

(No Model.)

3 Sheets—Sheet 1.

A. W. HERR.
CURTAIN FIXTURE.

No. 502,074.

Patented July 25, 1893.

Fig. 1

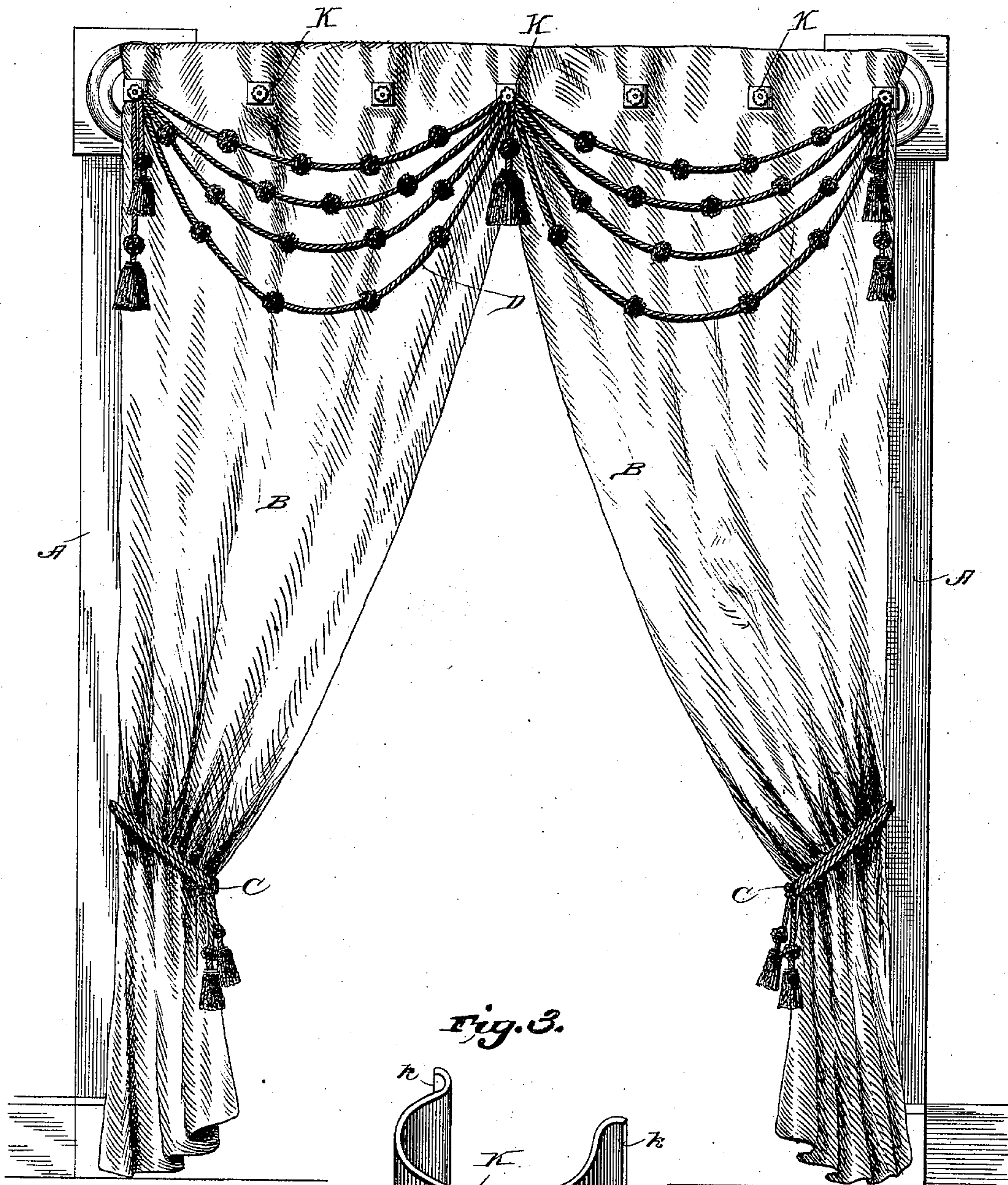
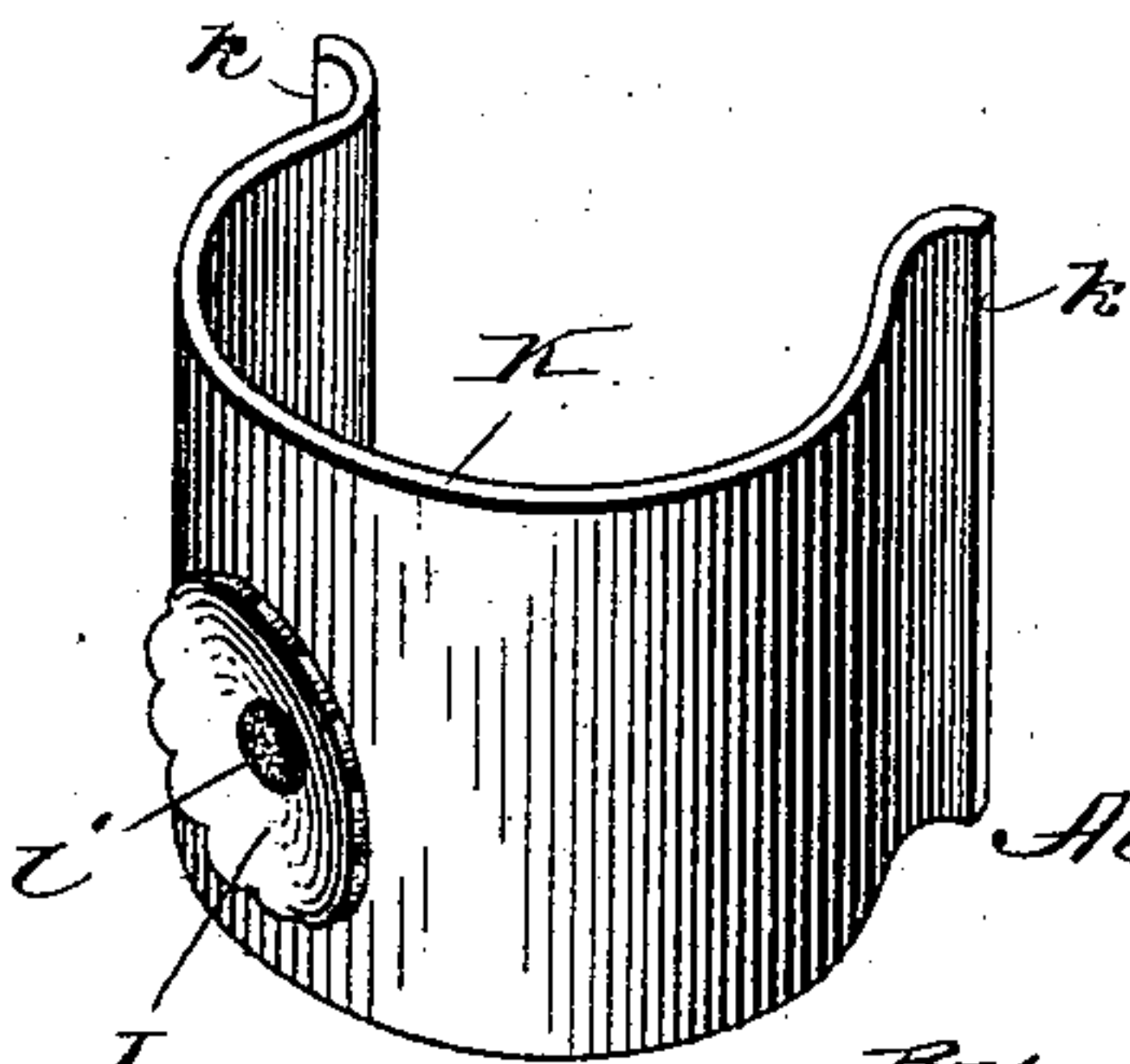


Fig. 3.



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Fig. 2.

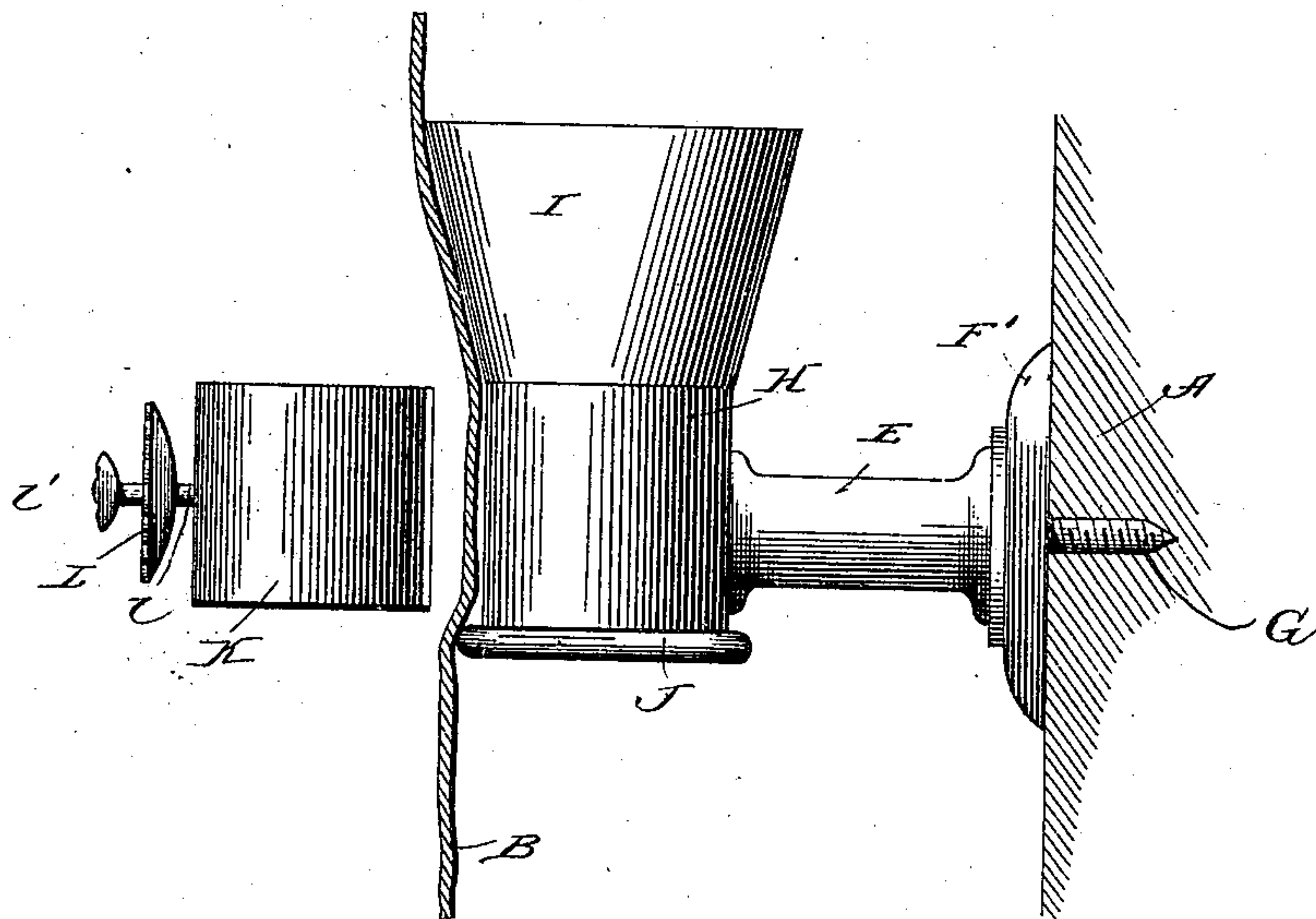


Fig. 4.

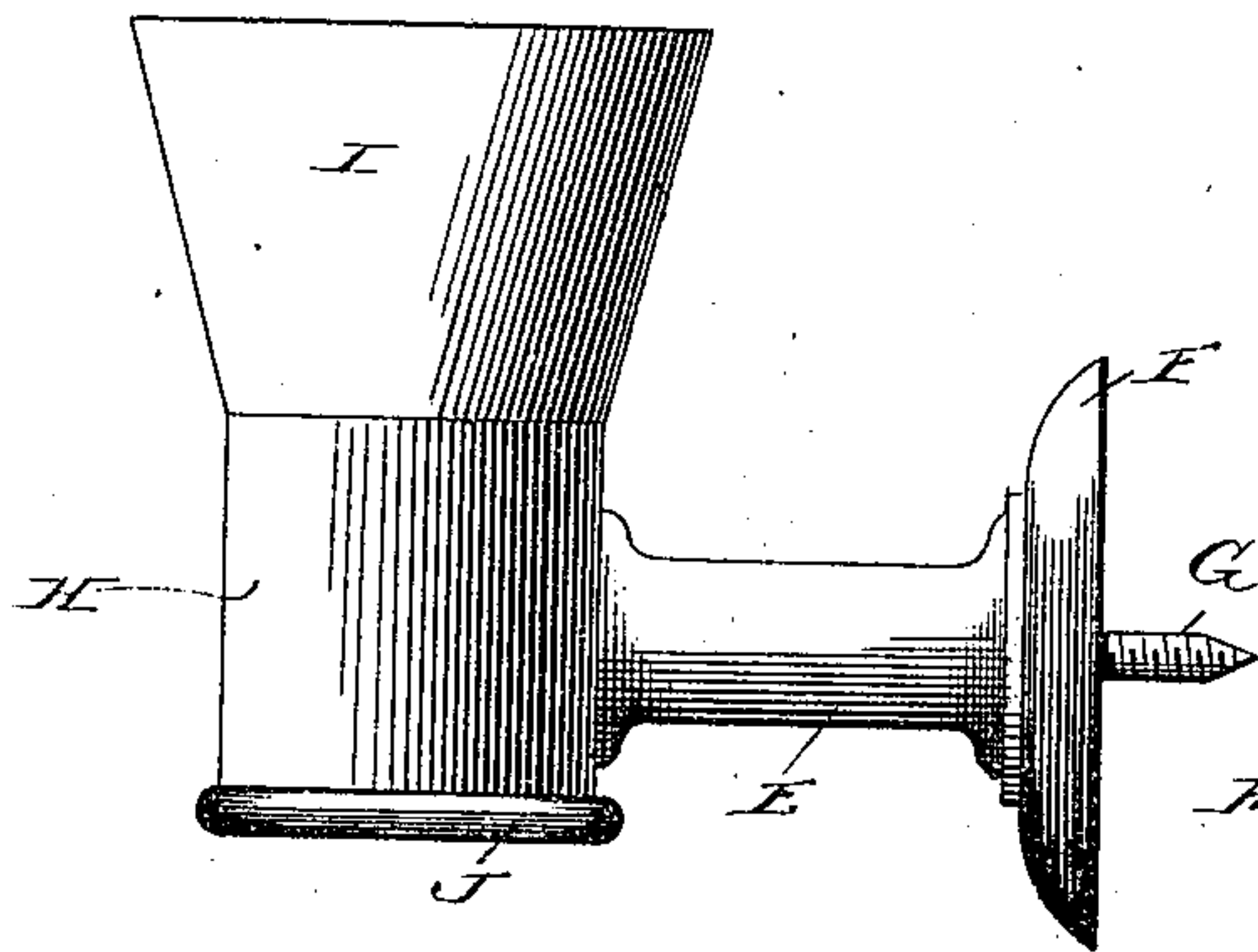
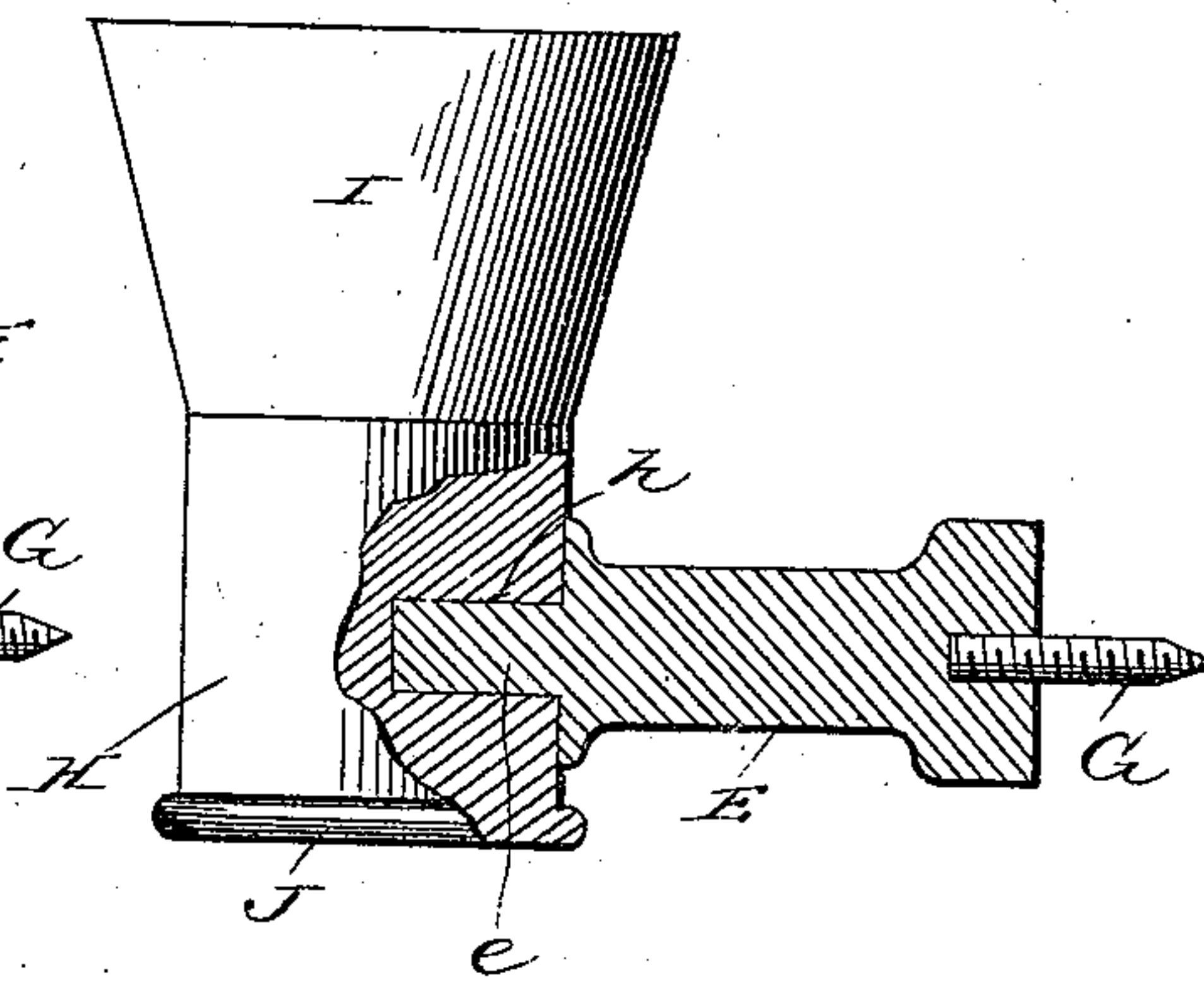


Fig. 5.



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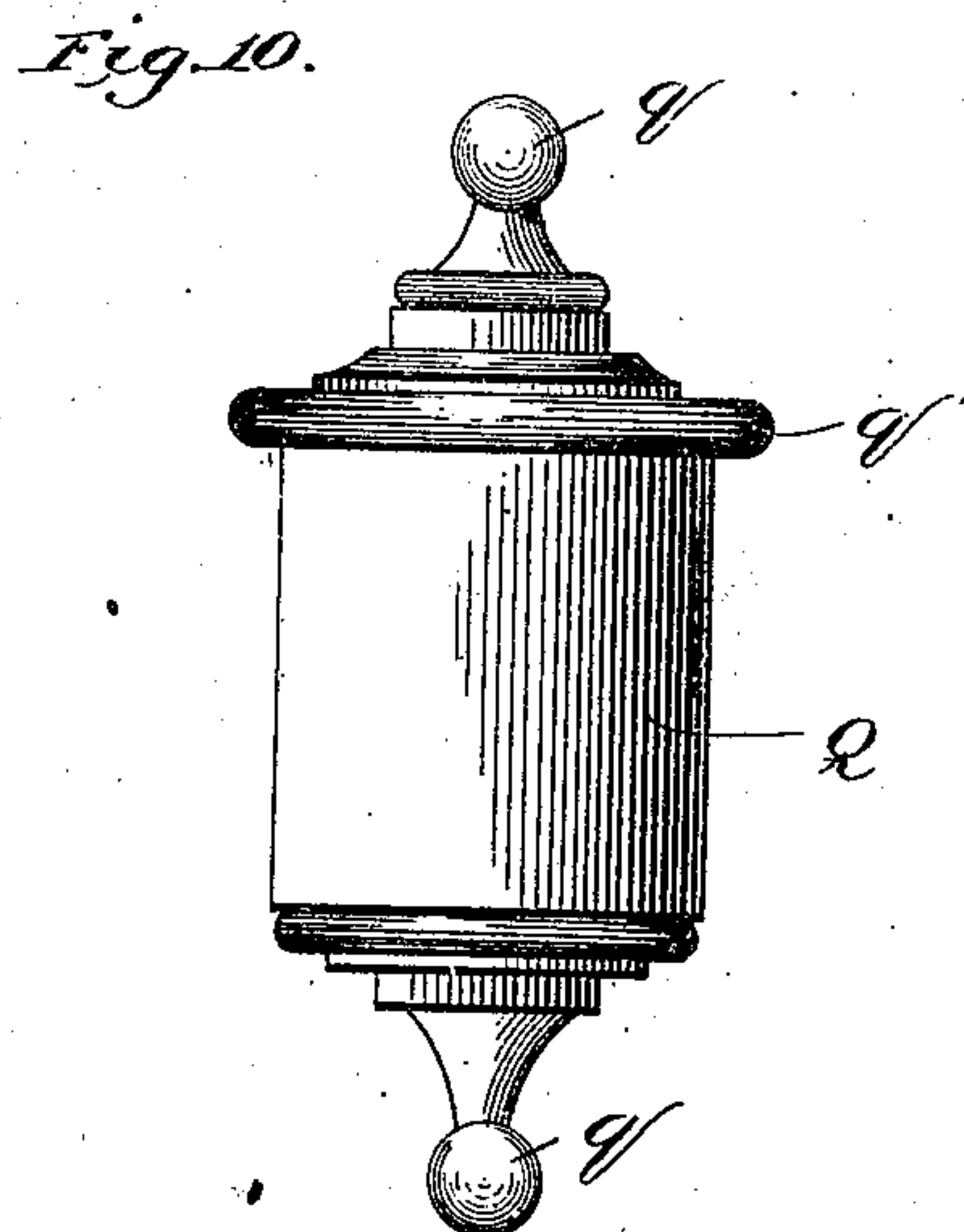
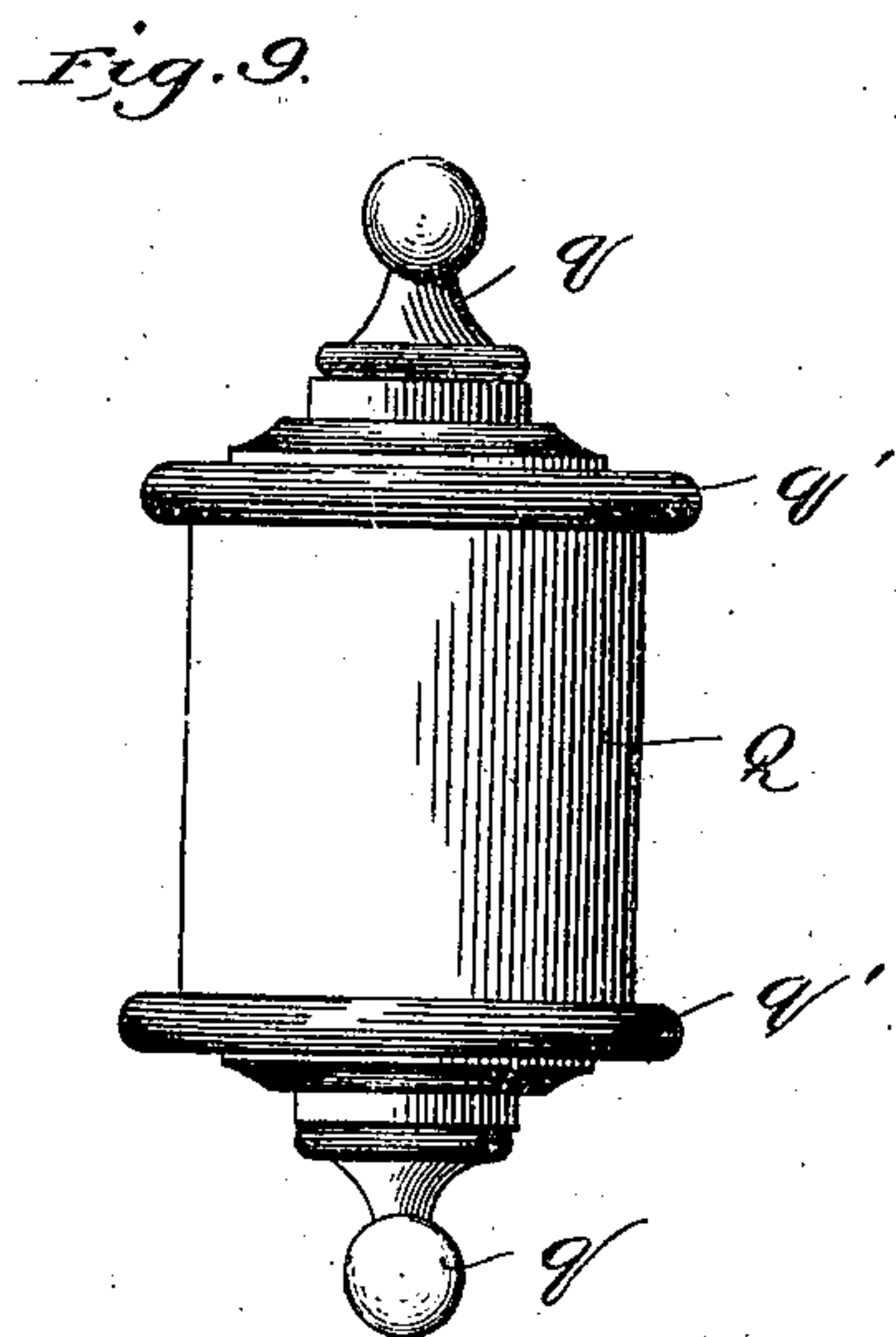
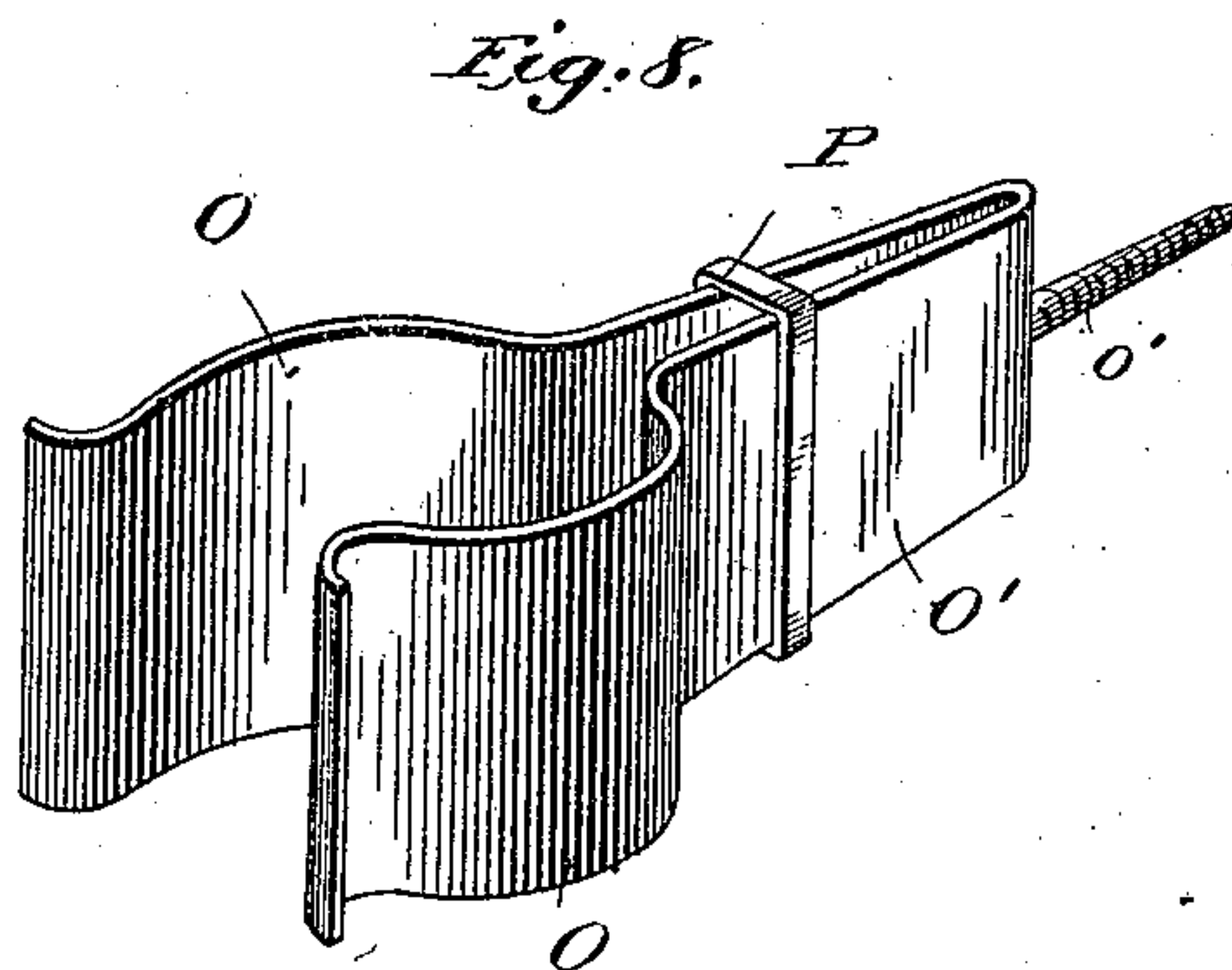
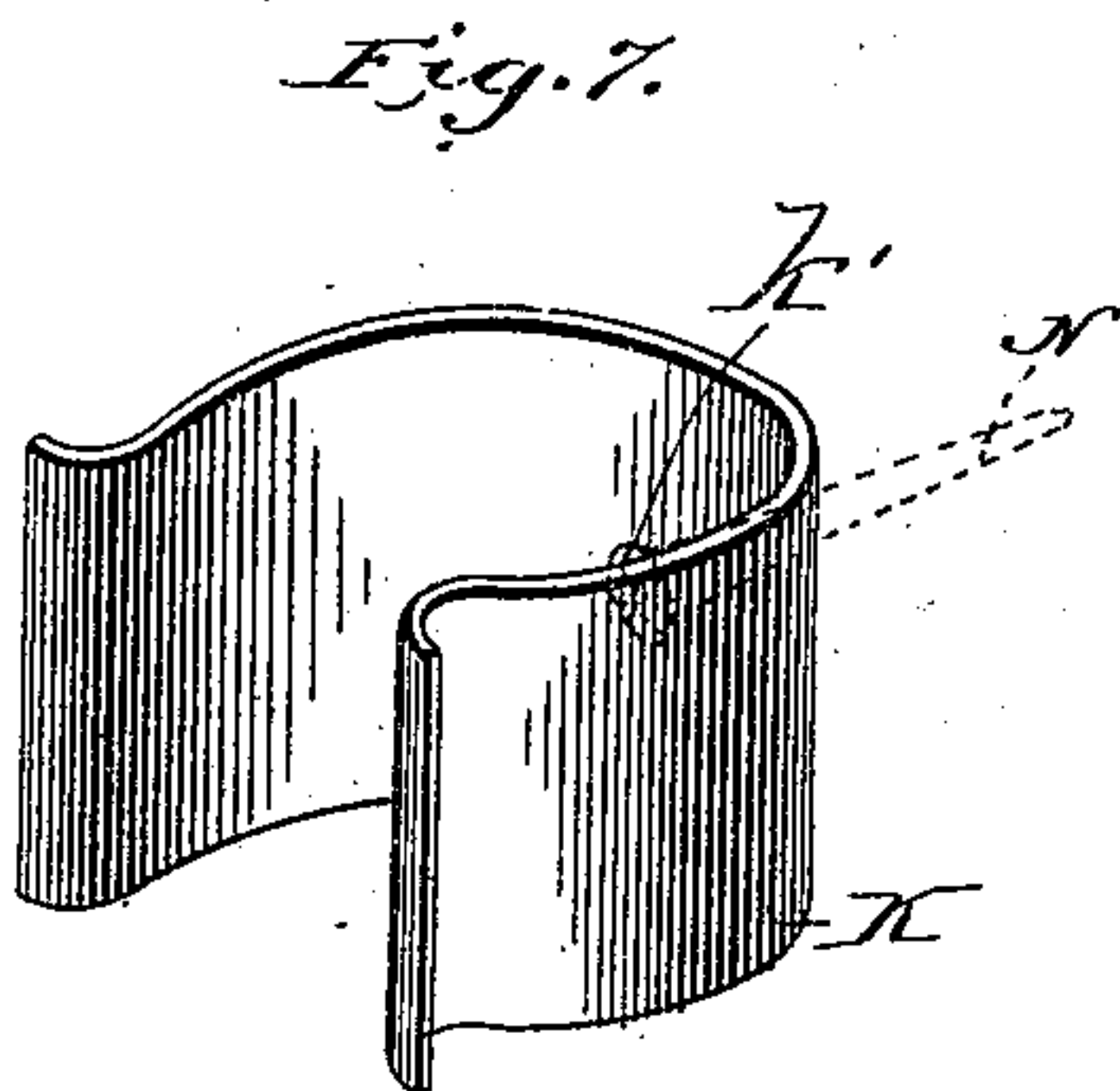
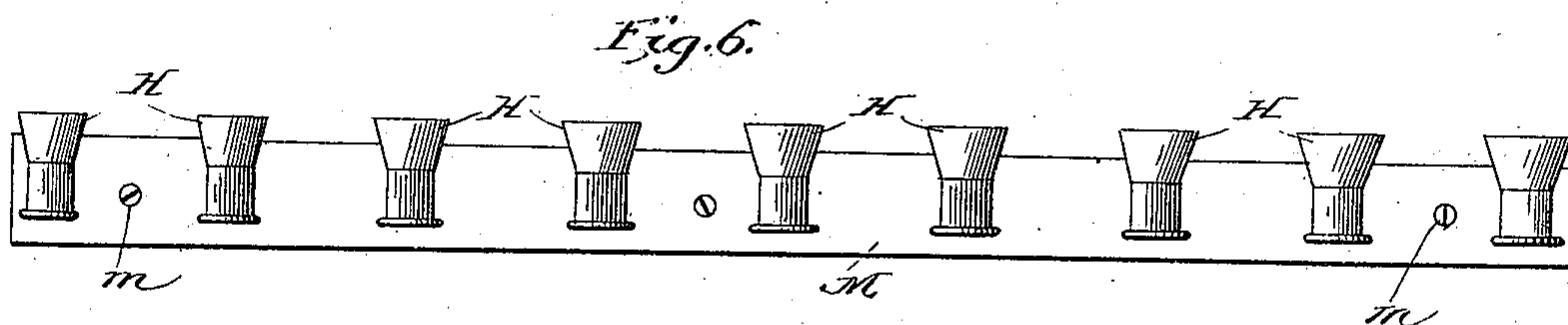
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witnesses:

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UNITED STATES PATENT OFFICE.

ALBERT W. HERR, OF WASHINGTON, DISTRICT OF COLUMBIA.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 502,074, dated July 25, 1893.

Application filed November 28, 1892. Serial No. 453,413. (No model.)

To all whom it may concern:

Be it known that I, ALBERT W. HERR, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Curtain-Fixtures for Hanging Curtains, Draperies, &c.; and I do hereby declare that the following specification, taken in connection with the accompanying drawings, is a full, clear, and exact description of my improvements, such as will enable those skilled in the art to make and use the same.

My invention relates to improvements in curtain fixtures which are adapted to be attached to a door or window frame and support the curtains or draperies in graceful folds therefrom so as to produce an artistic effect.

Broadly considered my invention consists of the combination of a suitable block and a suitable spring clamp between which the curtain or drapery can be clasped and formed and maintained in plaits or folds to make it hang gracefully; either the block or the clamp being adapted to be attached to the door or window frame for supporting the curtain therefrom.

The preferred form of my invention consists of a suitable cylindrical block or head having a flaring portion projecting upwardly from it, and a suitable spring clamp adapted to embrace the cylindrical head and clamp the curtain thereto. It is also preferable to form an annular flange or beading around the lower edge of the block or head to prevent the current slipping down thereon. The spring clamp consists preferably of a broad metal band bent into substantially U-shape and provided on its outer face with any suitable ornamentation. Suitable means are provided for attaching either the block or clamp to a door or window frame for supporting the curtains therefrom.

In order that my invention may be fully understood I will first describe the same with reference to the accompanying drawings and afterward point out in the claims what I consider to be the essential novel features.

In said drawings:—Figure 1 is a front elevation of a door frame having a curtain draped therein by means of my improvements. Fig. 2 is a detail sectional view show-

ing the improved bracket and clamp in side elevation and the curtain and door frame in section. Fig. 3 is an enlarged perspective view of the spring clamp. Fig. 4 is a side elevation of the preferred form of my improved supporting bracket. Fig. 5 is a slightly modified form of the same, part being shown in section to illustrate the construction. Fig. 6 represents a strip having a number of my improved supporting brackets attached, illustrating a slight change in the manner of applying the same. Figs. 7 and 8 are perspective views of two modified forms of spring clamps adapted to be attached to the door-frame. Figs. 9 and 10 are front elevations of two forms of blocks adapted to be employed with the clamps shown in Figs. 7 and 8.

Referring to Fig. 1, A represents a door frame, B the curtains or drapery hung therein, C the ordinary curtain cords, and D an over-drapery. The curtains and over-drapery are hung by means of my improved fixture, which I will now proceed to describe.

In Figs. 1, 2, 3, 4, 5 and 6, E is a horizontal bracket arm provided with an enlarged base F adapted to fit up against the door frame to which the bracket is secured, and a screw G securely fastened within the bracket arm and adapted to be screwed into the door frame.

H is the vertical cylindrical head of my supporting bracket which is secured to the outer end of the bracket arm E in any suitable manner.

In Fig. 5 I have shown the head H and arm E secured together by means of a socket *h* formed in the side of the head and a contracted portion *e* of the bracket arm fitting in said socket. In this form of bracket the enlarged base F is omitted. I is the integral flaring portion of the cylindrical head H which projects upwardly therefrom.

J is an annular flange or beading formed on the lower end of the cylindrical head H and adapted to prevent the slipping of the curtain thereon.

K is the spring clamp formed of a broad band of metal bent into substantially U-shape so as to snugly fit the cylindrical head H and having its ends *k* bent outwardly so as to afford smooth edges for bearing against the curtain.

L is a button shaped to represent a flower

or similar ornament and provided with a screw or rivet *l* by means of which it is secured to the outer curved face of the spring clamp K. The head *l'* of the rivet or screw can be conveniently shaped to represent the pistil of the flower.

The above-described form of my improved curtain-supporting bracket is designed to be employed as follows:—When it is desired to drape the window or door way, the brackets are first screwed into place with the cylindrical head projecting vertically as represented in Fig. 2 of the drawings. The curtain or other drapery is then folded over the head of the bracket as shown in Fig. 1 and the clamps put in place to secure the curtain thereto. It will be observed that the clamps will make the folds of the curtains conform to the shape of the brackets and produce a fullness at the top from which the curtain will hang in graceful folds. The flaring head portions conform the curtain folds at top to their shape and add materially to the beauty of the drapery. The clamps rest when in place, just within the annular beadings J so that there is no danger of the curtain slipping down out of position. In addition to the buttons L serving as ornaments for the spring clamps, they can be conveniently utilized for hanging some suitable over-drapery such as D represented in Fig. 1.

In Figs. 7, 8, 9 and 10, I have shown modifications of my improvements in which the spring clamp is adapted to be attached to the door frame instead of the block as shown in the preferred form. The spring clamp K shown in Fig. 7 is the same as shown in Fig. 3 except the button and screw or rivet *l* are omitted, and a hole *k'* provided through which a screw N passes for securing the clamp to the wood-work. In Fig. 8 the clamp is made of a single piece of metal having two curved arms O, O, extending from the angular or V-shaped spring extension O', which is provided at its end with a screw *o'* which is adapted to be screwed into the wood-work as in the preferred form of supporting bracket. With this form of clamp it is desirable to employ a sliding ring or keeper P which fits on the angular extension O' and clamps the spring arm in place onto the block and curtain in a manner which will be clear from the drawings. In combination with the bracket clamps shown in Figs. 7 and 8, it is obvious that it is necessary to employ some such block as is shown in Figs. 9 and 10. These blocks Q are formed with cylindrical bodies having ornamented ends *q*, and beadings *q'* to hold them and the curtains in place. This form of my device is applied in substantially the same manner as the preferred form.

I sometimes secure the supporting brackets or clamps to a strip of wood M shown in Fig. 6, and attach the strip to the door or window frame by screws *m* so as to avoid as much as possible mutilating the wood-work of the house. The blocks or heads H may be formed

of some other suitable shape, but I have found the cylindrical form preferable.

When it is desired to drape the curtains evenly on both sides of the door or window frame with my improved fixtures, it is necessary to employ an uneven number of them in order that the odd one may be placed in the center and the others arranged at equal distances on each side.

The blocks or brackets can be made of any suitable material, but I have found it preferable to employ wood as they can be more economically produced from this material. The spring clamps are of course made of metal. It is of course obvious that slight changes in form can be made without departing from the spirit of my invention, and that it is within the scope of my invention to ornament the brackets in any approved manner to render them less objectionable when the draperies are removed. Of course the fixtures can be readily removed by unscrewing when the draperies are taken down, if preferred.

In practice I adapt the fixtures to any place desirable and arrange them so as to have the curtains hang closely to the door or window frame or far away therefrom. This can be conveniently arranged by shortening or lengthening the bracket arms, or in some cases doing away with them entirely and securing the block or clamp directly to the frame by any suitable means.

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

1. The herein described curtain-supporting fixture comprising a suitable series of upright blocks or supports around which the curtain or drapery can be draped in plaits or folds, and means for securing or clasp the curtain or drapery to the blocks or supports, as set forth.

2. A curtain-supporting fixture comprising the combination of a suitable upright block and a suitable clamp adapted to clasp a curtain or drapery and form and maintain it in plaits or folds, one of said parts being provided with means for attaching it to a door or window frame, substantially as set forth.

3. A curtain fixture comprising the combination of a vertical block or support from which a curtain or drapery can be draped, and a suitable clamp engaging the block or support and adapted to clasp the curtain thereto and project into the folds of the curtain and form and maintain it in plaits or folds, substantially as and for the purpose herein set forth.

4. A curtain fixture comprising a substantially cylindrical vertical block or support from which the curtain can be draped, and a suitable spring clamp adapted to engage the cylindrical block or support and clasp the curtain thereto, and form and maintain it in plaits or folds substantially as set forth.

5. A curtain fixture comprising a substan-

5 tially cylindrical block or support having a
flaring head projecting therefrom, and adapt-
ed to rest in a vertical position in combina-
tion with a suitable spring clamp adapted to
engage therewith and clasp the curtain there-
on, and form and maintain it in folds sub-
stantially as set forth.

10 6. A curtain-supporting fixture comprising
a suitable block or support from which the
curtain or drapery can be hung, a flange or
beading around the bottom of said block or
support for preventing the slipping of the
curtain thereon, and a suitable clamp adapted
to clasp the curtain to the support, as set
15 forth.

7. A curtain-supporting bracket formed
with a substantially cylindrical portion
around which the curtain can be draped, and
an annular beading at the bottom of the cy-
lindrical portion for preventing the curtain
from slipping, in combination with a suitable
clamp adapted to engage the cylindrical head
and hold the curtain thereon, substantially as
set forth.

25 8. The combination of the bracket arm E,

the cylindrical head secured thereto, means
for securing the bracket arm to a door frame,
and a spring clamp adapted to engage the cy-
lindrical head, substantially as set forth.

9. The combination of the curtain-support- 30
ing bracket comprising essentially a cylin-
drical head, with a spring clamp adapted to
engage the cylindrical head and clasp the
drapery thereto, and a button attached to the
spring clamp and adapted to support an over- 35
drapery, substantially as set forth.

10. The combination of a series of substan-
tially cylindrical blocks or supports attached
to a window or door frame in an upright po-
sition, a curtain or drapery plaited or folded 40
around said blocks or supports, and spring-
clamps engaging said curtain and blocks and
projecting into the folds of the curtain for
maintaining the folds, substantially as de-
scribed.

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Witnesses:

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MARY W. KNIGHT.