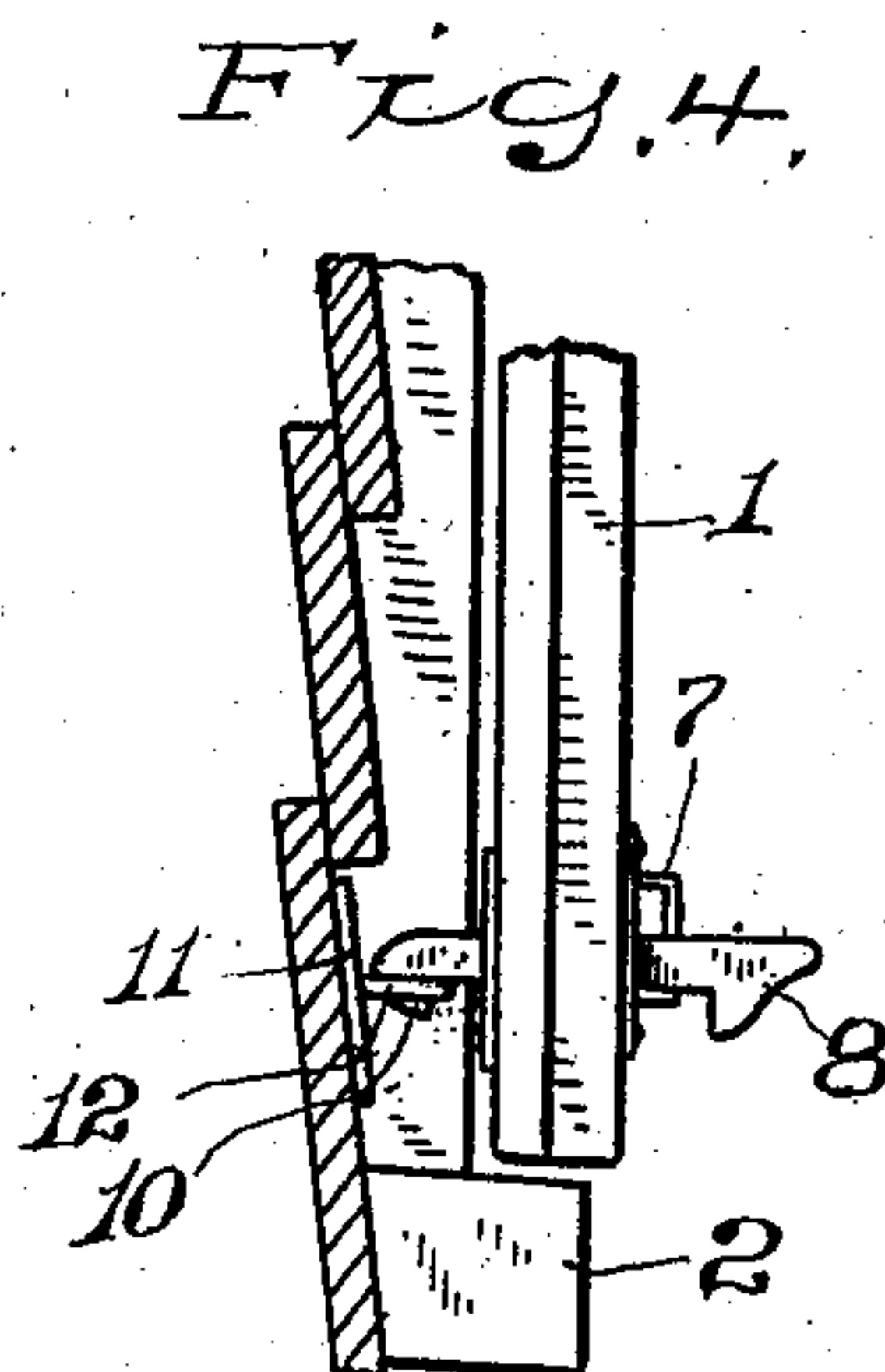
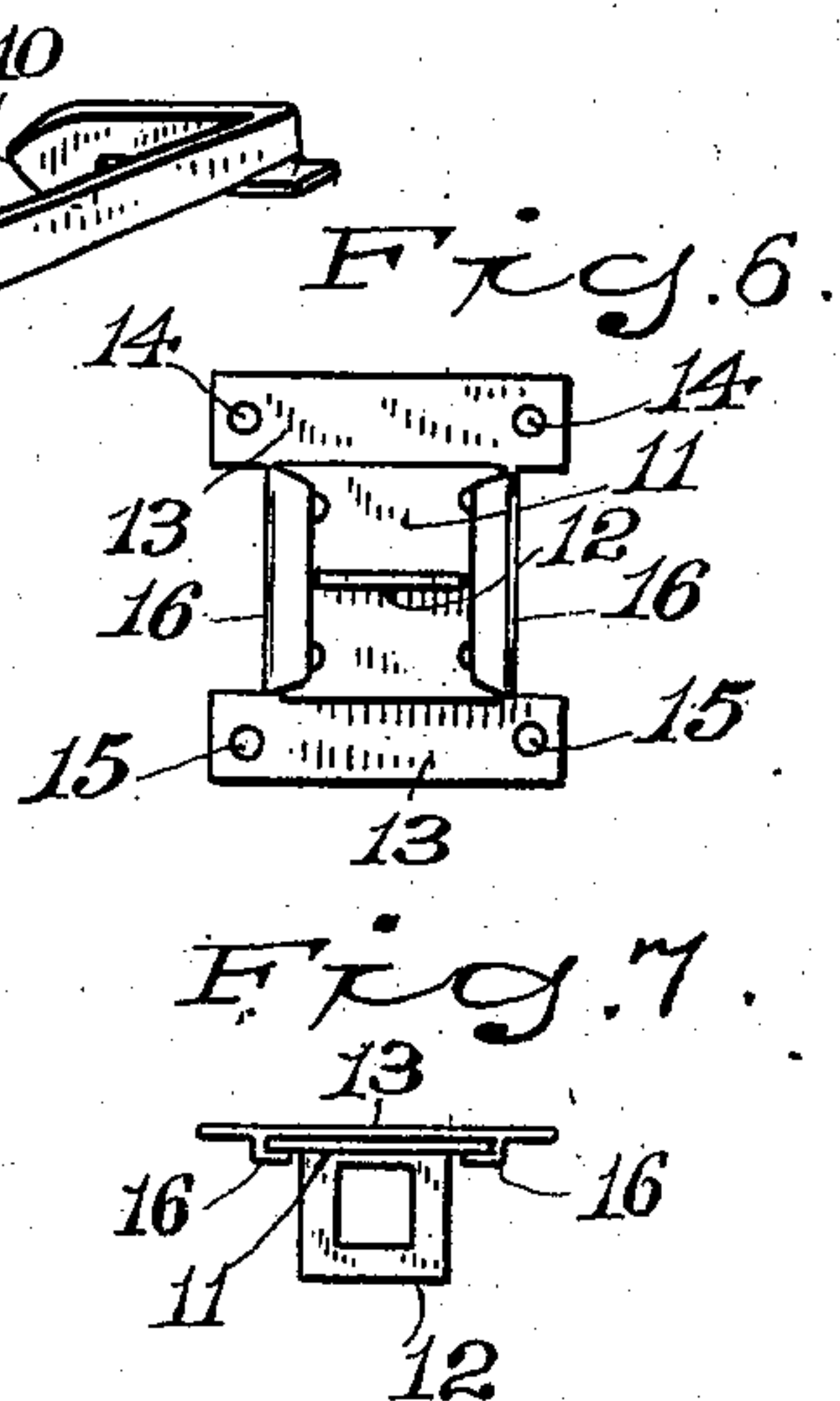
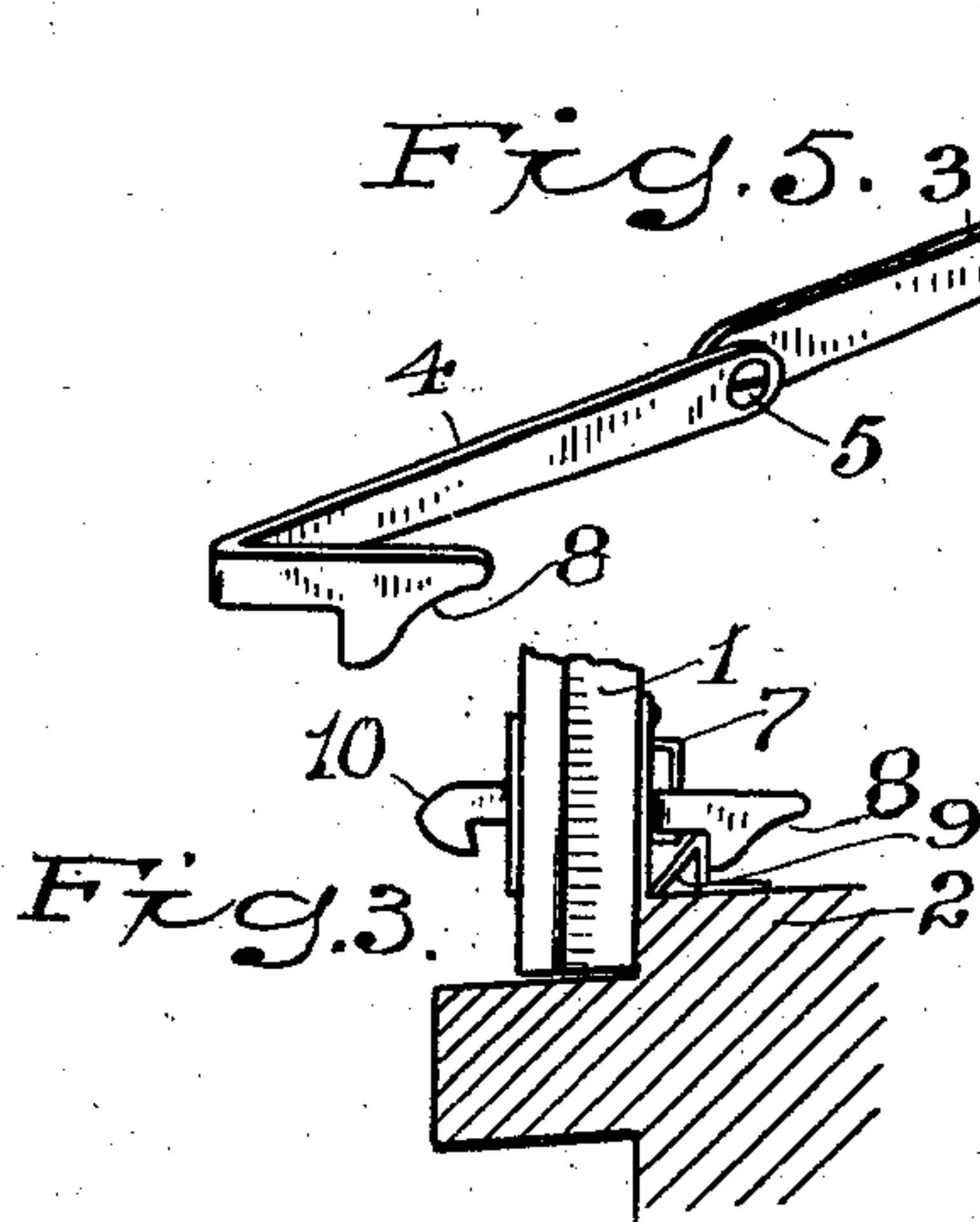
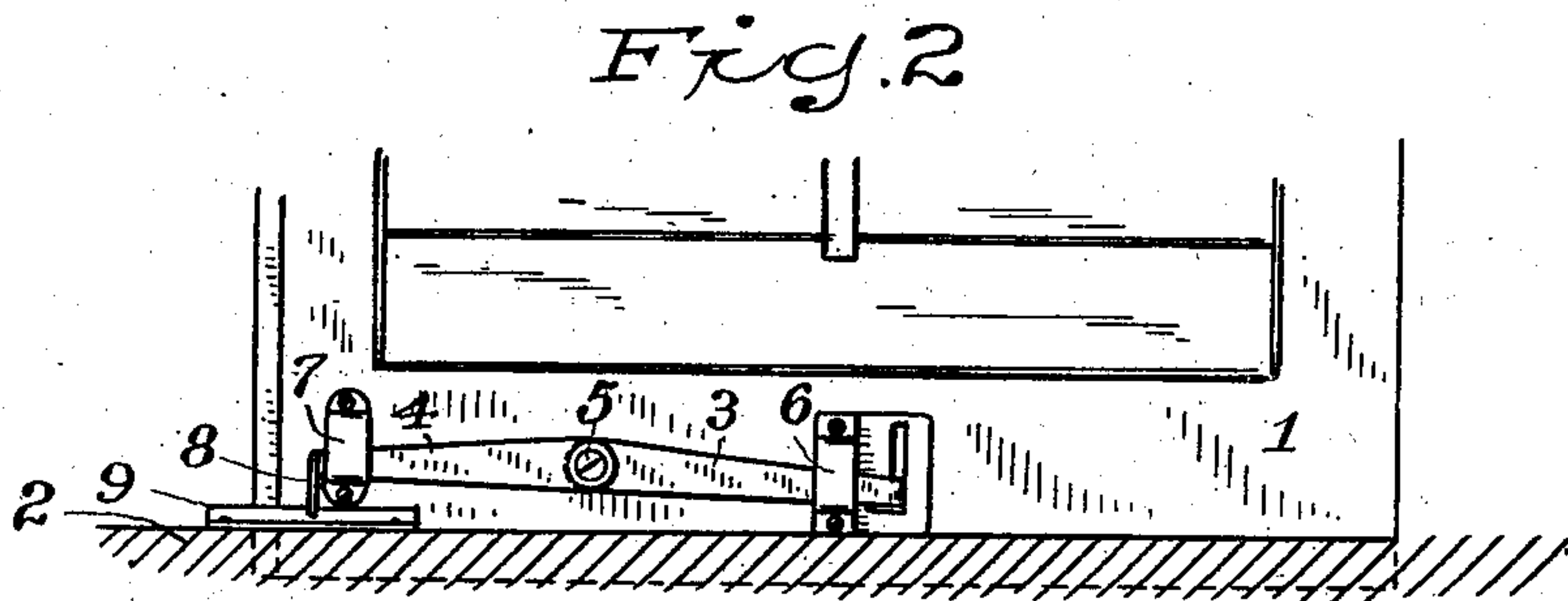
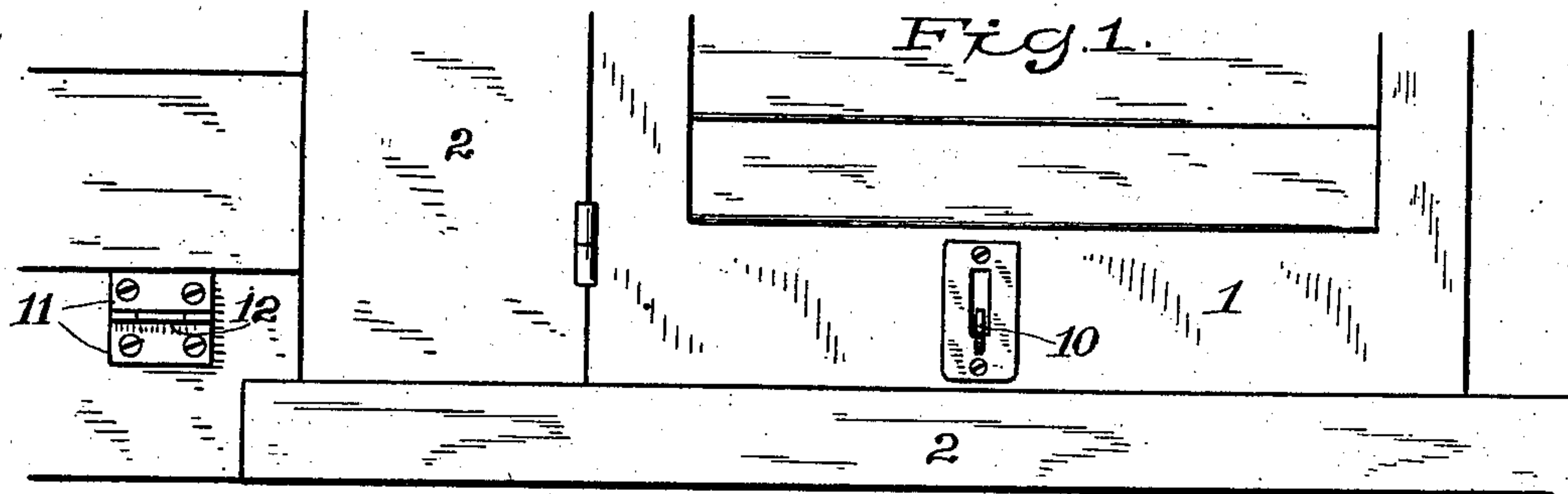


No. 708,619.

Patented Sept. 9, 1902.

W. R. BRIGGS.
SHUTTER FASTENER.
(Application filed Feb. 5, 1902.)

(No Model.)



WITNESSES:

H. A. Lamb.
M. T. Langdon

INVENTOR

Warren R. Briggs

BY

J. M. Smith
ATTORNEY

UNITED STATES PATENT OFFICE.

WARREN R. BRIGGS, OF STRATFORD, CONNECTICUT.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 708,619, dated September 9, 1902.

Application filed February 5, 1902. Serial No. 92,685. (No model.)

To all whom it may concern:

Be it known that I, WARREN R. BRIGGS, a citizen of the United States, residing at Stratford, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Latches for Swinging Shutters or Blinds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain improvements in latches for swinging shutters or blinds, and has for its object to provide a latch simple in construction and positive in operation and which cannot be tampered with so as to effect the opening of the blind or shutter from the outside.

A further object of my invention is to provide an outside latch-holder which is adjustable and which may readily be secured to a brick wall without drilling the bricks.

With these ends in view my invention consists in certain details of construction and combination of parts, such as will be hereinafter fully set forth and then specifically be designated by the claims.

In the accompanying drawings, which form a part of this application, Figure 1 is an outside elevation, partly broken away, illustrating a blind in closed position and equipped with my improvement; Fig. 2, an inside elevation, partly broken away, illustrating a blind in closed position and equipped with my improvement; Fig. 3, a broken sectional elevation of the construction shown at Figs. 1 and 2; Fig. 4, a broken sectional elevation, showing a blind equipped with my improvement and swung open against the wall of a building; Fig. 5, a detail perspective of the latch-levers which I employ; Fig. 6, a detail front elevation of my improved form of latch-holder and Fig. 7 a detail top view of said latch-holder.

Similar numbers of reference denote like parts in the several figures of the drawings. 1 is any suitable blind or shutter hinged to a casing 2.

3 4 are independent latch-levers pivoted at their inner ends to a screw or post 5, which extends from the inside of the blind, and 6 7

are housings secured to the inside of the blind and through which the levers 3 4, respectively, extend, which housings act as supports for the levers. The extreme end of the lever 4 is formed into an ordinary beveled catch 8, and when the blind is swung to closed position the beveled portion of this catch will strike against any suitable ledge or shoulder-piece 9, secured to the bottom of the casing, thereby causing the lever to be elevated until the catch drops down and locks behind said shoulder. The extreme end of the lever 3 passes through the blind and projects beyond the outside thereof and is formed into a beveled catch 10, and when the blind is swung outward against the wall of the building the beveled portion of this catch will strike against the catch-holder and be engaged therewith in the usual manner. Of course any ordinary catch-holder may be secured to the outside of the building and will serve the purposes of my invention, and I have shown at Fig. 1 an ordinary form of catch-holder, such as I would employ on wooden buildings, said holder comprising merely a plate 11, adapted to be secured to the building by screws, said plate having extending therefrom horizontally an ordinary form of catch-holder 12; but it frequently happens that catch-holders must be secured to a brick wall, and in such an instance the bricks must be drilled. In my improved catch-holder which I have illustrated at Fig. 6 the base-plate 13 is provided with holes 14 15 at the top and bottom, and these holes are separated vertically by a distance slightly greater than the thickness of a brick, so that the plate may be secured by means of screws driven directly into the mortar above and below a brick and without any drilling operation whatever. The sides of the plate are curled inwardly, so as to afford guides 16, and the plate 11 is introduced within these guides and adjusted to the proper horizontal plane, and said guides are then clamped down firmly against the plate 11, so as to hold it, as is clearly shown at Figs. 6 and 7. The plate 11, which forms a part of the structure shown in these two last-named figures of the drawings, is the same as the plate shown at Fig. 1 and is provided with a catch-holder 12, and the sole object of the base-plate 13 is to afford a way

to properly locate the catch-holder 12 on the brick wall without the necessity of drilling.

It will be clear that the levers 3 4 may readily be lifted by a servant or other proper person and the catches released from the respective catch-holders for the purpose of opening or closing the blind or shutter; but when the blind or shutter is closed, as shown at Fig. 1, it will be clear that the catch 8 cannot be lifted from the outside, since the levers 3 4 operate independently of each other.

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

1. The herein-described improvement in latches for swinging blinds or shutters, comprising two independent levers pivoted to the inside of the shutter in the plane of the sash, said levers provided at their free extremities

with right-angled beveled catches, substantially as set forth.

2. The herein-described improvement in catch-holders for swinging shutters and blinds, the same comprising a base-plate having screw-holes at the top and bottom which are separated vertically by a distance slightly greater than the width of a brick, and provided with flanges at the sides, and a plate inserted between said flanges and held in any suitable adjustment by the clamping of said flanges and provided with a suitable catch-holder, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WARREN R. BRIGGS.

Witnesses:

F. W. SMITH, Jr.,

M. T. LONGDEN.