

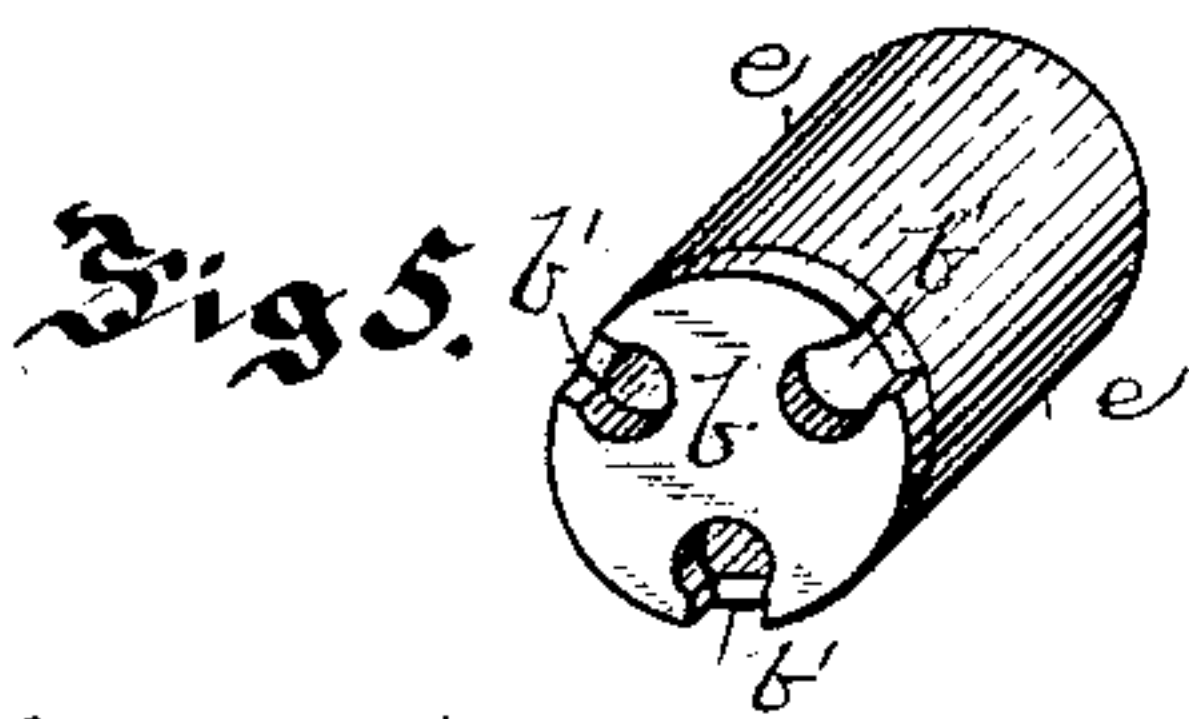
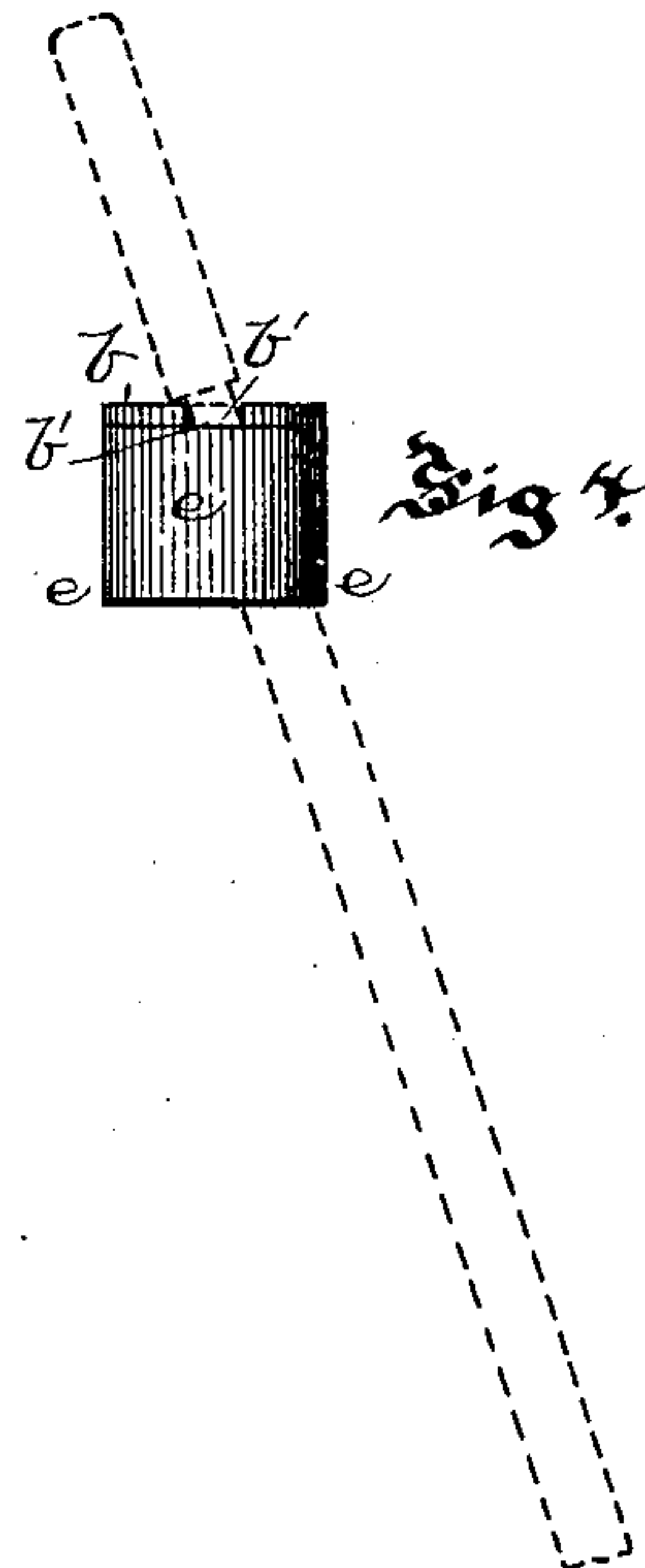
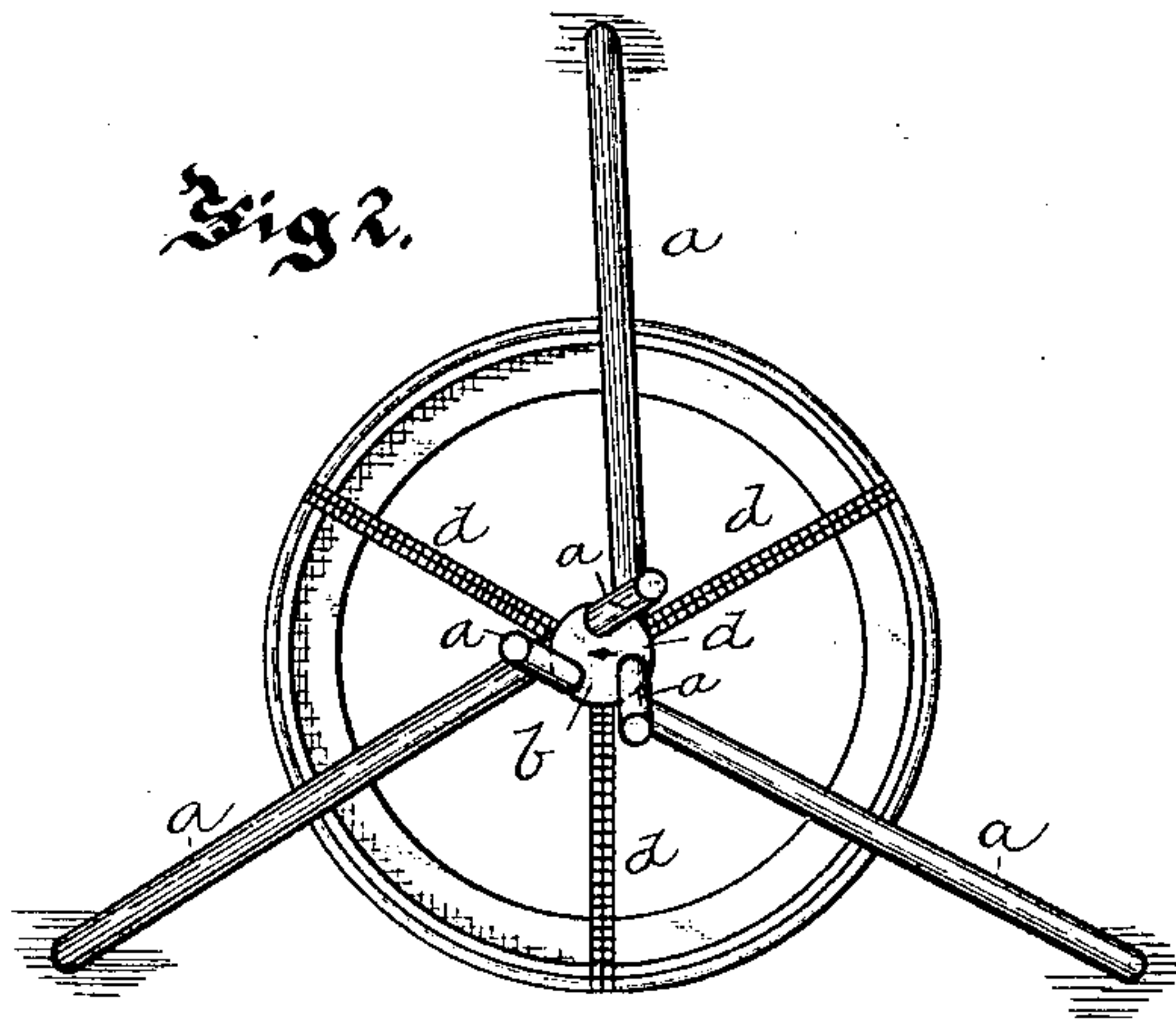
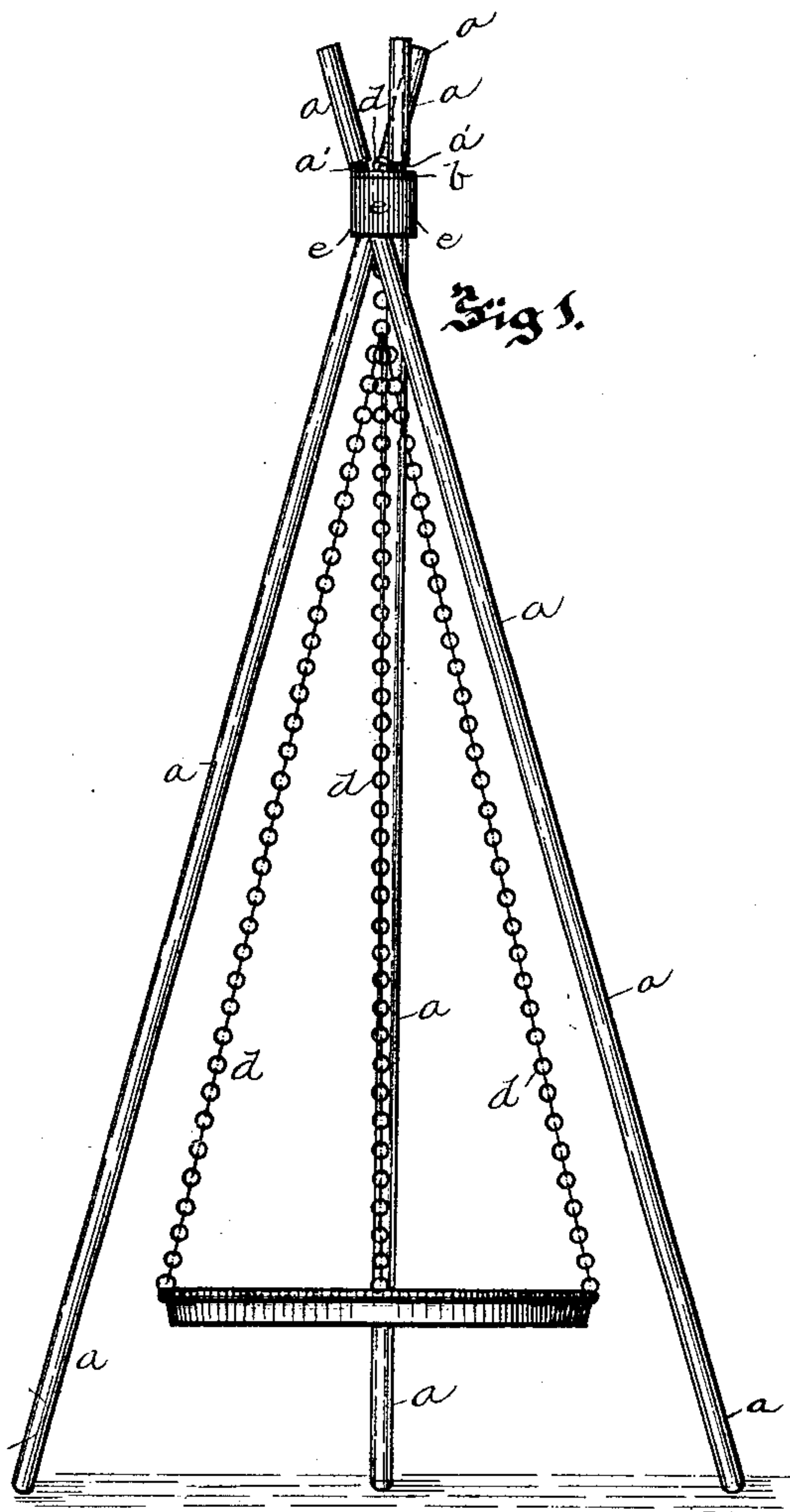
(No Model.)

T. HIPWELL.

TRIPOD STAND.

No. 366,833.

Patented July 19, 1887.



Witnesses:
J. H. L. Looke
N. J. Stockwell

Inventor:
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UNITED STATES PATENT OFFICE.

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TRIPOD STAND.

SPECIFICATION forming part of Letters Patent No. 366,833, dated July 19, 1887.

Application filed May 18, 1887. Serial No. 238,628. (No model.)

To all whom it may concern:

Be it known that I, THOMAS HIPWELL, of Allegheny City, in the county of Allegheny and State of Pennsylvania, have invented a
5 new and useful Improvement in Tripod Stands; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to tripod stands, these
10 stands consisting of three or more rods held together near their upper ends by a rivet or chain, and the article to be suspended hanging between the rods when they are spread apart to form the support. These stands as
15 now constructed are so arranged that the amount of spread of the supporting-rods is not limited, and therefore there is more or less trouble in making the tripod stand evenly and firmly and prevent its collapse
20 when a slight disturbance or blow may affect one or more of the rods. To provide a tripod stand in which the amount of spread of the supporting-rods is regulated and one in which the rods are securely held together, at the
25 same time permitting them to be placed side by side, so as to be convenient for packing and storage, is the object of my invention.

To these ends the invention consists, generally, in providing each supporting-rod with a
30 circumferential groove near its upper end, placing said grooved portion of the rods in radial slots in a disk of suitable diameter, then placing over said rod and below said disk a ferrule or collar, which is united to the outer
35 edges of the disk, the middle of said disk between the rods having a suitable hook or depending chain attached thereto for the article to be supported, as will be more fully herein-after set forth and claimed.

40 To enable others skilled in the art to make and use my invention, I will describe the same, referring to the accompanying drawings, in which—

Figure 1 is a side view of my improved
45 tripod stand. Fig. 2 is a top plan view; and Figs. 3, 4, and 5 are detail views of the various parts of the stand.

Like letters refer to like parts in each of the figures of the drawings.

In constructing my tripod stand I take three
50 or more rods, *a*, of suitable diameter and the same length, and cut near the upper end of each, and at an equal distance therefrom, a circumferential groove, *a'*, Fig. 3; the width of said cut being preferably about twice the
55 thickness of a disk, *b*, which is provided with three or more slots, *b'*, extending from its outer edge inwardly, and of a width somewhat less than the larger diameter of the rod and about that of the reduced diameter. To the middle
60 of this disk is attached a hook or chain, *d*, for the article to be suspended. The grooved rods *a* are now placed together, with the groove in each resting in a slot in the disk, and a ring or collar, *e*, is slipped over the rods from the
65 lower end and pressed against the lower surface of the disk, and united therewith by solder, brazing, or other suitable means, so that the rods are locked in the slotted disk, and prevented from coming out lengthwise by the
70 shoulders of the grooves *a'*, formed therein, and sidewise by the collar. The depth of this ring or collar *e* regulates the extent of the spread of the supporting-rods, as they impinge on each side of the ring at diagonally-opposite points, and it also insures a firm stand of
75 the tripod.

When the tripod is not in use, the supporting-rods are folded inward, the slots *b'* having
80 sufficient depth to give ample play to the rods for this purpose and prevent any prying action on the disk and tendency to wrench it off the collar. All that is necessary to stand the tripod in position is to spread the rods apart until they impinge against the lower edge of
85 the collar or ring *e*.

This form of tripod is inexpensive to make, is not liable to get out of order by the members coming apart, can be easily packed, and at the same time a neat and attractive form of
90 tripod is presented to the eye.

Having now described my invention, what I claim is—

1. A tripod stand consisting of supporting-

rods, each having an annular groove or reduced portion near its upper end, and a disk having slots therein, which are engaged by the reduced portions of the rods, and a collar or
5 ring attached to the outer edge of the disk, substantially as described.

2. In a tripod stand, the combination of the supporting rods having the grooves *a'* therein, a disk, *b*, having the slots *b'*, and a collar or

ring, *c*, secured to the under side of said disk and extending below it, substantially as and for the purpose set forth.

In testimony whereof I, the said THOMAS HIPWELL, have hereunto set my hand.

THOMAS HIPWELL.

Witnesses:

N. S. STOCKWELL,
JAMES I. KAY.