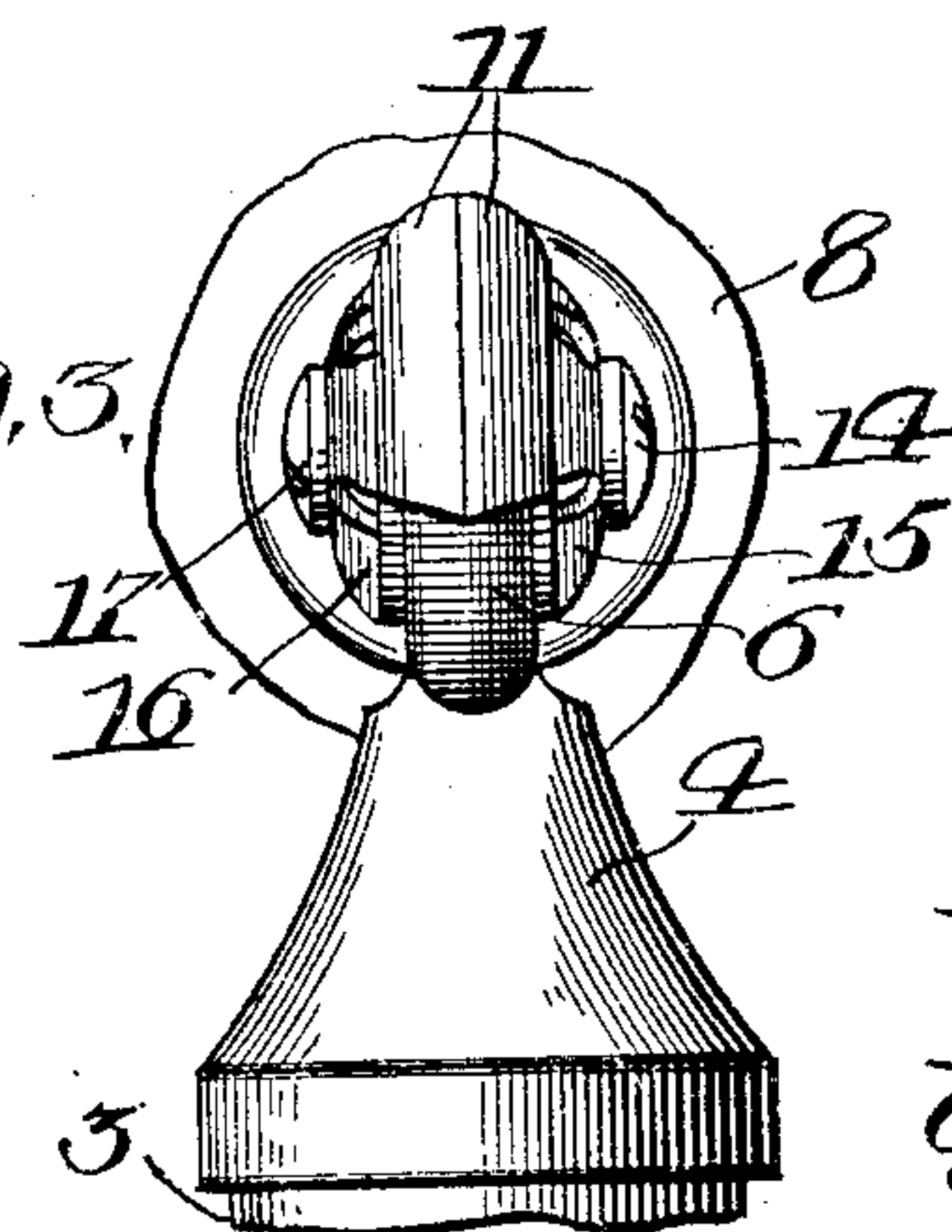


Fig. 3.



Witnesses:
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Att'y

UNITED STATES PATENT OFFICE.

NIELS PEDERSEN, OF GENOA, ILLINOIS, ASSIGNOR TO CRACRAFT-LEICH ELECTRIC COMPANY, OF GENOA, ILLINOIS, A CORPORATION OF ILLINOIS.

TRANSMITTER-MOUNTING.

958,167.

Specification of Letters Patent.

Patented May 17, 1910.

Application filed June 4, 1909. Serial No. 500,047.

To all whom it may concern:

Be it known that I, NIELS PEDERSEN, a citizen of the United States, residing at Genoa, in the county of De Kalb and State of Illinois, have invented a certain new and useful Improvement in Transmitter-Mountings, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to transmitter mountings, and has for its object the provision of improved means for adjustably supporting a transmitter, for instance, upon the top of a desk stand or portable telephone, and is designed to provide such a mounting which can be made of parts simple in construction and easy of manufacture.

I will describe my invention more in detail by reference to the accompanying drawing, illustrating one embodiment thereof, in which—

Figure 1 is a side view of a transmitter with my improved mounting; Fig. 2 is a partial sectional view thereof; Fig. 3 is a rear view thereof; and Fig. 4 is a view illustrating the various parts shown in a disassembled condition.

Referring more particularly to Fig. 1, I show a transmitter 1, having the usual mouthpiece 2, which is mounted upon the top portion of a desk stand 3. The top portion of the desk stand (which it is not thought necessary to show in detail), is surmounted by a cap 4, screwed to the desk standard by means of the screw 5. The head 4 is shown more clearly in Fig. 2, and has a circular top portion 6, upon which the bearing portions of the transmitter mounting are adapted to slide, thus to provide adjustment for the transmitter; and a central aperture 7, shown in dotted lines, is provided in the cap 4, through which the cords for the transmitter pass into the stand-
ard 3.

The transmitter back cup 8 is fastened by means of two screws 9, 9, which pass through a washer 10 to two mating members 11, 11, which mating members are shown more clearly in Fig. 4, where one of them is shown in section. The screws 9, 9, engage transverse projecting end portions of the members 11. These engaging members are of such construction that their interior surface engages the exterior surface

of the upper portion 6 of the cap 4, and the members 11 therefore can rotate about said head in a vertical plane through the desk stand and through the center line of the transmitter.

In order to securely hold the members 11 in position, a dished plate 13 is interposed between the back cup 8 and the members 11, the dished portion whereof is of such size as to receive the two members 11 when they are mounted in their engaging position about the head 6. The completed structure is more fully shown in Fig. 2, where the back is shown as in its proper position in connection with the dished plate 13 and the members 11. A central opening is provided, both in the washer 10 and the dished plate 13, and likewise in the back cup, so that the cords from the opening 7 may pass directly into the transmitter.

When the parts above mentioned are completely assembled about the head 4, the members 11 very nearly completely inclose the top portion 6 thereof, but it will be apparent from the figures that portions of the members 11 have been broken away so that the adjusting movement is limited between those portions of the members 11, which have been broken away upon either side of the head 4. When the members thus mentioned have all been assembled, I pass a bolt 14 through a spring washer 15, and thence through the members 11 and 6, thence through a second spring washer 16, and then clamp the bolt in place by means of a nut 17, thus providing the completed structure, as shown in Figs. 1 and 3.

It will be apparent from the illustration that all of the parts mentioned can be properly punched, and thus the mounting can be cheaply and substantially made.

While I have herein shown and particularly described the preferred embodiment of my invention, I do not limit myself to the precise construction and arrangement as herein set forth, but

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

1. An adjustable mounting comprising a fixed support having a head and a mounting plate, two mating members fastened to said plate and inclosing the major portion of said head, and a shaft passing through said head and said mating members to slidably secure

them together to permit of an oscillatory motion of said plate relative to said head.

2. An adjustable mounting comprising a fixed support having a head and a mounting plate, two mating members fastened to said plate and inclosing the major portion of said head, a bolt passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head, and a nut for said bolt.

3. An adjustable mounting comprising a fixed support having a head and a mounting plate, two mating members fastened to said plate and inclosing the major portion of said head, a bolt passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head, a nut for said bolt, and resilient means interposed between said bolt and nut and said mating members.

4. An adjustable mounting comprising a fixed support having a head and a mounting plate, two mating members fastened to said plate and inclosing the major portion of said head, a bolt passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head, a nut for said bolt, and spring washers interposed between said bolt and nut and said mating members.

5. An adjustable mounting comprising a fixed support having a head and a mounting plate, two mating members fastened to said plate and having bearing surfaces engaging said head, said mating members having angular extensions engaging said plate, a shaft passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head.

6. An adjustable mounting comprising a fixed support having a head and a mounting plate, two mating members fastened to said plate and having bearing surfaces engaging said head, said mating members having angular extensions engaging said plate, said plate having a projection to engage the periphery of said angular extensions, a shaft passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head.

7. An adjustable mounting comprising a

fixed support having a circular head and a mounting plate, two mating members fastened to said plate and having circular bearing surfaces engaging said head, said mating members having angular extensions engaging said plate, said plate having a projection to engage the periphery of said angular extensions, a shaft passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head.

8. An adjustable mounting comprising a fixed support having a circular head and a mounting plate, two mating members fastened to said plate and having circular bearing surfaces engaging the opposing half-portions of said head, said mating members having angular extensions engaging said plate, said plate having a projection to engage the periphery of said angular extensions, a shaft passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relatively to said head.

9. An adjustable mounting comprising a fixed support having a head, and a mounting plate, two mating members secured to said plate having bearing surfaces to engage said head, said mating members arranged to substantially inclose said head, and a shaft passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head.

10. An adjustable mounting comprising a fixed support having a head, and a mounting plate, two mating members secured to said plate having bearing surfaces to engage said head, said mating members being arranged to substantially inclose said head but having an opening somewhat larger than the projecting fixed support to permit of a limited movement between said support and said plate, and a shaft passing through said head and said mating members to slidably secure them together to permit of an oscillatory motion of said plate relative to said head.

In witness whereof, I hereunto subscribe my name this 6th day of May A. D., 1909.

NIELS PEDERSEN.

Witnesses:

O. M. LEICH,
J. H. WAGONER.