

No. 644,501.

Patented Feb. 27, 1900.

T. CRADDOCK.

ADJUSTABLE CURTAIN ROLLER FIXTURE.

(Application filed Dec. 9, 1899.)

(No Model.)

FIG. 1.

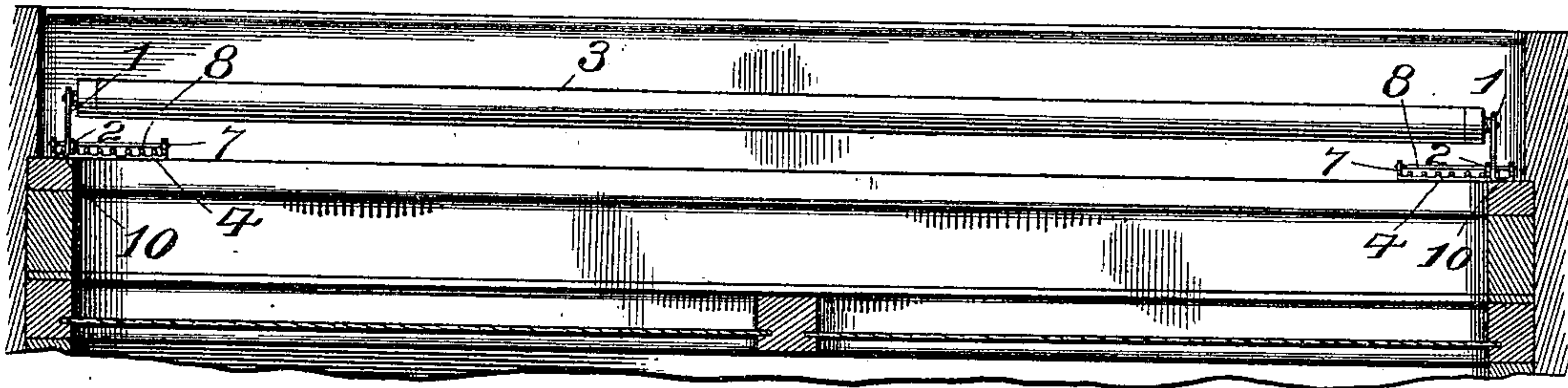


FIG. 2.

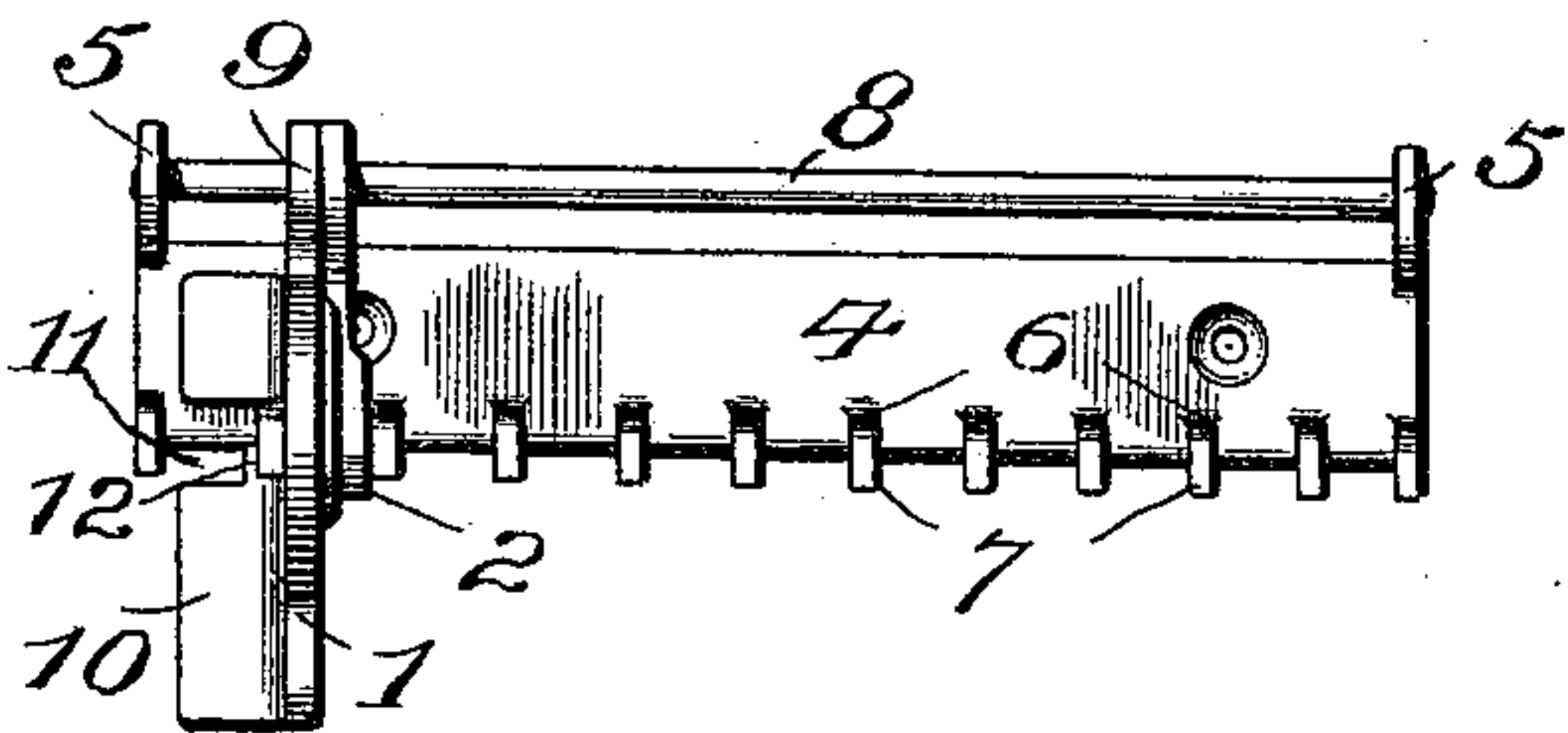


FIG. 3.

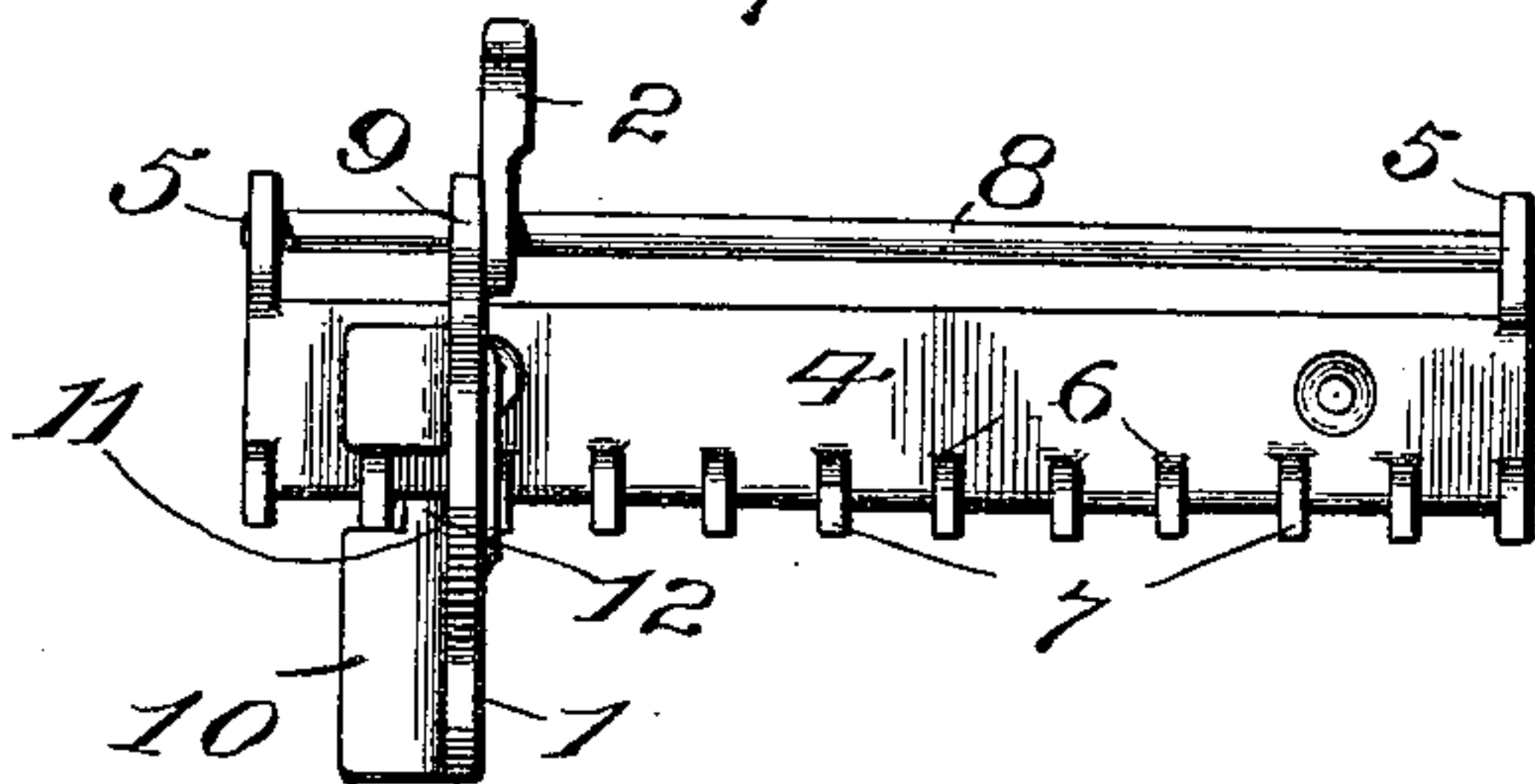


FIG. 4.

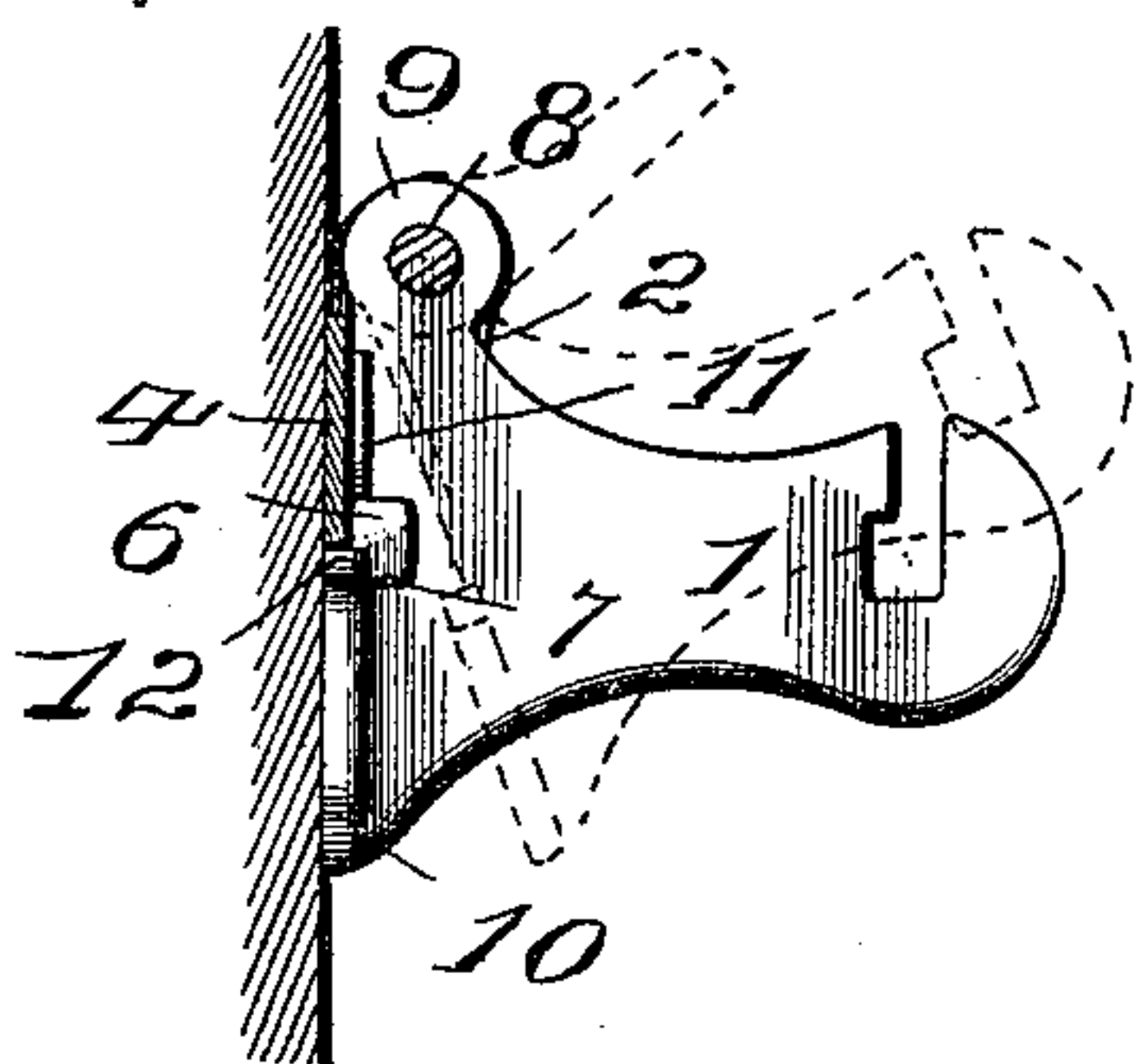


FIG. 6.

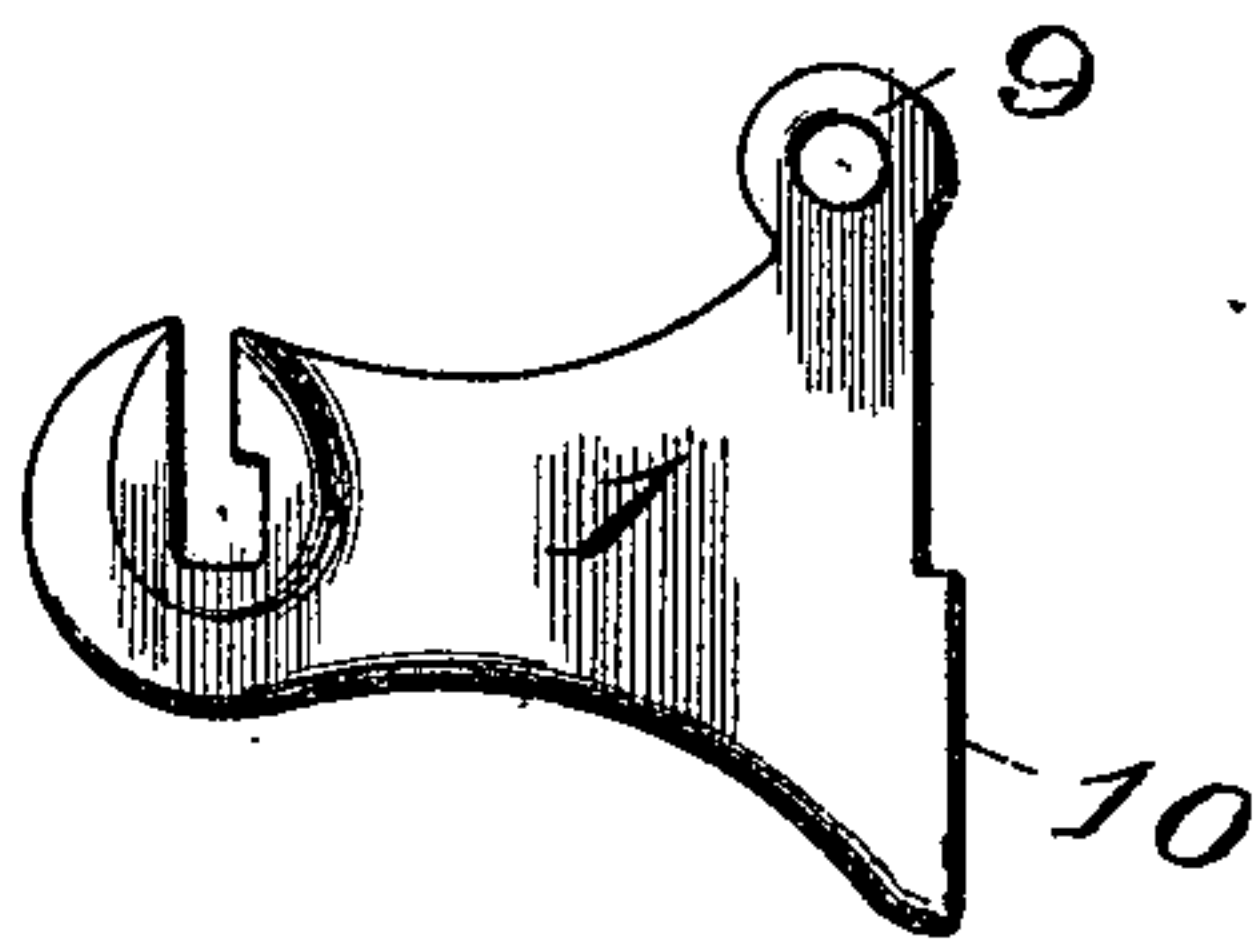
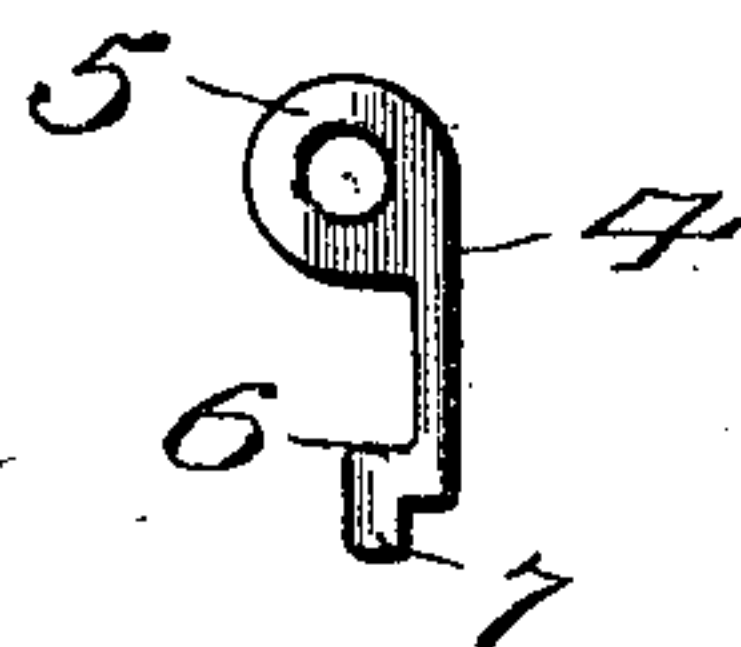


FIG. 5.



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# UNITED STATES PATENT OFFICE.

THOMAS CRADDOCK, OF PROVIDENCE, RHODE ISLAND.

## ADJUSTABLE CURTAIN-ROLLER FIXTURE.

SPECIFICATION forming part of Letters Patent No. 644,501, dated February 27, 1900.

Application filed December 9, 1899. Serial No. 739,849. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS CRADDOCK, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Adjustable Curtain-Roller Fixtures; 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.

This invention relates to curtain-roller fixtures of the adjustable type designed to prevent marring of the casement by changing the brackets to accommodate rollers of different lengths. Fixtures of this class are desirable in property kept for rental, as the tenants can readily change the brackets to accommodate the length of the curtain-rollers without having to remove the permanent fastenings and again replace them, which is attended, as is well known, by a defacement of the trimmings or moldings of the window.

The object of this invention is to combine with the brackets novel locking means for securing them in the required adjusted position and which are capable of easy and ready manipulation.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and to the drawings hereto attached.

While the essential and characteristic features of the invention are necessarily susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a view of a curtain-roller and fixtures embodying the invention as seen from below. Fig. 2 is a front view of a fixture, showing the relation of the parts when the bracket is locked. Fig. 3 is a view similar to Fig. 2, the bracket being released and the dog turned aside. Fig. 4 is a transverse section, the full lines showing the bracket locked and the dotted lines the position of the bracket when released and capable of adjustment in either direction. Fig. 5 is an end view of the base. Fig. 6 is a side view of the bracket.

Corresponding and like parts are referred to in the following description and indicated

in all the views of the drawings by the same reference characters.

The brackets 1 are right and left, respectively, so, also, are the dogs 2, and with this exception the fixtures and adjunctive parts are duplicates in construction. Hence a detailed description of the one only is given. One of the brackets is open and the other closed, this being ordinary, to admit of the curtain-roller 3 being placed in position and removed.

Each fixture consists of a base 4, bracket 1, and dog 2. The base 4 is a plate or casting having terminal ears 5 at one edge and a series of hooked lugs 6 at its opposite edge. The lugs 6 are preferably disposed at the lower edge of the plate and project from the face thereof and have their hooked portions 7 extending beyond the said lower edge of the plate to engage over a portion of the bracket and assist materially in holding it in place. The lugs 6 are regularly spaced and may have any desired form. A rod 8 is secured in the terminal ears 5 and forms a support for the bracket 1 and the dog 2 coöperating therewith.

The bracket 1 has a pivot-ear 9, apertured to receive the rod 8, upon which it is slidably and pivotally mounted, and is provided at one side with a flange 10 in the plane of its lower edge and constituting a base to prevent lateral tipping of the bracket. A notch 11 extends inward from the outer edge of the flange at a point in line with the hooked lugs 6 to admit of a limited lateral movement of the bracket when adjusted, so as to bring a portion of the flange under the projecting hooked part 7 of the adjacent lug. The rear faces of the parts of the flange, separated by the notch 11, are in different relative planes to admit of their bearing against, respectively, the front faces of the base 4 and the trimming to which the base is secured. As clearly shown, the upper portion of the flange has its rear face in the plane of the front face of the base and the lower part has its rear face in the plane of the rear face of said base. The outer end of the notch 11 is of ample width to clear the hooked ends of the studs when turning the bracket on the rod 8, and the inner end is contracted, the projecting portion 12 interlocking with the hooked ends 7 by underrlapping the same.

The dog 2 is pivotally and slidably mounted upon the rod 8, and its free end is thickened



on the side remote from the bracket and, together with the latter, fills the space between adjacent lugs 6. When the dog is turned aside, the bracket can be moved laterally to  
 5 disengage its interlocking portion 12 from the hook 7, when it can be turned on the rod 8 to clear the lugs 6, so as to be slid upon the rod 8 to the required position. When moved to the desired point, the bracket is turned into  
 10 engagement with the base and is moved laterally to bring the projecting part 12 beneath the hook adjacent to the flanged side of the bracket. The dog 2 is now turned upon the base and, together with the bracket, fills the  
 15 space between adjacent lugs and prevents accidental lateral movement of the bracket, which would disengage the part 12 from the hook.

It will be observed that the rod 8 is located  
 20 uppermost, thereby necessitating a swinging of the bracket and dog upward to clear the lugs 6 prior to adjustment. The weight of the bracket and dog holds them in place without requiring other means. The adjustment  
 25 can be easily and quickly effected and the brackets when positioned maintain their place and are not liable to casual displacement.

Having thus described the invention, what is claimed as new is—

30 1. An adjustable fixture for curtain-rollers, comprising a base having a series of spaced lugs longitudinally arranged and formed with projecting portions, and a bracket adjustable upon the base and provided with means to  
 35 positively engage and interlock with the projecting portions of said lugs to hold it in the required position, the interlocking connection being effected by a sliding movement of the bracket, substantially as described.

40 2. An adjustable fixture for curtain-rollers, comprising a base having a series of spaced lugs longitudinally arranged and formed with projecting portions, and a bracket slidable upon the base and mounted to swing toward  
 45 and from the lugs in a plane at a right angle to their line and provided with means to positively interlock with the projecting portions of any one of the lugs by a sliding movement, substantially as specified.

50 3. An adjustable fixture for curtain-rollers, comprising a base having a series of spaced lugs longitudinally arranged, a bracket adjustable upon the base and provided with means to interlock with any one of the lugs  
 55 by a laterally-sliding movement, and a dog to cooperate with adjacent lugs between which the bracket may be located to fix the position of the said bracket, substantially as set forth.

60 4. An adjustable fixture for curtain-rollers, comprising a base having a series of spaced lugs longitudinally arranged, a rod paralleling the line of studs, and a bracket pivotally and slidably mounted upon the rod and adapted to make interlocking connection with any  
 65 one of the series of studs, substantially as described.

5. An adjustable fixture for curtain-rollers, comprising a base having a series of spaced lugs longitudinally arranged, a rod paralleling the line of studs, a bracket pivotally and  
 70 slidably mounted upon the rod and adapted to make interlocking connection with any one of the said studs, and a dog to cooperate with the lugs to fix the position of the bracket, substantially as set forth. 75

6. An adjustable fixture for curtain-rollers, comprising a base having a series of spaced lugs longitudinally arranged, a rod paralleling the line of studs, a bracket pivotally and  
 80 slidably mounted upon the rod and adapted to make interlocking connection with any one of the said studs, and a dog mounted upon the rod to slide and turn thereon and adapted to cooperate with the lugs to hold the bracket in fixed position, substantially as specified. 85

7. An adjustable fixture for curtain-rollers, comprising a base having a series of spaced lugs longitudinally arranged, a bracket adapted to interlock with any one of the lugs by a lateral movement, and a dog to cooperate with  
 90 the bracket and adjacent lugs and with said bracket fill the space between contiguous lugs, substantially as specified.

8. In an adjustable curtain-roller fixture, a base having a longitudinal series of lugs, a  
 95 bracket having its rear side in different planes corresponding with, respectively, the front and rear sides of the base, and means for securing the bracket to the base in an adjusted position, substantially as described. 100

9. In an adjustable curtain-roller fixture, a base having a longitudinal series of hooked lugs, and a bracket having a base-flange notched to clear the lugs, and having a projecting portion to underlap and interlock with  
 105 any lug of the series, substantially as described.

10. In an adjustable curtain-roller fixture, a base having ears and a series of hooked lugs, a rod supported by the ears, a bracket  
 110 pivotally and slidably mounted upon the rod and having a projecting portion to interlock with any one of the lugs in an adjusted position by a laterally-sliding movement, and a dog to secure the bracket when positioned, 115 substantially as described.

11. An adjustable curtain-roller fixture, comprising a base having hooked lugs at one edge, a rod at the opposite edge, a bracket  
 120 slidable and pivotal upon the rod and having a notched basal flange to interlock with any one of the lugs by a lateral movement, and a dog slidably and pivotally mounted upon the rod with the bracket and cooperating with the lugs to hold the bracket in place, substantially 125 as and for the purpose described.

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

THOMAS CRADDOCK. [L. S.]

Witnesses:

JAMES DIMOND,  
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