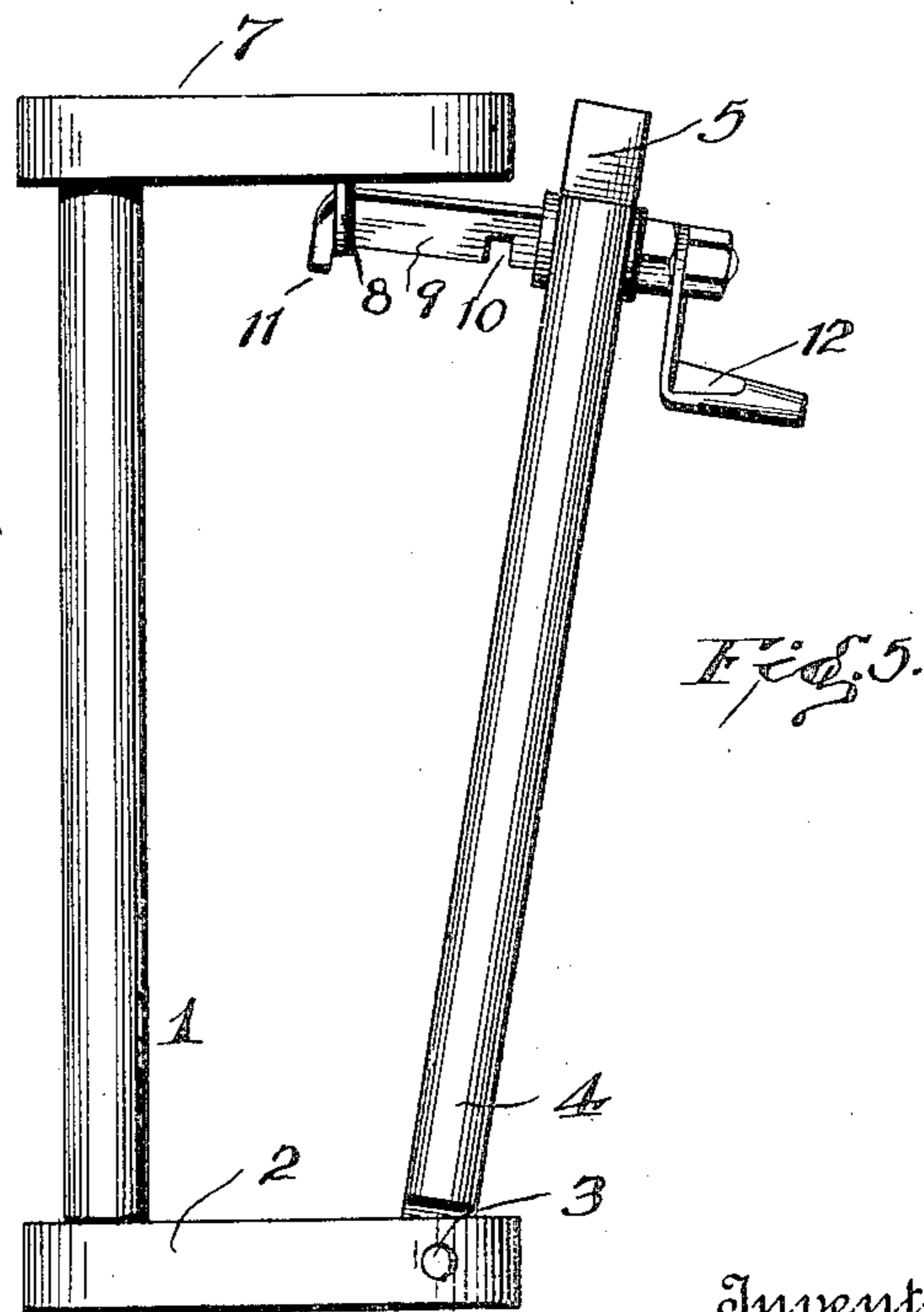
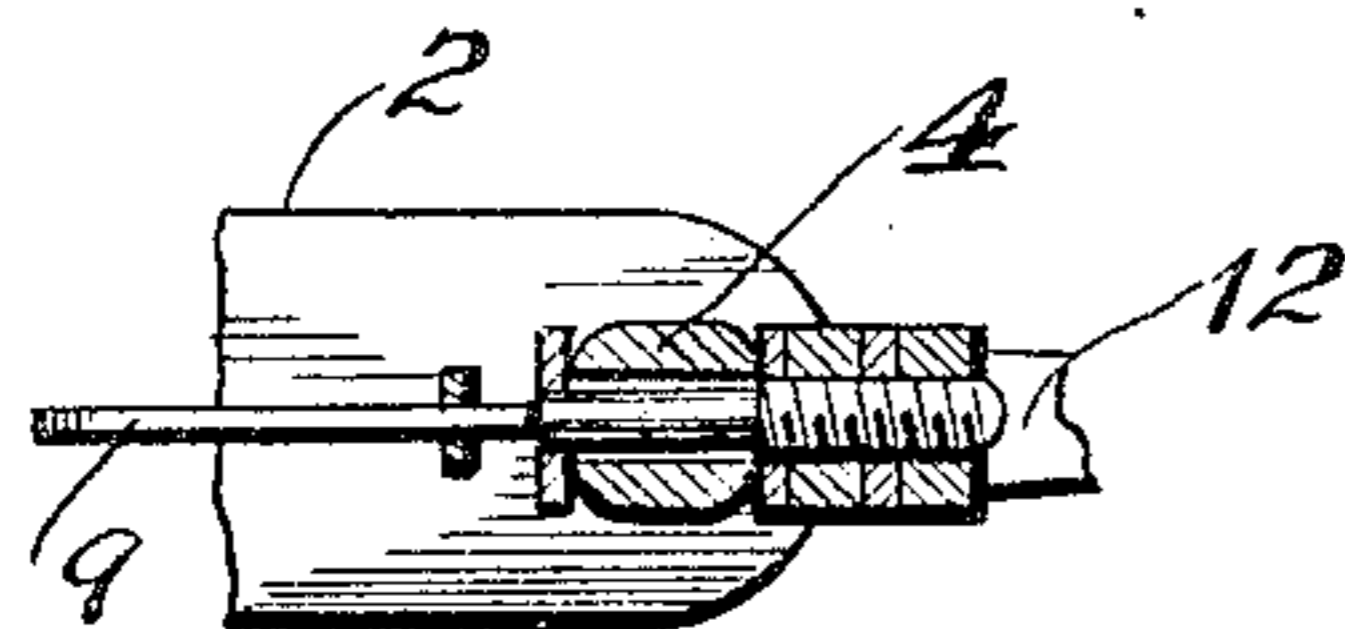
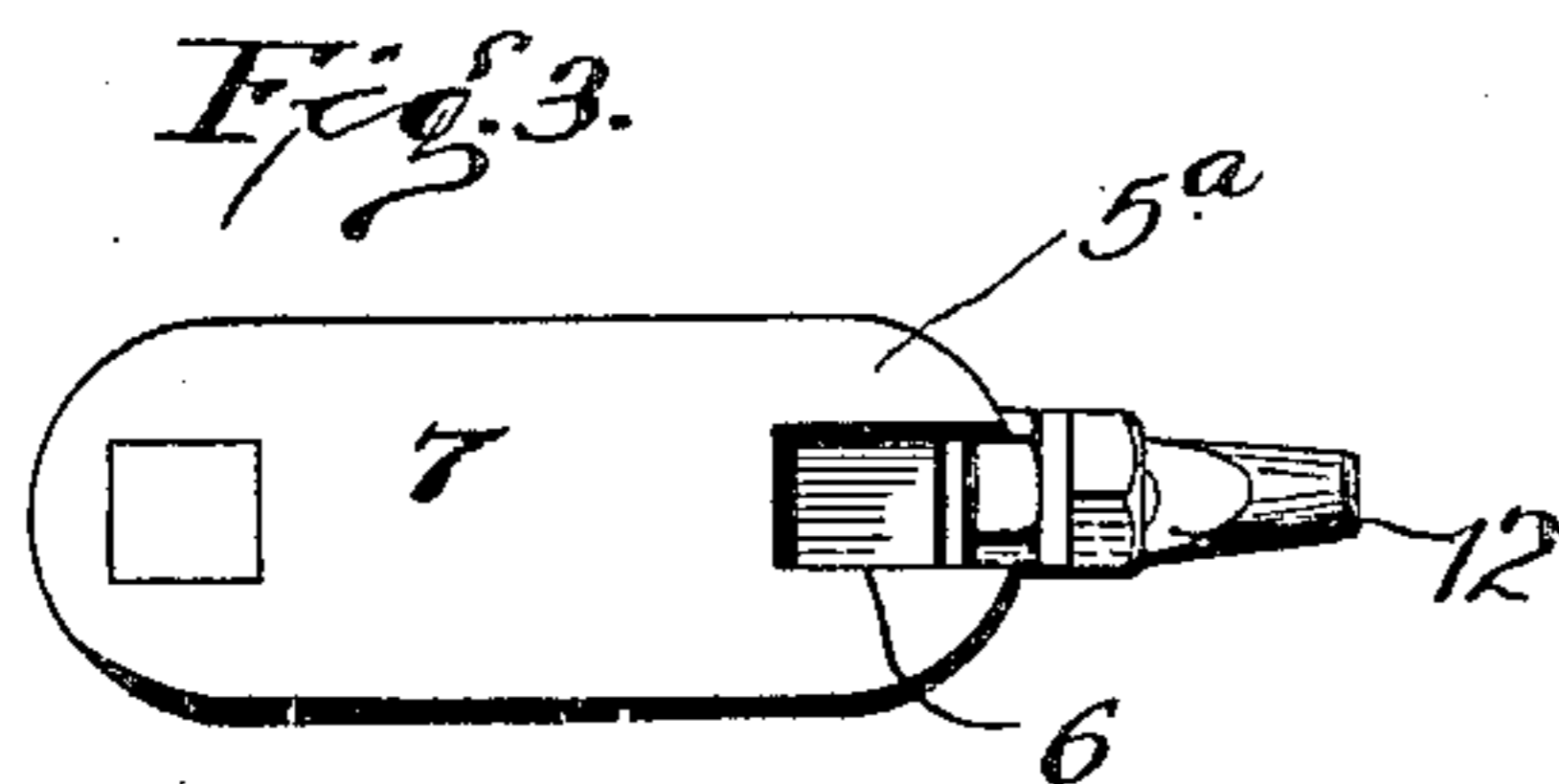
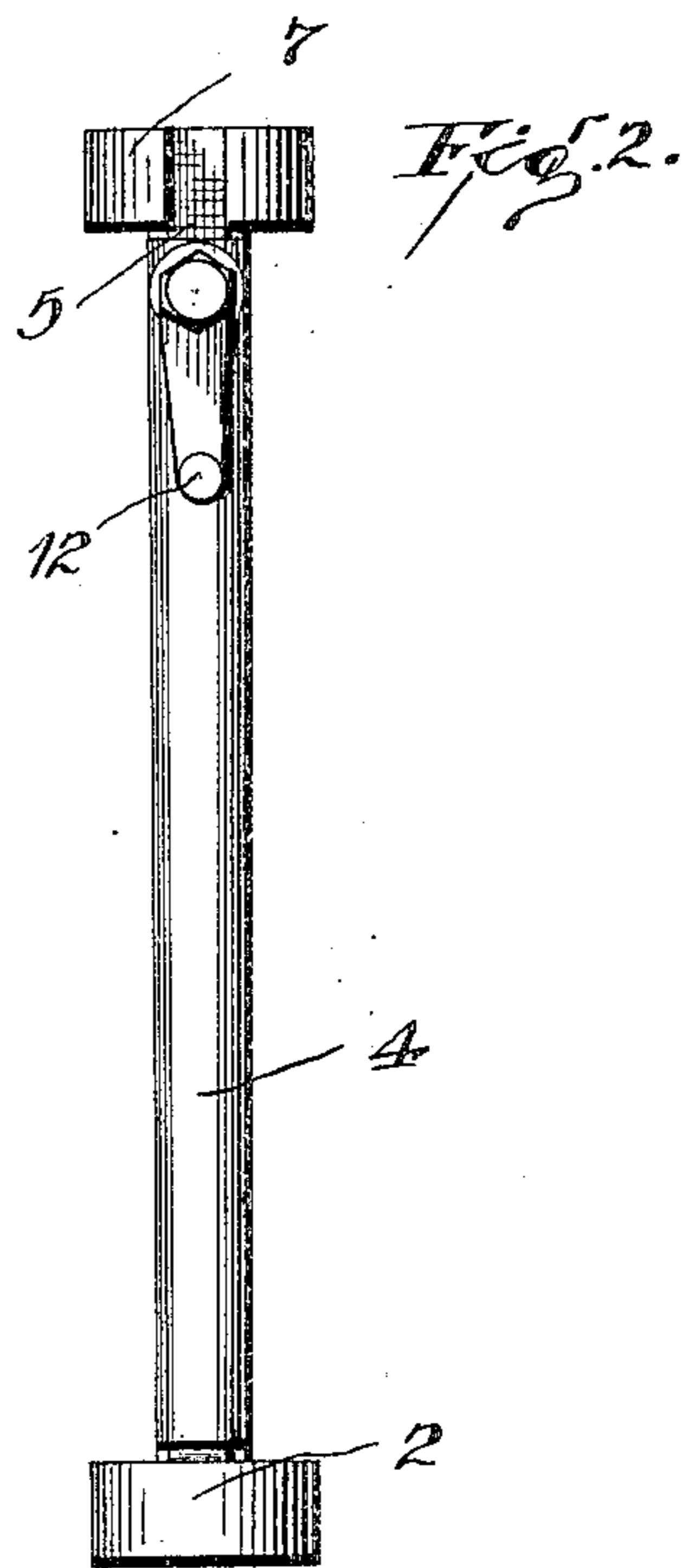
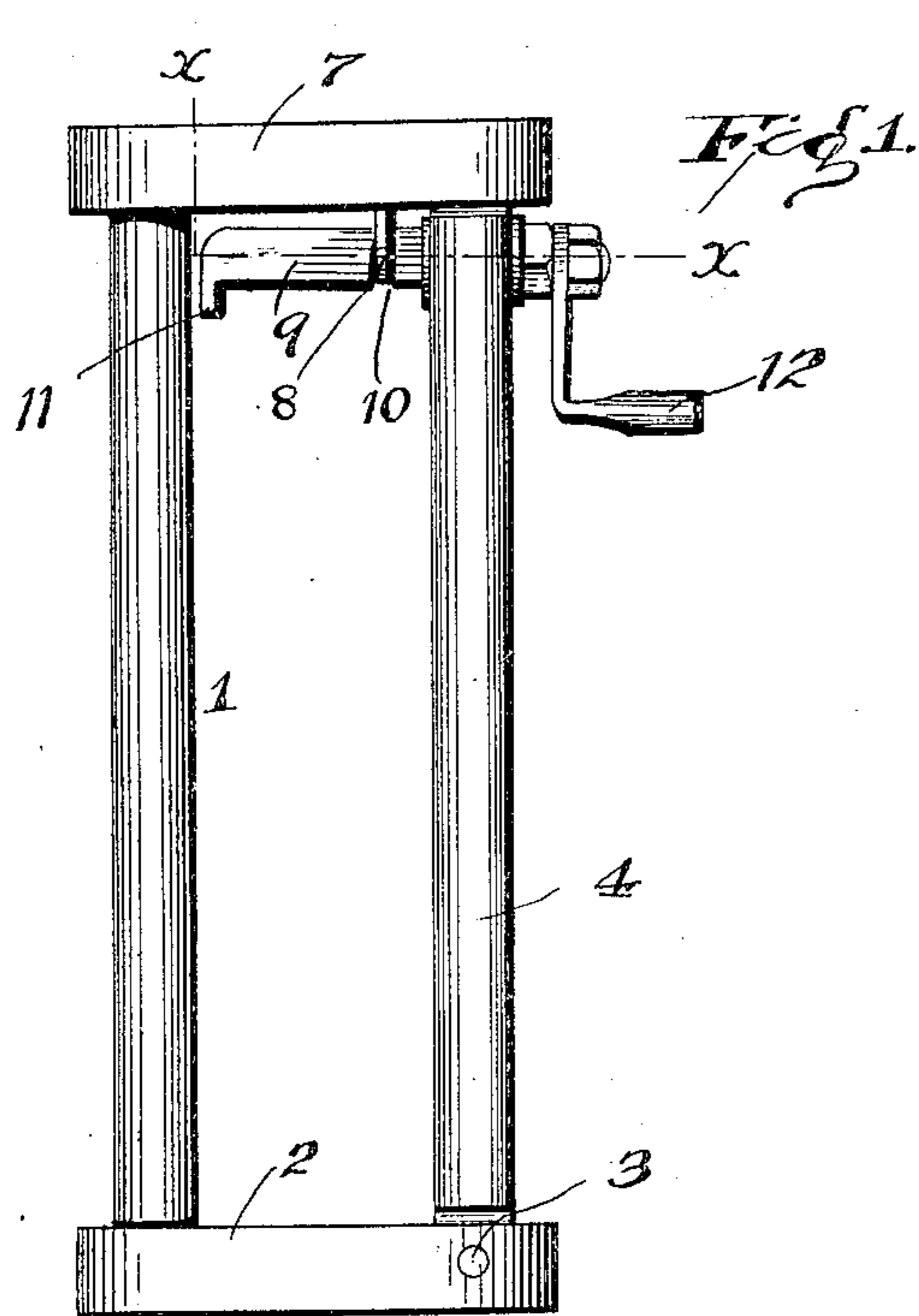


No. 804,769.

PATENTED NOV. 14, 1905.

C. RODENCAL.
LATCH FOR STANCHIONS.
APPLICATION FILED JULY 15, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES RODENCAL, OF AURORAHVILLE, WISCONSIN.

LATCH FOR STANCHIONS.

No. 804,769.

Specification of Letters Patent.

Patented Nov. 14, 1905.

Application filed July 15, 1905. Serial No. 269,865.

To all whom it may concern:

Be it known that I, CHARLES RODENCAL, a citizen of the United States, residing at Aurorahville, in the county of Waushara and State of Wisconsin, have invented certain new and useful Improvements in Latches for Stanchions; 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 stanchions, and particularly to latches for securing the swinging bar.

It has for its object to provide a simple, cheap, and effective means of locking the swinging bar automatically as soon as it is thrown into place.

The invention consists of the features of construction and combinations of parts hereinafter described, and more particularly indicated in the claims concluding this specification.

In the accompanying drawings, illustrating the preferred embodiment of my invention, Figure 1 is an elevation of a stanchion provided with my improved latch. Fig. 2 is an edge view thereof. Fig. 3 is a top view. Fig. 4 is a broken sectional view on the line *xx* of Fig. 1, and Fig. 5 is a view similar to Fig. 1 with the swinging bar thrown out.

While the preferred embodiment of my invention is illustrated in the accompanying drawings and its construction and operation are described in this specification, the right is reserved to make such changes from the construction shown and described herein as the scope of the claims hereto appended will permit.

Referring more particularly to the drawings, 1 is the stanchion, to the lower horizontal bar 2 of which is hinged or pivoted, as at 3, the swinging bar 4. The upper end of said bar is slightly reduced, as at 5, and is adapted to pass in between projecting portions 5, formed by a notch or slot 6 in the end of the upper horizontal bar 7. To the under surface of said bar 7 is secured a staple 8 of greater width than length, and within this staple is arranged the latch 9. Said latch consists of a flattened bar pivoted through the swinging bar and having a notch 10, adapted to engage the staple to hold the swinging bar in a closed position. At the extreme end of the latch is a projecting lug or finger 11, whereby said latch is retained within the

staple when the swinging bar is thrown out and the outward movement of said bar is limited. The weighted handle 12 is fastened to the end of the latch extending through the swinging bar and is so adjusted with relation to the latch that when said handle drops down by gravity it throws the notch 10 over the staple, and thus automatically locks said swinging bar as soon as it is thrown into place. The projecting lug or finger 11 not only retains the latch-bar in connection with the staple, but also by coming in contact with the upper horizontal bar prevents said latch from being turned completely over where the handle might strike a dead-center and prevent its automatic operation. The swinging bar is easily released, so that it can be swung outward by turning the latch-bar by means of the handle until the notch in said latch-bar is free of the staple.

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

1. The combination with a stanchion having an adjustable bar, of a latch carried by said bar and comprising a flat bar having a notch in its edge, a staple secured to the frame of the stanchion and adapted to be engaged by the notch in said bar, and a weighted handle, for said latch-bar, adapted to normally hold the latter in position so that its notch engages said staple.

2. The combination with a stanchion having an adjustable bar, of a latch carried by said bar and comprising a flat bar having a notch in its edge, a staple, of greater width than height, secured to the frame of the stanchion, said latch extending through said staple, and a weighted handle for said latch adapted to normally hold the latter in position so that its notch engages said staple.

3. The combination with a stanchion having an adjustable bar, of a latch carried by said bar and comprising a flat bar having a notch in its edge, a staple, of greater width than height, secured to the frame of the stanchion, said latch extending through said staple, a weighted handle for said latch adapted to normally hold the latter in position so that its notch engages said staple, and means to retain said latch-bar within the staple when the notch is out of engagement.

4. The combination with a stanchion having an adjustable bar, of a latch carried by said bar and comprising a flat bar having a notch in its edge, a staple, of greater width

than length, secured to the frame of the stanchion; said latch extending through said staple and having a projecting lug on its end forming a stop adapted to engage said staple, 5 and a weighted handle for said latch adapted to normally hold the latter in position so that its notch engages said staple.

5. The combination with a stanchion having an adjustable bar, of a latch carried by 10 said bar and comprising a flat bar having a notch in its edge, a staple, of greater width than length, secured to the frame of the stanchion, said latch extending through said sta-

ple and having a projecting lug on its end confining it within said staple, and a weighted 15 handle for said latch adapted to normally hold the latter in position so that its notch engages said staple, said lug also adapted to contact with the frame of the stanchion to prevent the revolution of said latch. 20

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

CHARLES RODENCAL.

Witnesses:

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