

H. SALSURY.
LAMP BRACKET.

APPLICATION FILED JUNE 2, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

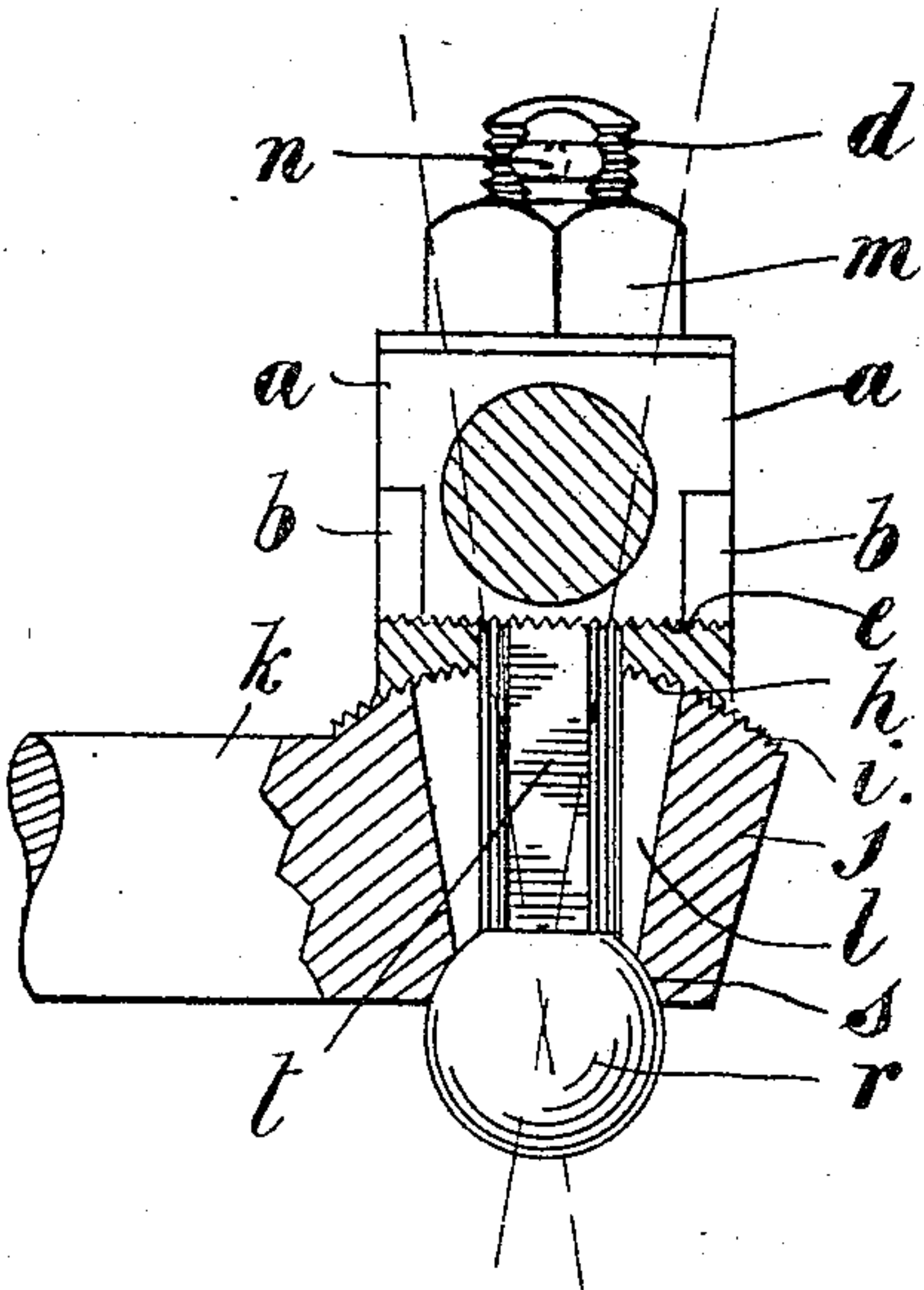


Fig. 2.

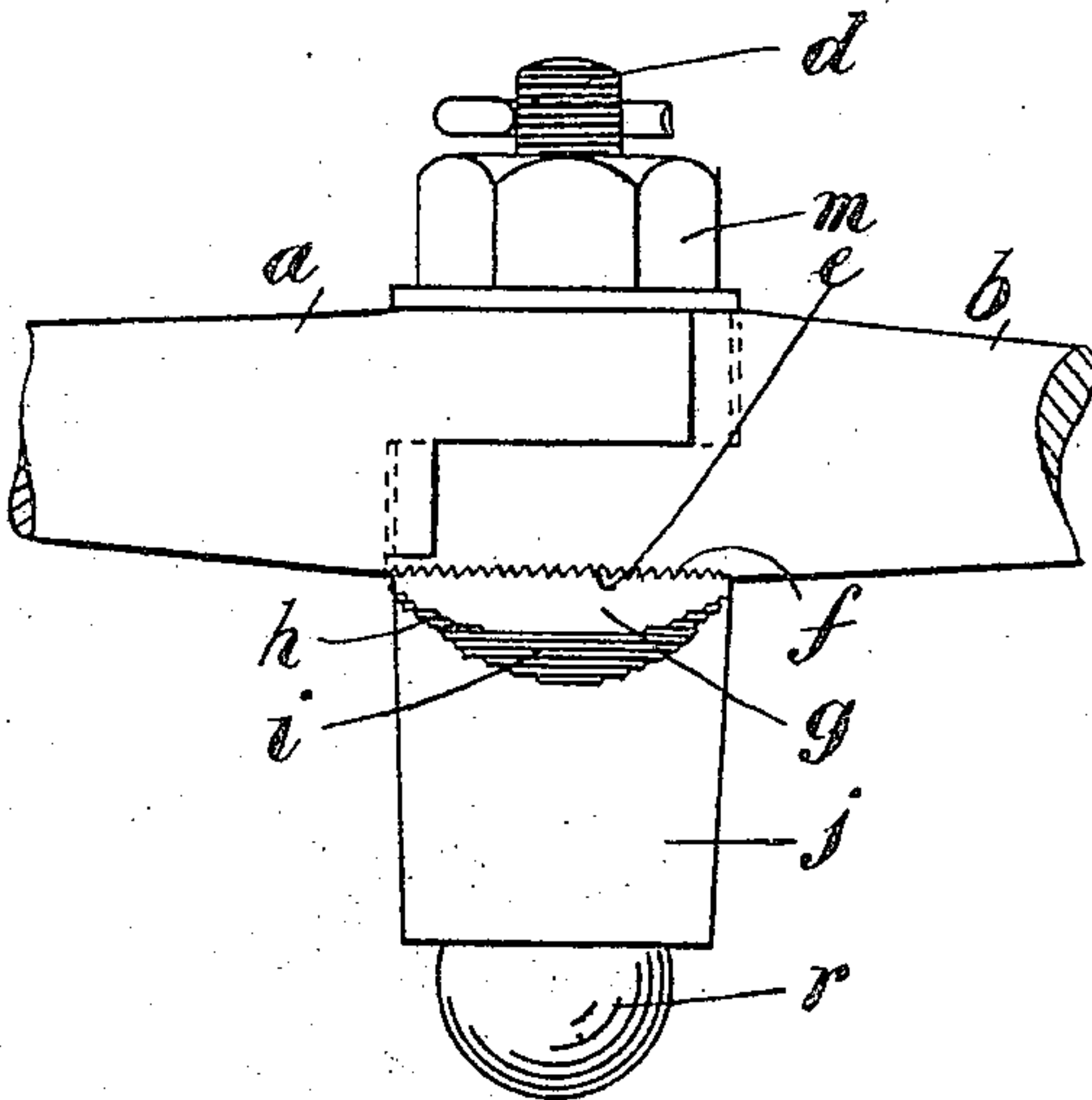


Fig. 4.

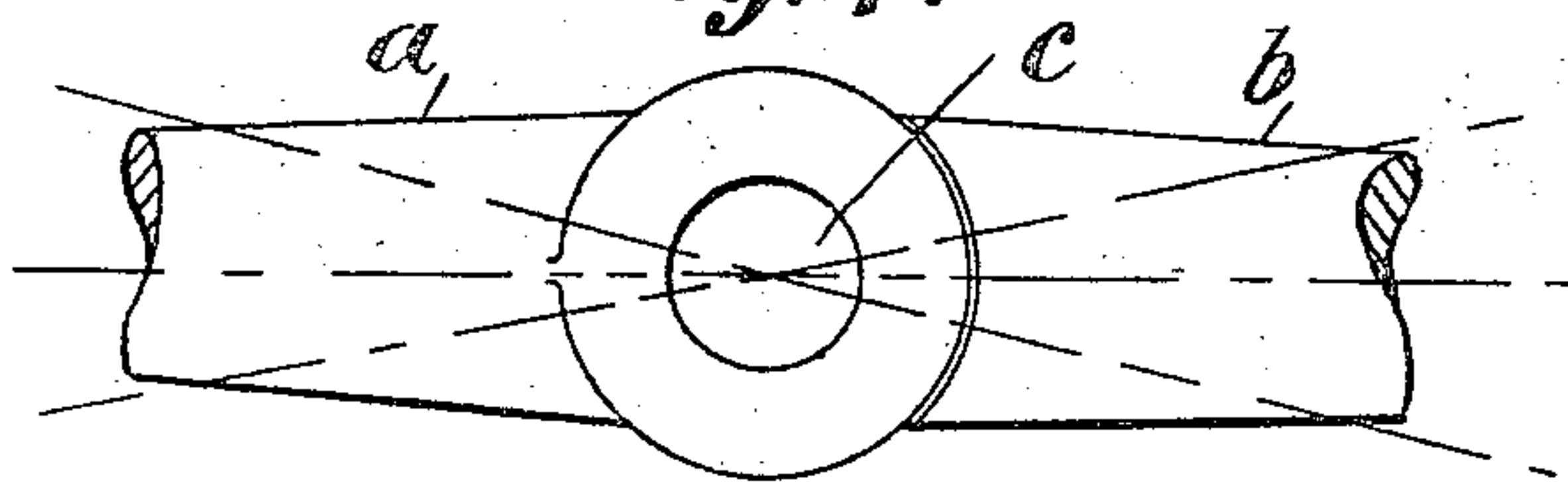


Fig. 3.

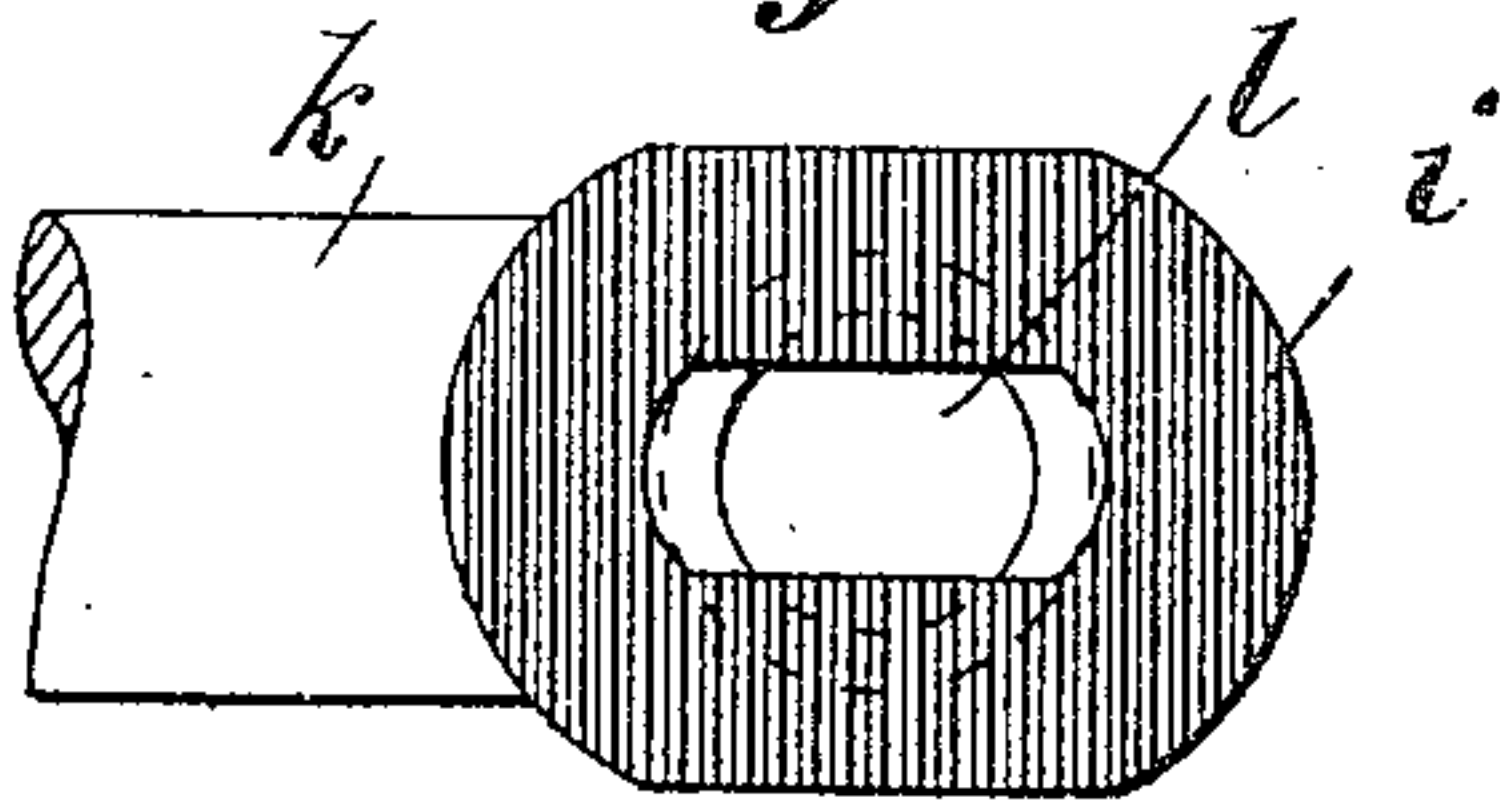


Fig. 6.

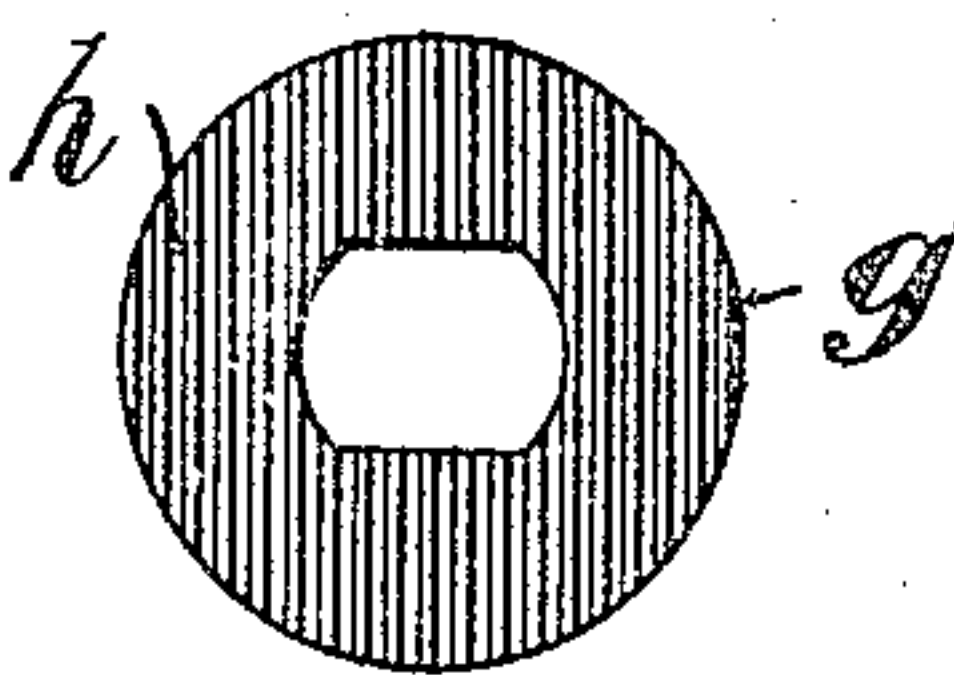
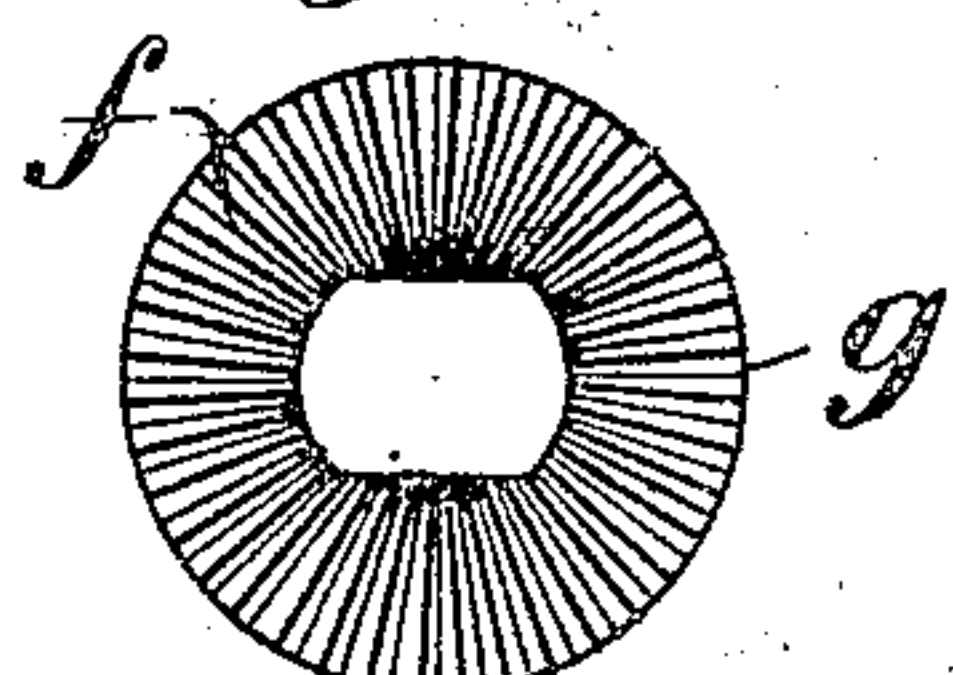


Fig. 5.



Witnesses:

Wm. F. Jones.
C. A. Kessler

Inventor

Henry Salisbury

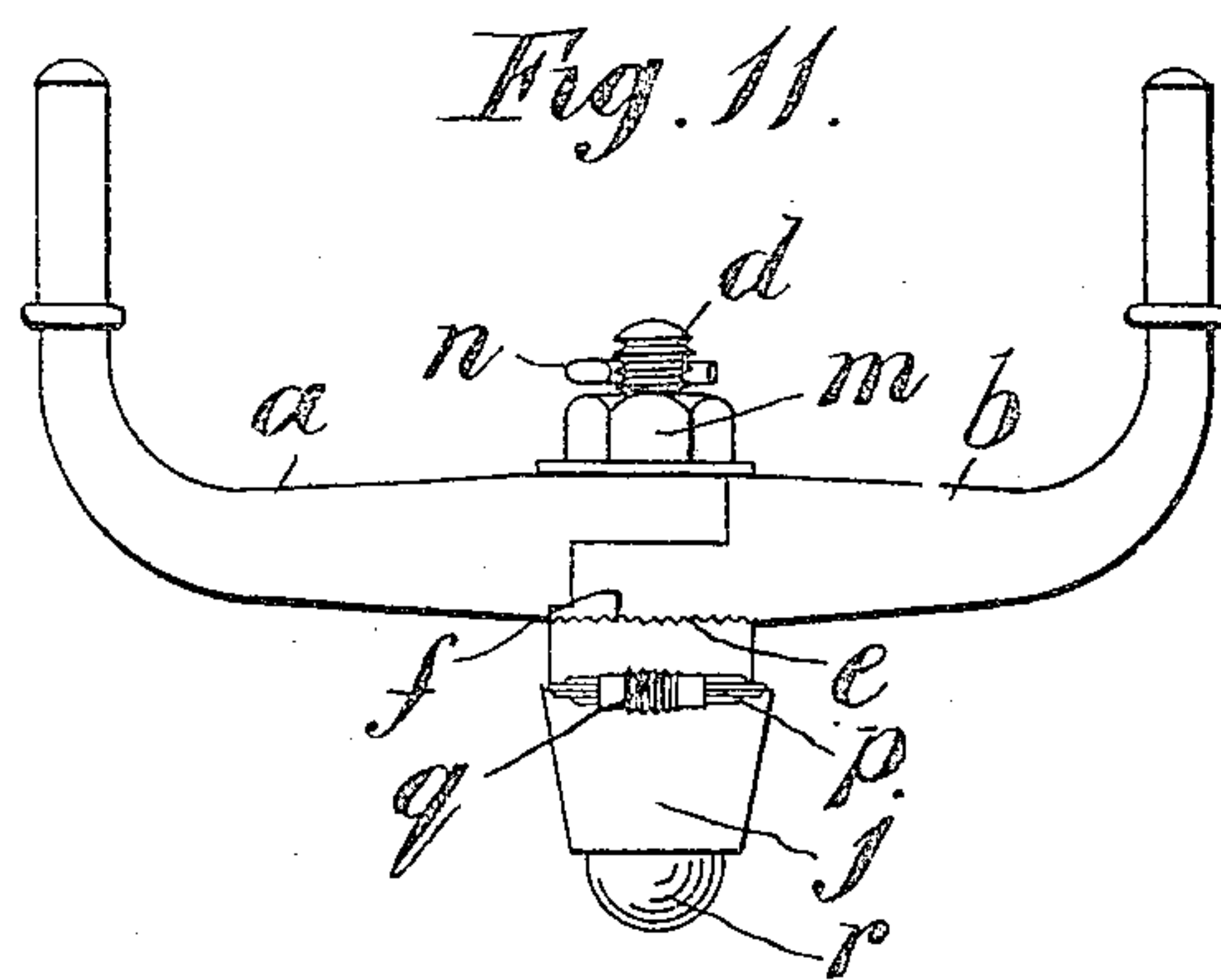
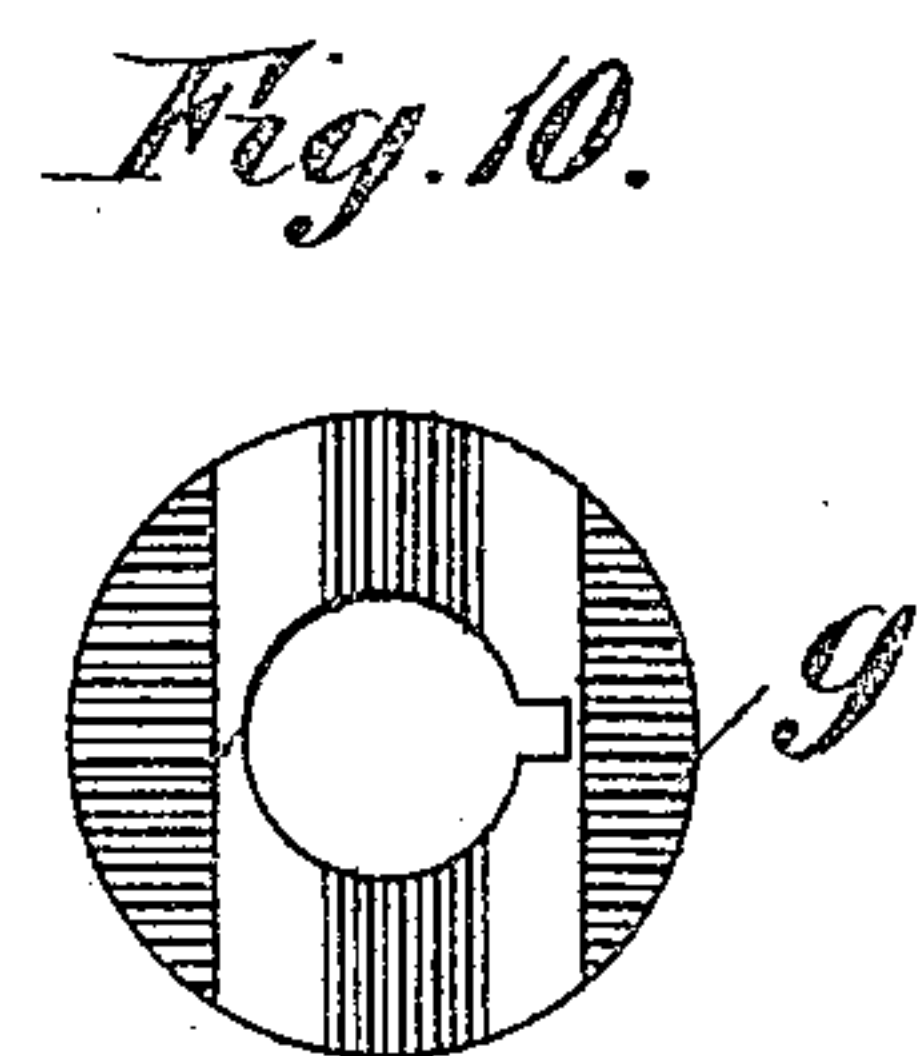
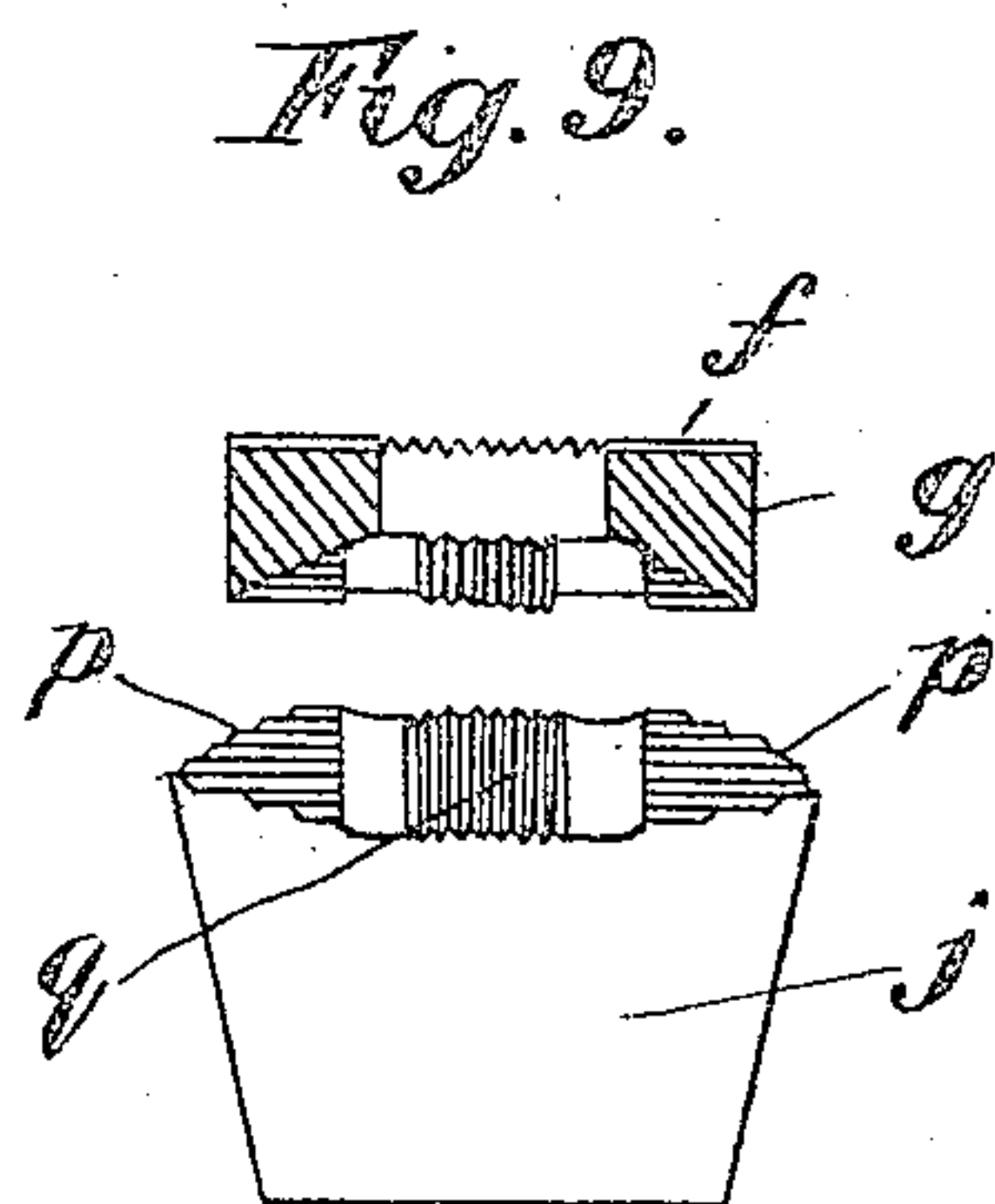
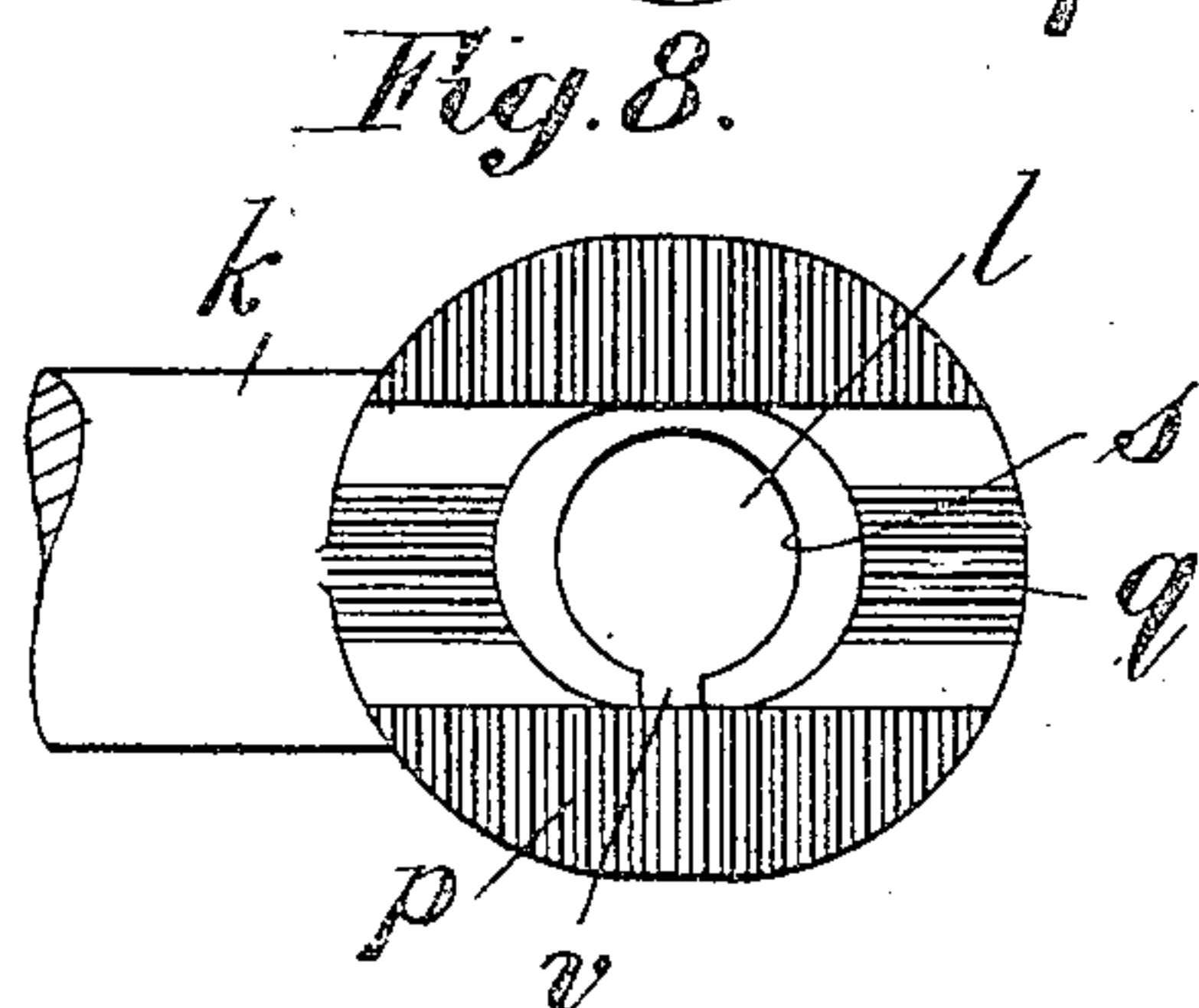
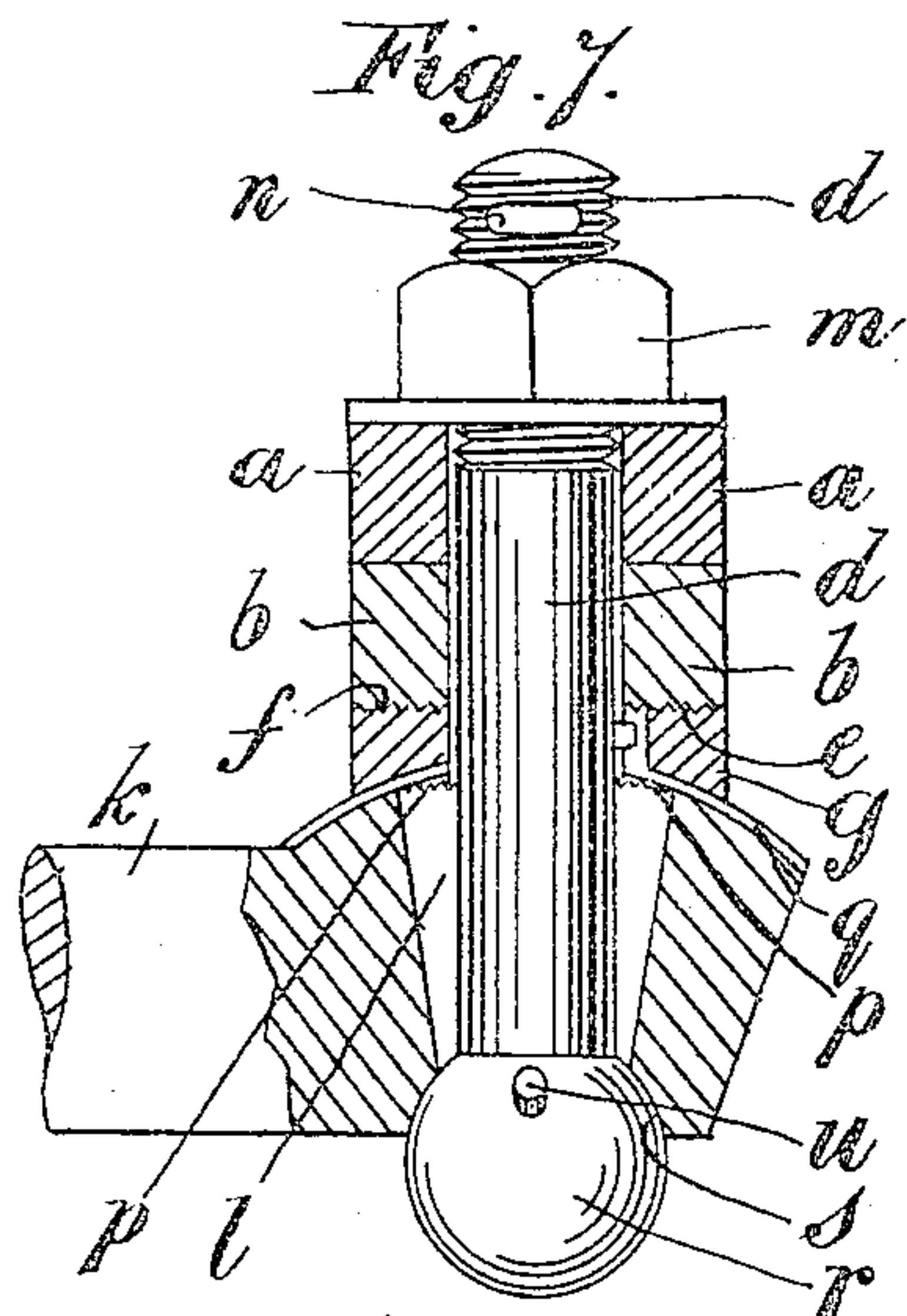
By James L. Norris.

Atty.

H. SALSURY.
LAMP BRACKET.

APPLICATION FILED JUNE 2, 1905.

2 SHEETS—SHEET 2.



Witnesses:

Wm F. Jones.
C. D. Kessler

Inventor
Henry Salsbury
By James L. Novig

Atty.

UNITED STATES PATENT OFFICE.

HENRY SALSURY, OF LONDON, ENGLAND.

LAMP-BRACKET.

No. 808,480.

Specification of Letters Patent.

Patented Dec. 26, 1905.

Application filed June 2, 1905. Serial No. 263,453.

To all whom it may concern:

Be it known that I, HENRY SALSURY, a subject of the King of Great Britain, residing at 124 Long Acre, London, England, have
5 invented certain new and useful Improvements in Lamp-Brackets, of which the following is a specification.

The object of this invention is to so construct a lamp-bracket that same can be adjusted to fit any-sized lamp and also be positioned as to required direction of lighting
10 whether straight, sidewise, or up or down, and such bracket is applicable to that class of lamps used with motor-cars and other vehicles when the lamps are held or supported
15 from two points or sockets or from one socket.

My invention is illustrated in annexed drawings, in which—

Figure 1 shows a side elevation of a portion of the lamp-bracket, partly in section; and Fig. 2 is a front elevation of same. Fig. 3 is a plan of the bracket portion of same, showing the slot and the roughened surface. Fig. 4 is a plan of a portion of the lamp-bracket arm at the joint. Fig. 5 is a plan, and Fig. 6 an under plan, of the serrated or roughened washer. Figs. 7 and 8 are side elevations and plan, similar to Figs. 1 and 3, of a modified construction. Fig. 9 is a front elevation of the bracket portion and washer corresponding to Fig. 7. Fig. 10 is an under plan of the washer, and Fig. 11 shows in front elevation a complete lamp-bracket and arms.

For the purpose of my invention, and referring to Figs. 1 to 6, I construct the arms *a b* for supporting the lamp in two pieces and form one end of each so that when the two ends are placed together they are scarf-jointed, as shown at Figs. 2 and 11, the lapped ends each having a hole *c* for passage of the bolt *d*. Thus the arms *a b* can be opened out or moved closer together to suit the width of lamp. The lapped end of arm *b* has serrations or teeth *e*, which engage serrations or teeth *f* of a washer *g*, this having its other side of convex (or concave) formation, also having teeth *h* or serrations for engaging corresponding teeth *i* of a convex (or concave) topped lug *j* or projection of the fixed portion of the bracket *k*. The lug or projection *j* is provided with a diverging opening *l*, having the end walls thereof curvilinear in contour and the side walls straight and extending in parallelism with respect to each other, as shown in Fig. 3, the smaller part being

at the side farthest away from the toothed edge, and the bolt *d* passes through such hole and through the washer *g*, and the ends of the arms *a b* and the whole are secured together by nut *m* on the bolt, a cotter-pin *n* being passed through the bolt *d* to prevent the nut leaving the bolt, so that by simply loosening the nut the arms *a b* can be adjusted to suit any position or angle of lighting, the flattish conical hole allowing of the bolt and the arms being adjusted for positioning the lamp to light upward or downward from the horizontal.

In Figs. 7 to 11 I show a modified arrangement in which the arms *a b* can not only be moved up and down from the horizontal position, but also sidewise should the lamp-bracket be slightly out of the true vertical line, so that the arms *a b* can be adjusted to support the lamp perfectly level. The distinguishing feature of this modification is that the lug *j* has a double convex or dome-shaped top *p q*, the washer *g* being also domed on its under surface to correspond therewith, so that the arms can be adjusted on the lug *j* at any desired angle either vertically or horizontally. The slot *l* of the lug in this arrangement is made wider than the width of the bolt all round, so as to allow the bolt *d* free play in all directions, and so permit of adjustment of the arms *a b* in accordance. The bolt *d* has a ball end *r*, engaging in a socket *s* of the lug *j*. In Fig. 1 the bolt *d* is shown with a flat *t*, which slides backward and forward in the slot *l*; but in Fig. 7 the bolt *d* is perfectly round, pin *u* being fixed to the ball portion for engaging in a cut-away part *v* of the ball-socket *s* for the purpose of holding the bolt against rotation while screwing the nut *m*.

What I claim, and desire to secure by Letters Patent, is—

1. A lamp-bracket comprising a fixed member provided with a projection having a serrated top, a washer having its lower face serrated, corresponding in contour to the top of said projection and adapted to be mounted upon the top of said projection, a pair of adjustable supporting-arms adapted to engage said washer, and a pivot-bolt extending through said projection and engaging said arms for rigidly connecting them to the projection.

2. A lamp-bracket comprising a fixed member provided with a projection having a diverging opening and the upper face thereof

serrated, a washer having an upper and a lower serrated face, the lower face of said washer conforming in contour to the top of the projection, a pair of adjustable lamp-
5 supporting arms connected together by a lap-joint and having serrations adapted to engage with the serrated upper face of the washer, and a pivot-bolt extending through
10 said opening and connected with the arms for rigidly connecting them to the projection.

3. A lamp - bracket comprising a fixed member provided with a projection having a serrated top, a serrated washer correspond-
15 ing in shape to the top of said projection and adapted to be mounted thereon, a pair of

adjustable lamp-supporting arms connected together by a lap-joint and adapted to engage the serrated washer, and a pivot-bolt passing through said projection and engaging said arms for rigidly connecting them to
20 the projection and to allow of the adjustment of the arms to any desired position.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY SALSURY.

Witnesses:

WM. O. BROWN,
F. C. SMITH.