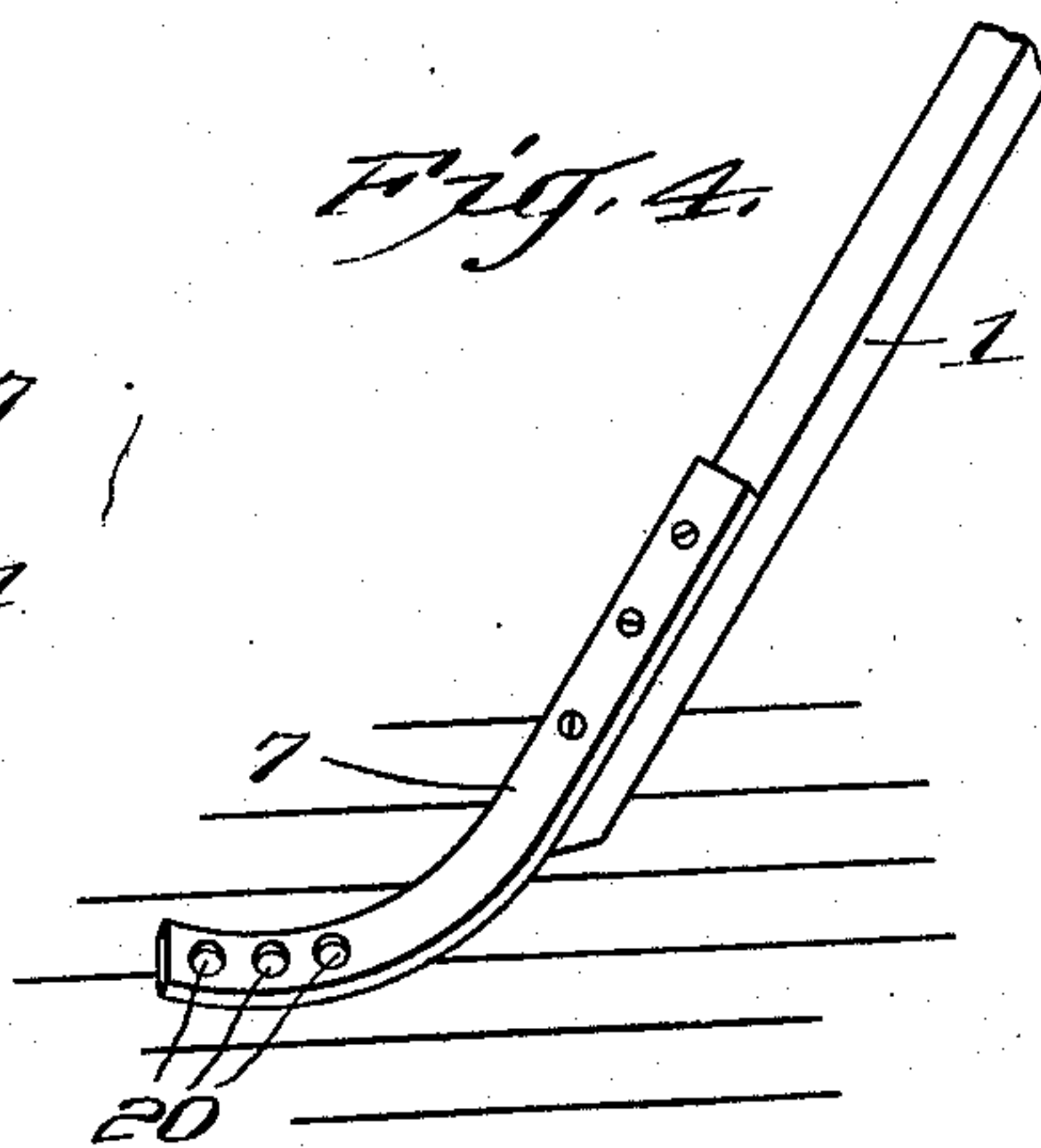
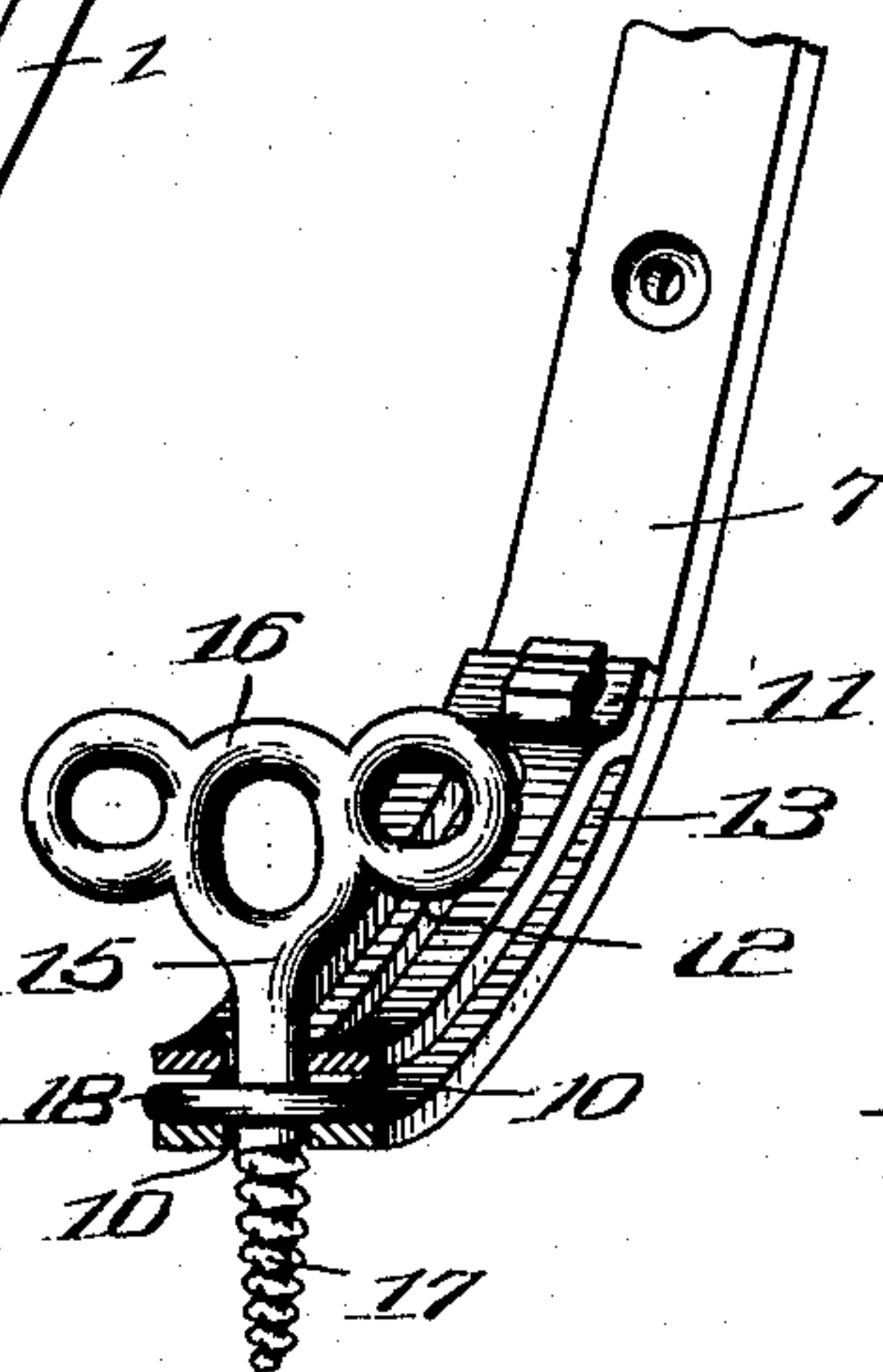
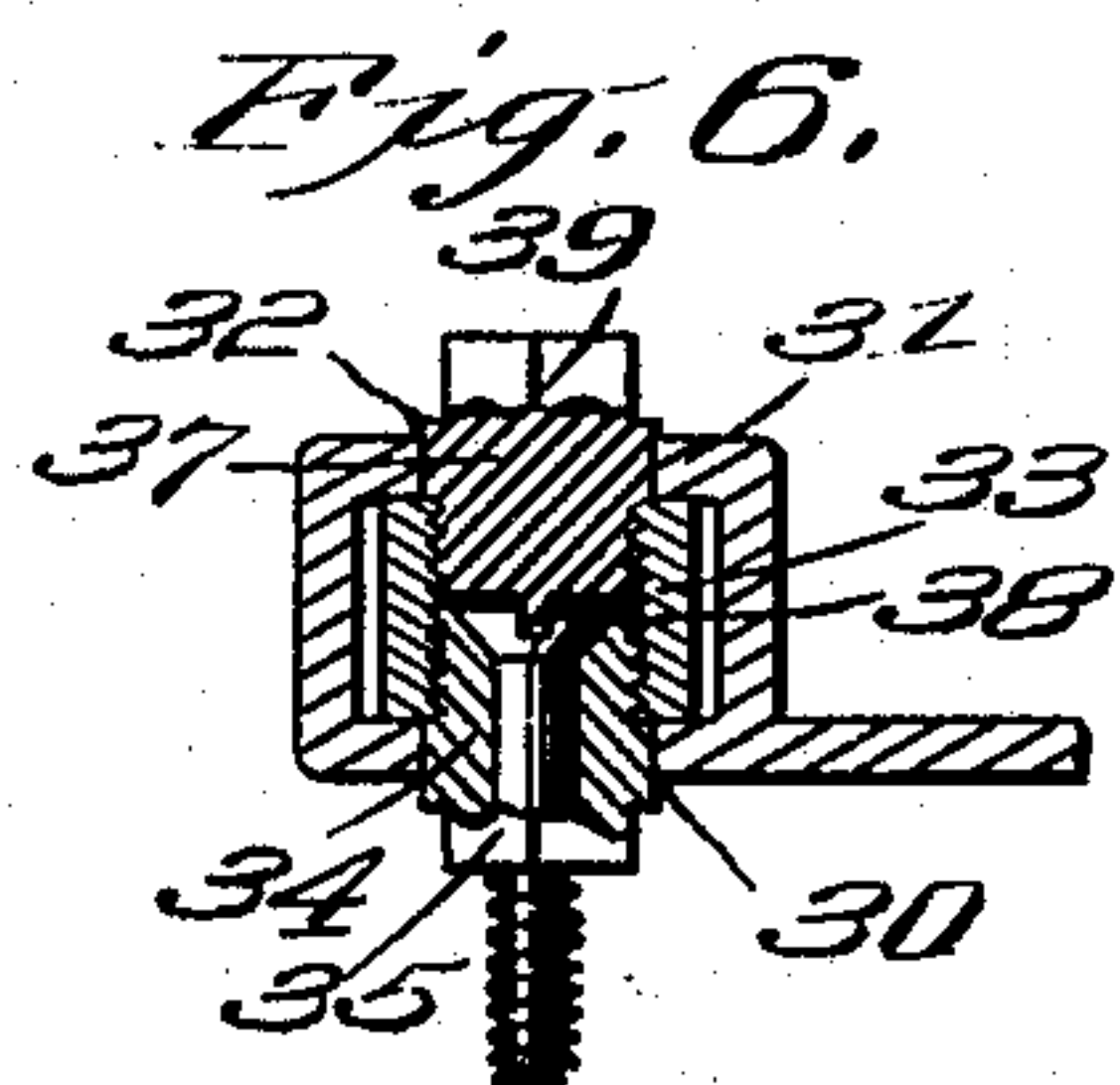
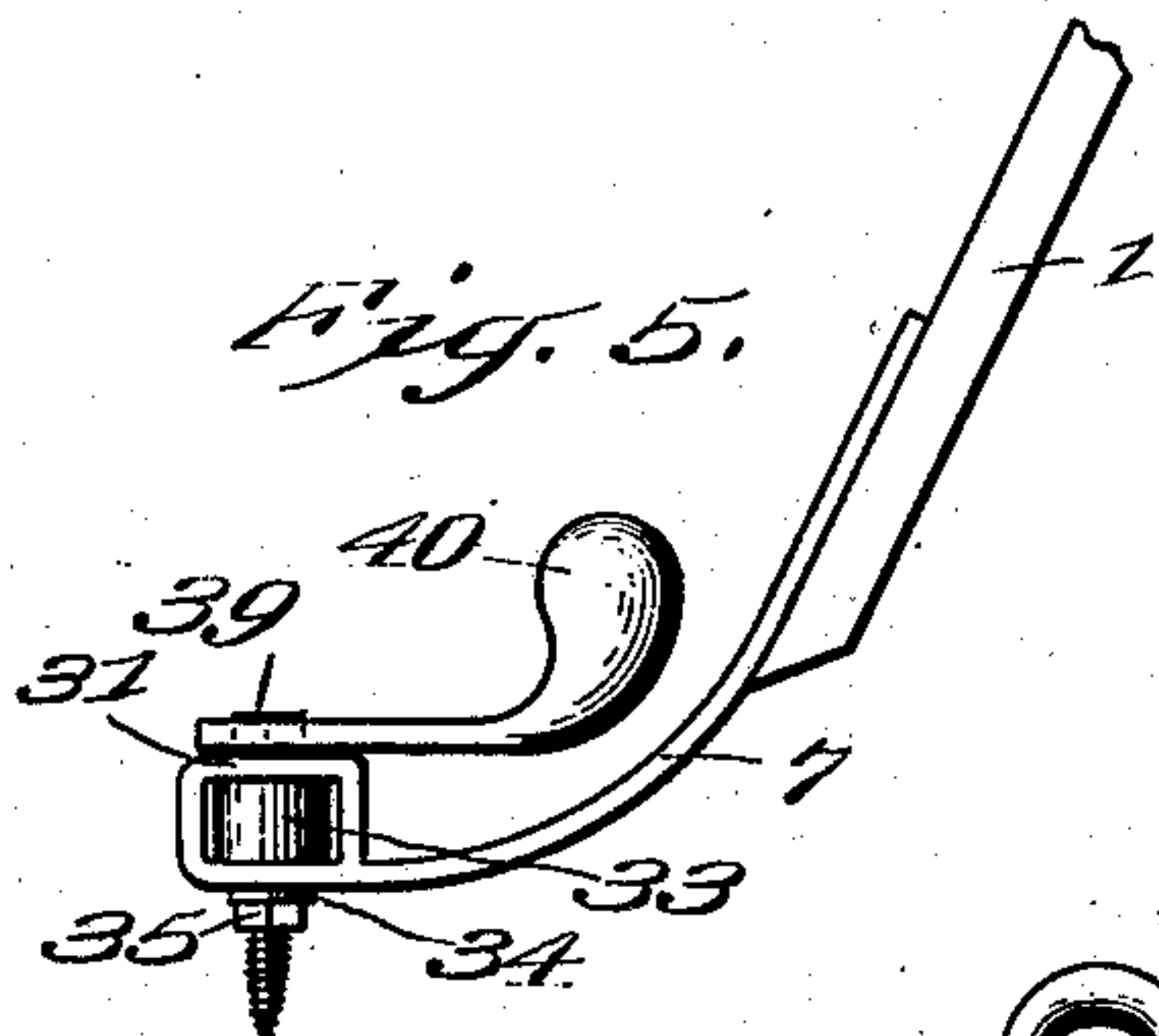
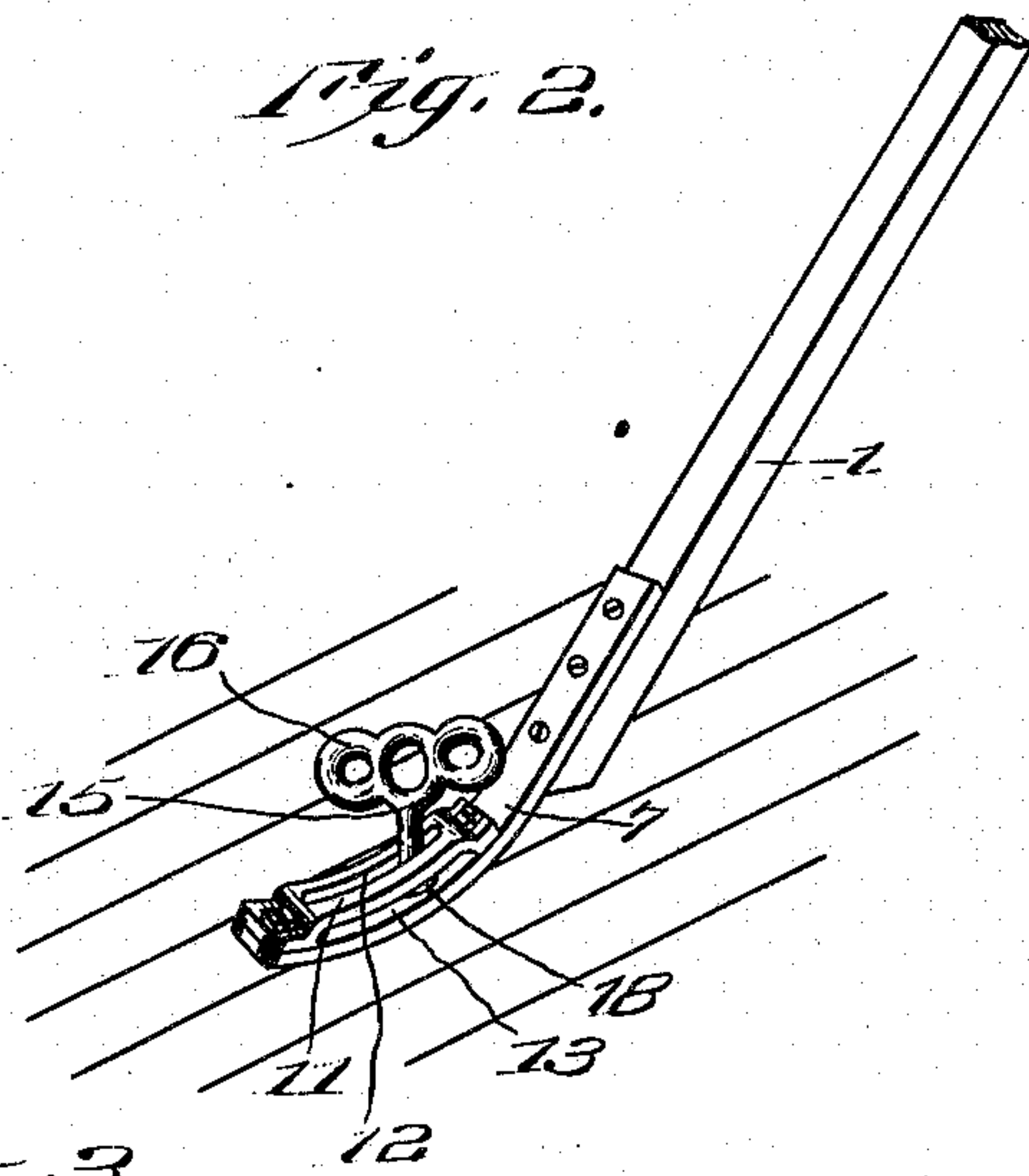
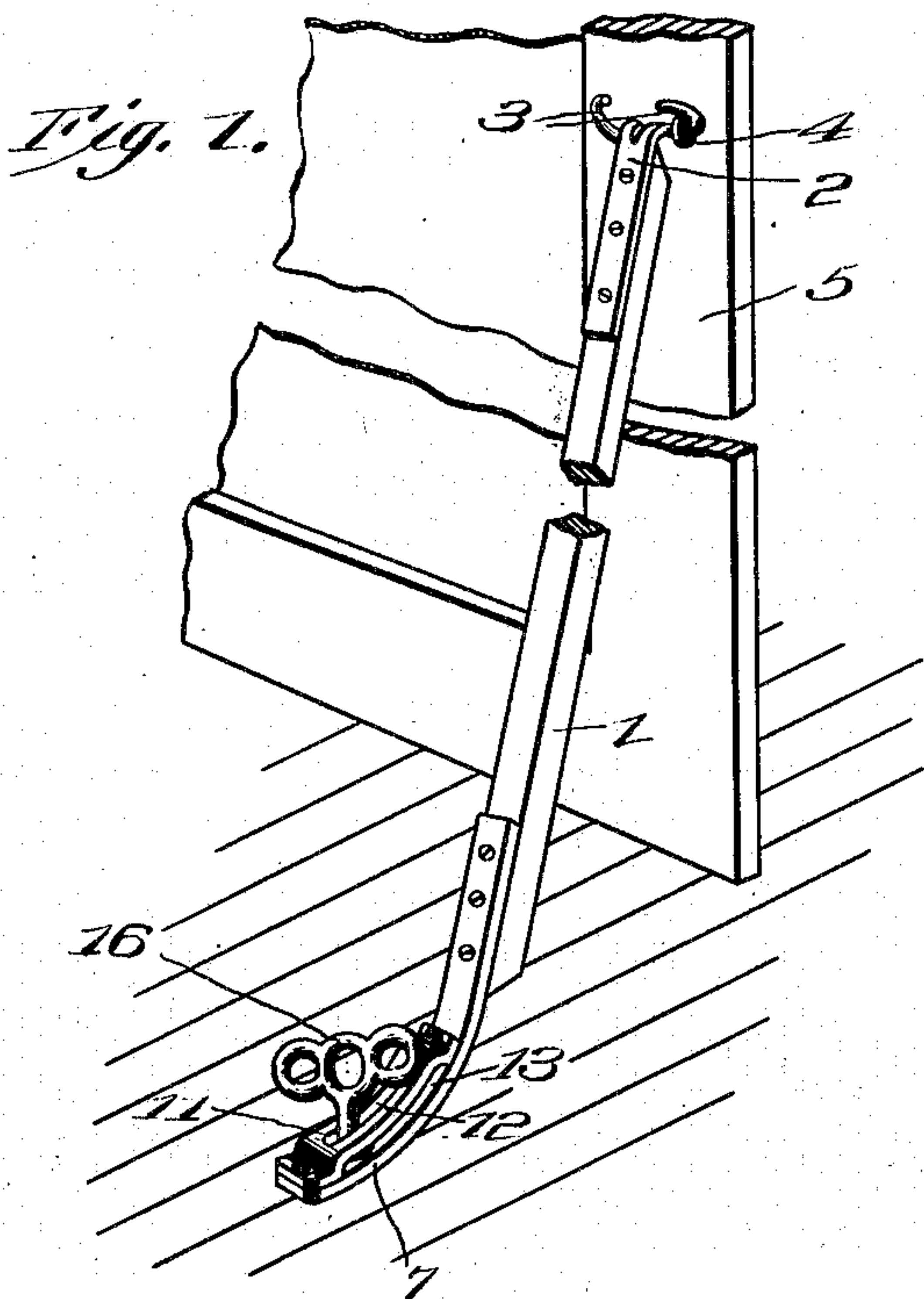


C. L. HAGEN.
ATTACHMENT FOR STAGE SCENERY BRACES.
APPLICATION FILED APR. 17, 1907.

907,996.

Patented Dec. 29, 1908.



WITNESSES

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CLAUDE L. HAGEN, OF NEW YORK, N. Y.

ATTACHMENT FOR STAGE-SCENERY BRACES.

No. 907,996.

Specification of Letters Patent.

Patented Dec. 29, 1908.

Application filed April 17, 1907. Serial No. 368,711.

To all whom it may concern:

Be it known that I, CLAUDE L. HAGEN, citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented new and useful Improvements in Attachments for Stage-Scenery Braces, of which the following is a specification.

My invention relates to stage scenery braces and consists essentially in a curved foot-iron secured to the foot of the brace, so that some portion of the foot-iron sets square on the floor in every position of the brace. A screw or other means must be provided for securing the foot-iron to the floor, and the screw must be adapted to engage with the foot-iron at various points.

Heretofore, foot-irons for braces have been made of a single piece having upper and lower portions arranged at an angle, but the objection thereto is that the lower portion sets flat on the floor, at only one angle at which the brace may be arranged with reference to the wing, for instance 45°. At all other angles either the toe or heel of the lower portion is tilted from the floor, and the securing screw is either set at an angle, or it does not clamp the foot-iron firmly to the floor, all of which is objectionable. It has also been proposed to hinge the lower portion, or floor piece of the foot-iron, to the upper portion, or shank, but this was complicated and expensive, and did not support the wing firmly.

My invention is fully illustrated in the drawing herewith, in which the reference numerals of the specification indicate the corresponding parts in all the figures.

Figures 1 and 2 show the brace arranged at different angles to illustrate how, in the different positions, some portion of the foot-piece sets flat and true. Fig. 3 is an enlarged view of the foot-piece, partly isometric and partly in section. Fig. 4 shows a simple form of the foot-piece. Figs. 5 and 6 show a modification, respectively in elevation and in section.

In the figures, 1 indicates the brace having the usual top-iron 2 provided with hooks 3 for engaging with the eye 4 on the stile 5 of the wing-frame for holding the wing in position. To the lower end of the brace is secured my curved foot-iron 7, or "rocker-heel," which may be of various forms and provided with different means for securing it in place. The utility of my invention is

best illustrated in Figs. 1 and 2, where the brace is shown at different angles, in Fig. 1 less, in Fig. 2 more, inclined. At whatever angle set, there is a portion of the curved iron which sets flat, or square, on the floor, and the hand-screw turned home at that point clamps the foot-iron true on the floor and therefore secures the brace and the wing firmly in position.

In the forms shown in Figs. 1, 2 and 3, the foot-iron is longitudinally slotted at 10, and a supplementary piece of strap-iron 11, which is correspondingly curved and slotted at 12 and offset throughout its greatest extent to form side slots 13 13, is secured to the upper surface of the curved portion of the foot-iron. This extra piece should preferably harmonize in width and the thickness with the foot-iron. Between the two pieces there is secured in place, the hand-screw 15 having the handle 16 extending through the upper slot 12, the screw portion 17 extending down through the slot 10, and the shoulder 18 fitting the side slots 13 13 between the foot-iron 7 and the extra iron 11, whereby the hand-screw is connected to the brace so that it cannot be separated and lost, but may be moved longitudinally in the slots, to be brought to the point of the foot-iron that sets square on the floor, according to the angle of the brace. In Fig. 2 where the brace is less inclined, the screw is adjusted near the top of the foot-iron; in Fig. 1, near the lower end, which sets flat on the floor when the brace is less inclined as shown.

In Fig. 4 is shown the simple and preferable form of foot-iron, provided with a plurality of screw-holes 20 so that one will be substantially at the point of the "rocker-heel" which engages with the floor.

Figs. 5 and 6 show a modification relating to a means for utilizing ordinary screws, to be renewed when worn, combined with a crank for turning home the screws quickly and forcibly. The curved foot-iron is perforated at 30 and provided with a parallel extension 31 similarly perforated at 32. To these perforations are fitted the upper and lower pieces of the socket, or screw-holder, which are connected by the internally threaded sleeve 33. The lower piece 34 has a squared lower end 35 for the wrench, when the parts are being connected and a tapering cavity in its upper end to receive the head of the screw. The upper piece 37 has a tongue 38 to engage with the screw slot and an up-

wardly extending squared or angular end 39
for the wrench 40, whereby the screw is op-
erated.

Having thus described my invention, what
5 I claim as new and desire to secure by Let-
ters Patent, is:—

1. As a new article of manufacture, a
curved foot-iron, or rocker-heel, for scenery
braces, and means adapted to engage with
10 the foot-iron at various points to attach it to
the floor.

2. A scenery brace having a hook at its
upper end for connecting it to a wing, and in
combination therewith a foot-iron secured to
15 the lower end of the brace, said foot-iron hav-
ing a curved lower portion, being down-
wardly convex, and means to engage with
the curved portion of the foot-iron at various
points to secure the brace to the floor.

3. A scenery brace having a hook at its 20
upper end to engage with an eye on the wing
and in combination therewith a foot-iron
having a straight upper portion and a curved
lower portion to engage at various points 25
with the floor as the brace is set at varying
angles, said lower portion having a plurality
of perforations arranged longitudinally for a
screw to secure the brace to the floor, and
screws to secure the foot-iron by its straight
portion to the lower end of the brace. 30

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

CLAUDE L. HAGEN.

Witnesses:

M. B. SMITH,

J. R. MILLWARD.