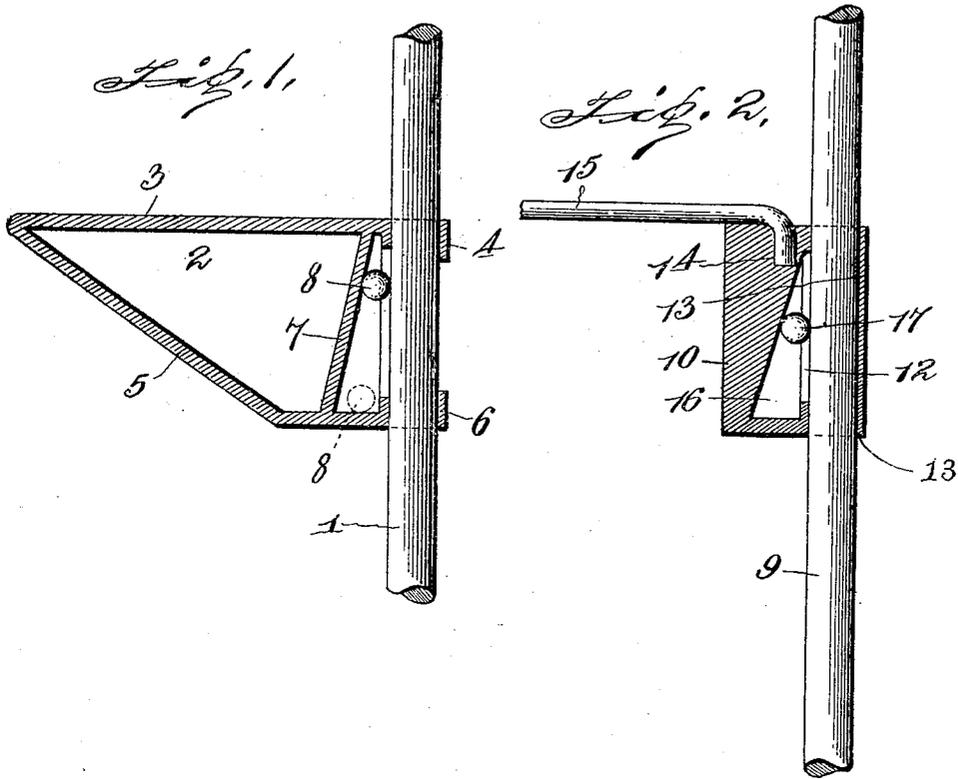


No. 809,448.

PATENTED JAN. 9, 1906.

S. KAHN.
ADJUSTABLE BRACKET.
APPLICATION FILED NOV. 1, 1904.



Witnesses
Jas. A. Boehl.
L. O. Hilton.

Inventor
Solomon Kahn.

By *A. B. Wilson*
Attorney

UNITED STATES PATENT OFFICE.

SOLOMON KAHN, OF CADILLAC, MICHIGAN.

ADJUSTABLE BRACKET.

No. 809,448.

Specification of Letters Patent.

Patented Jan. 9, 1906.

Application filed November 1, 1904. Serial No. 231,016.

To all whom it may concern:

Be it known that I, SOLOMON KAHN, a citizen of the United States, residing at Cadillac, in the county of Wexford and State of Michigan, have invented certain new and useful Improvements in Adjustable Brackets; and I do 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 improvements in adjustable brackets.

The object of the invention is to provide a locking device for adjustable supporting-brackets and display-rods.

A further object is to provide a device of this character which will be simple in construction, efficient and reliable in use, and which may be quickly thrown into a locking position.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is vertical sectional view showing the device applied to an adjustable shelf-bracket, the device being shown in full lines in a locking position and in dotted lines in a position of release. Fig. 2 is a similar view of a display rod-bracket, showing the application of the device thereto.

Referring more particularly to Fig. 1 of the drawings, 1 denotes a supporting-standard on which is slidably mounted a self-supporting bracket 2. Said bracket is here shown as consisting of a horizontally-disposed arm 3, on the inner end of which is formed a sleeve 4. To the bracket-arm 3 is secured a diagonally-arranged brace 5, on the lower end of which is formed a sleeve 6, said sleeves 4 and 6 being slidably engaged with the standard 1 and are preferably connected by means of a hollow wedge-shaped casing 7, which is open on its inner edge adjacent to the standard 1. In the casing 7 is arranged a ball or spherical body 8. When the ball 8 is in the lower larger end of the casing 7, said bracket may be readily slipped upwardly and downwardly on the standard 1, but when said ball is thrown or forced upwardly into the narrow portion of the casing the former will become wedged between the standard 1 and the opposite wall

of the casing, thereby preventing downward movement of the bracket, thus locking the same in any position to which it may be adjusted upon the standard 1. The ball 8 may be thrown from the lower or large end of the casing to the narrow upper portion of the same by means of a sudden downward movement of the bracket and may be released from its wedged position by a quick upward movement of the bracket.

In Fig. 2 of the drawings is shown a portion of a display-rack having applied thereto my improved locking device. The display-rack is here shown as consisting of a supporting-standard 9, on which is slidably mounted a bracket 10, having a sleeve 13 on one side, through which the standard extends. The inner wall of the sleeve has a vertical slot 12. Said bracket has an inclined wall 16 opposite the slotted wall of the sleeve, and in the upwardly-contracting wedge-shaped chamber thus formed in the bracket is a ball 17, the operation of which is the same as that of the ball 8 in Fig. 1. The said bracket has a socket in the upper side to receive the downturned inner end 14 of a display-arm 15, which is carried by and the inner portion of which bears on the upper side of the said bracket.

From the foregoing the construction and operation of my invention will be fully understood. The bracket may be quickly raised and lowered upon the standard and locked in adjusted position by means of the ball or sphere.

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

The combination with a standard, of a bracket having a sleeve adapted to receive the standard, the inner wall of the sleeve being slotted, said bracket having an inclined wall, and a ball located in the bracket between the inclined and slotted walls, said ball being adapted to be thrown into contact with the inclined wall and to project slightly through the slotted wall into engagement with the standard, substantially as described and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

SOLOMON KAHN.

Witnesses:

F. E. ANGEVINE,
S. W. KRAMER.