

No. 855,029.

PATENTED MAY 28, 1907.

J. M. WALSH.
FASTENER FOR VEHICLE CURTAINS AND THE LIKE.
APPLICATION FILED JUNE 21, 1906.

Fig. 1.

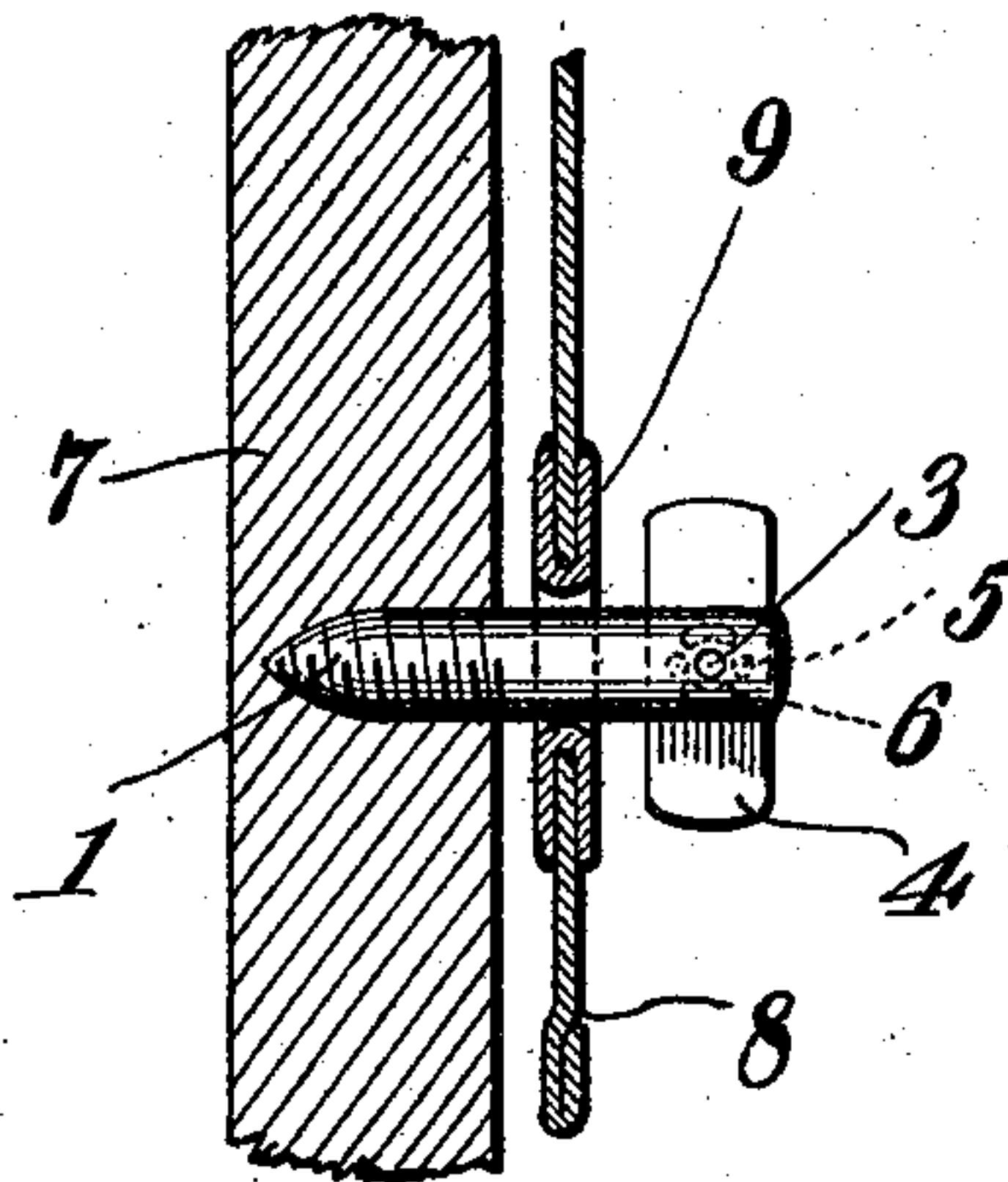


Fig. 2.

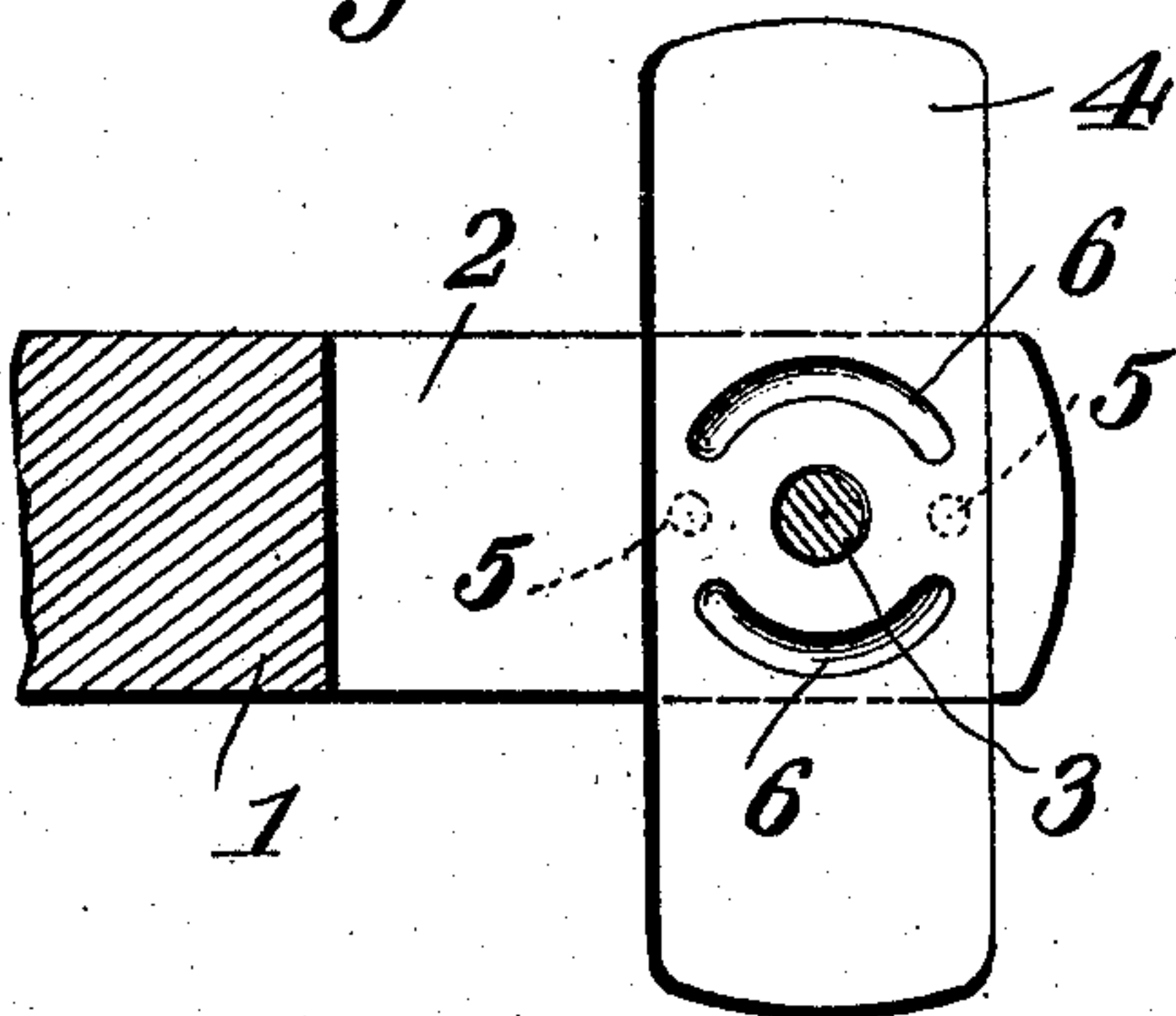


Fig. 4.

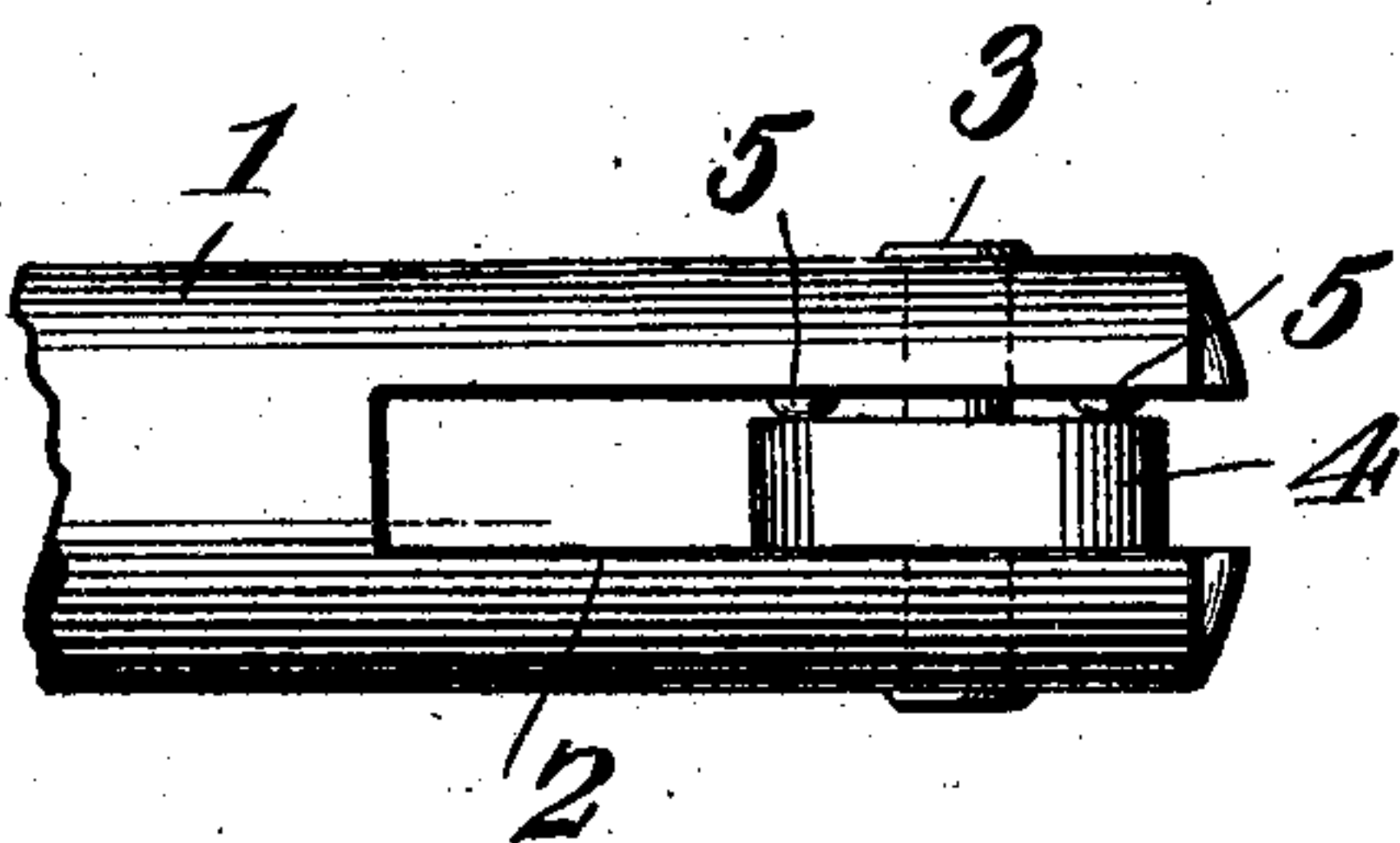
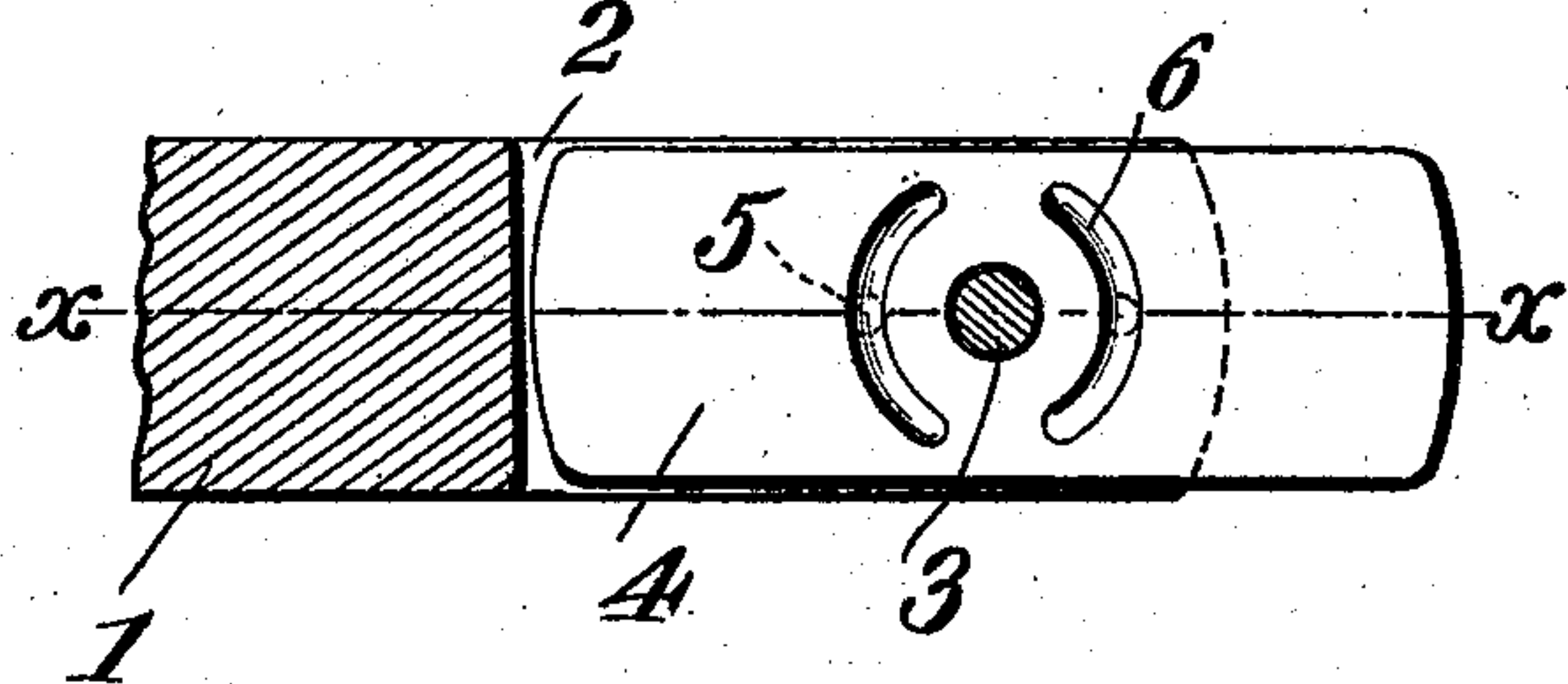
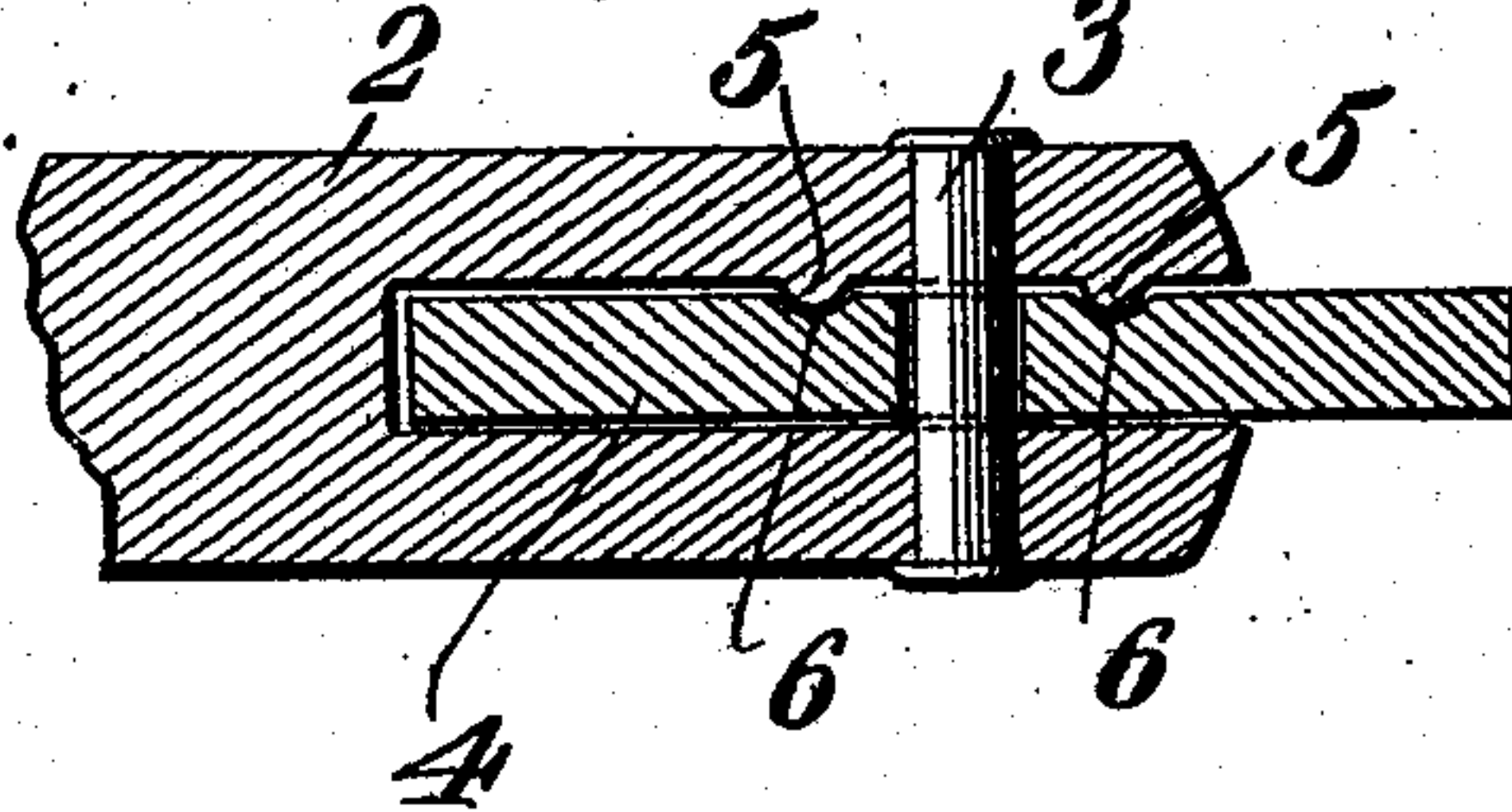


Fig. 3.

Fig. 5.



WITNESSES:
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UNITED STATES PATENT OFFICE.

JOHN M. WALSH, OF HENRICO COUNTY, VIRGINIA.

FASTENER FOR VEHICLE-CURTAINS AND THE LIKE.

No. 855,029.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed June 21, 1906. Serial No. 322,797. (Model.)

To all whom it may concern:

Be it known that I, JOHN M. WALSH, a citizen of the United States, residing in the county of Henrico and State of Virginia, have invented a new and useful Fastener for Vehicle-Curtains and the Like, of which the following is a specification.

This invention relates to fasteners and more particularly to devices of this character for securing vehicle curtains when lowered although the device may be employed for fastening any device in position provided the same contains a suitable fastener receiving eye.

The object of the invention is to provide a forked stem in which is rotatably mounted a head adapted to be swung either into alinement with the stem or at right angles thereto.

Another object is to provide means for binding upon the head only when the same is in the last mentioned position so that it will not readily move into alinement with the stem.

With the above and other objects in view the invention consists of a forked stem which may be in the form of a screw or bolt and within the forked portion thereof is pivotally mounted a head adapted to move either into alinement with or at right angles to the stem.

A lug is formed within the fork and the head is so shaped as to swing freely upon its pivot except when at right angles to the stem in which position the lug binds upon it and holds it against accidental turning.

The invention consists of certain other novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is an elevation of the device applied and showing a curtain and supporting structure in section; Fig. 2 is a section showing the head in locking position; Fig. 3 is a plan view of the parts shown in Fig. 2; Fig. 4 is a view similar to Fig. 2 and showing the head in alinement with the stem; and Fig. 5 is a section on line $x-x$ Fig. 4.

Referring to the figures by characters of reference, 1 is a stem which may be in the form of an ordinary screw or a bolt and one end of this stem is forked as shown at 2. A pivot pin 3 extends through the central portion of the bolt and also through the center of a head 4 which is adapted to swing on said pin to assume a position either within

said fork or at an angle thereto. Arranged upon the inner face of one of the members of the fork are two lugs 5 disposed at points on diametrically opposite sides of the pivot 3. Oppositely disposed similar grooves 6 are formed in one face of the head 4 and are concentric with the pivot 3. These grooves are so disposed that when the head is in position at right angles to the stem the lugs 5 will bear upon said head at points between the adjoining ends of the grooves.

In using this fastener the same may be secured to a portion of a vehicle or other structure 7 and the curtain 8 or other device to be fastened is placed with the eye 9 thereof upon the fastener. It is of course understood that before this can be done it is necessary to swing the head 4 into the fork 2. After the curtain has been placed upon the fastener the head 4 is rotated on its pivot and this movement will be practically frictionless because the lugs 5 are disposed within the grooves 6. When the head assumes a position at right angles to the stem the grooves become withdrawn from the lugs 5 and said lugs therefore bind tightly against the head and hold it frictionally against accidental return movement. As the length of the head 4 is greater than the diameter of the eye 9 it will be obvious that the curtain will thus be securely fastened upon the stem 1. The binding action of the lugs 5 will absolutely prevent the head from being jolted out of locking position.

It will be observed that the fastener is very simple and inexpensive in construction and constitutes an efficient device for securing vehicle curtains and the like.

The preferred form of the invention has been set forth in the foregoing description but I do not limit myself thereto as I am aware that modifications may be made therein without departing from the spirit or sacrificing the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of the claims.

What is claimed is:

1. A fastener comprising a forked stem, a pivot extending therethrough, a head mounted upon and adapted to describe a circle around the pivot and to freely oscillate thereon, said head having straight parallel edges and the width thereof being substantially equal to the width of the fork, said fork being disposed to bind upon the

head at predetermined points during each rotation to retard the movement thereof.

2. A fastener comprising a forked stem, a head mounted to rotate therein and having
5 a groove, and means within the fork for binding upon the head to hold it at a predetermined angle to the stem, said means normally projecting into the groove.

3. A fastener comprising a forked stem, a
10 head pivotally mounted within the fork, said head having oppositely disposed grooves concentric with the pivot, and a lug upon the fork adapted to bind upon the head between the grooves to hold said head at a
15 predetermined angle to the stem, said lug normally projecting into one of the grooves.

4. A fastener comprising a stem, a head pivotally mounted thereon, and having a

groove therein and a lug upon the fork adapted to bind upon the head adjacent the
20 groove, said lug being normally disposed within the groove.

5. A fastener comprising a stem, a head pivotally connected thereto, oppositely disposed grooves within the head and concentric with the pivot, and a lug upon the stem
25 and normally disposed within one of the grooves, said lug adapted to bind upon the head at points between the grooves.

In testimony that I claim the foregoing
30 as my own, I have hereto affixed my signature in the presence of two witnesses.

JOHN M. WALSH.

Witnesses:

E. HUME TALBERT,
M. E. COLLIE.