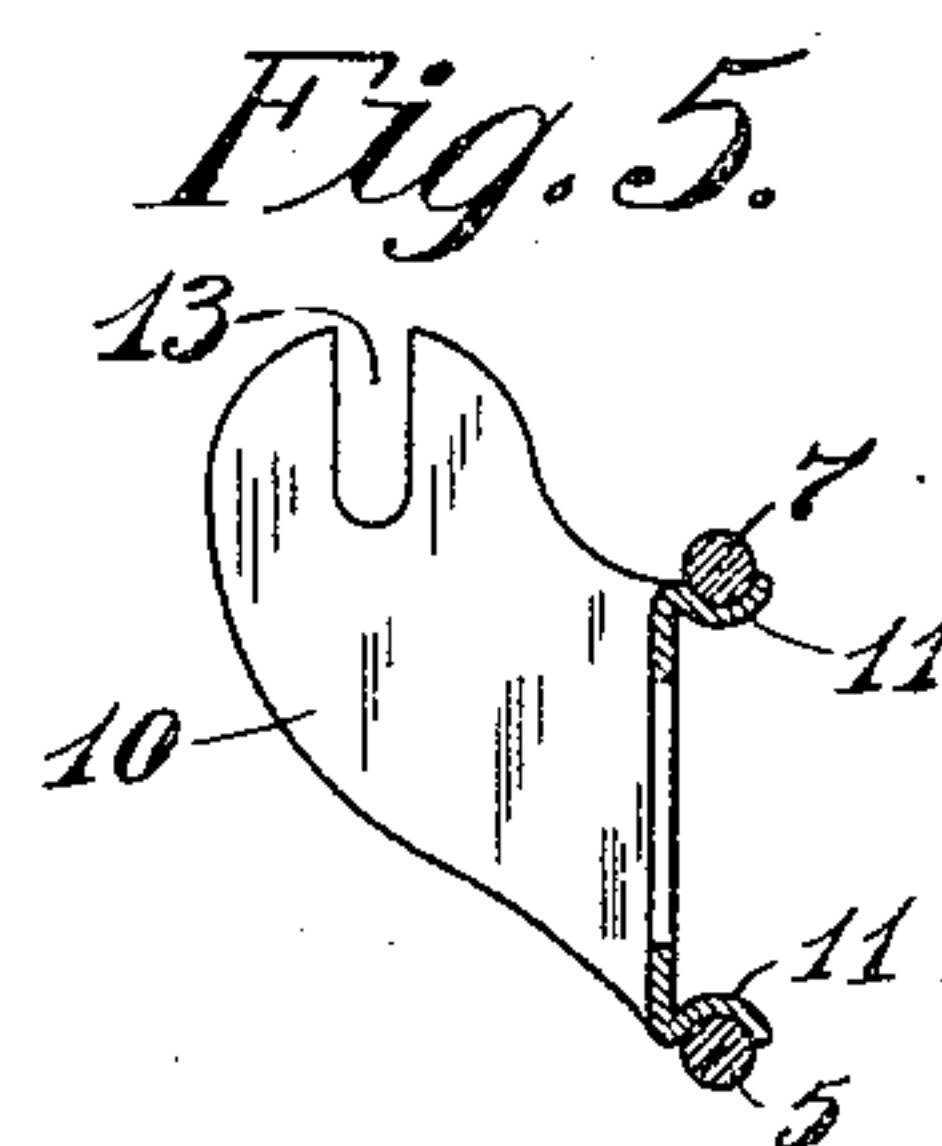
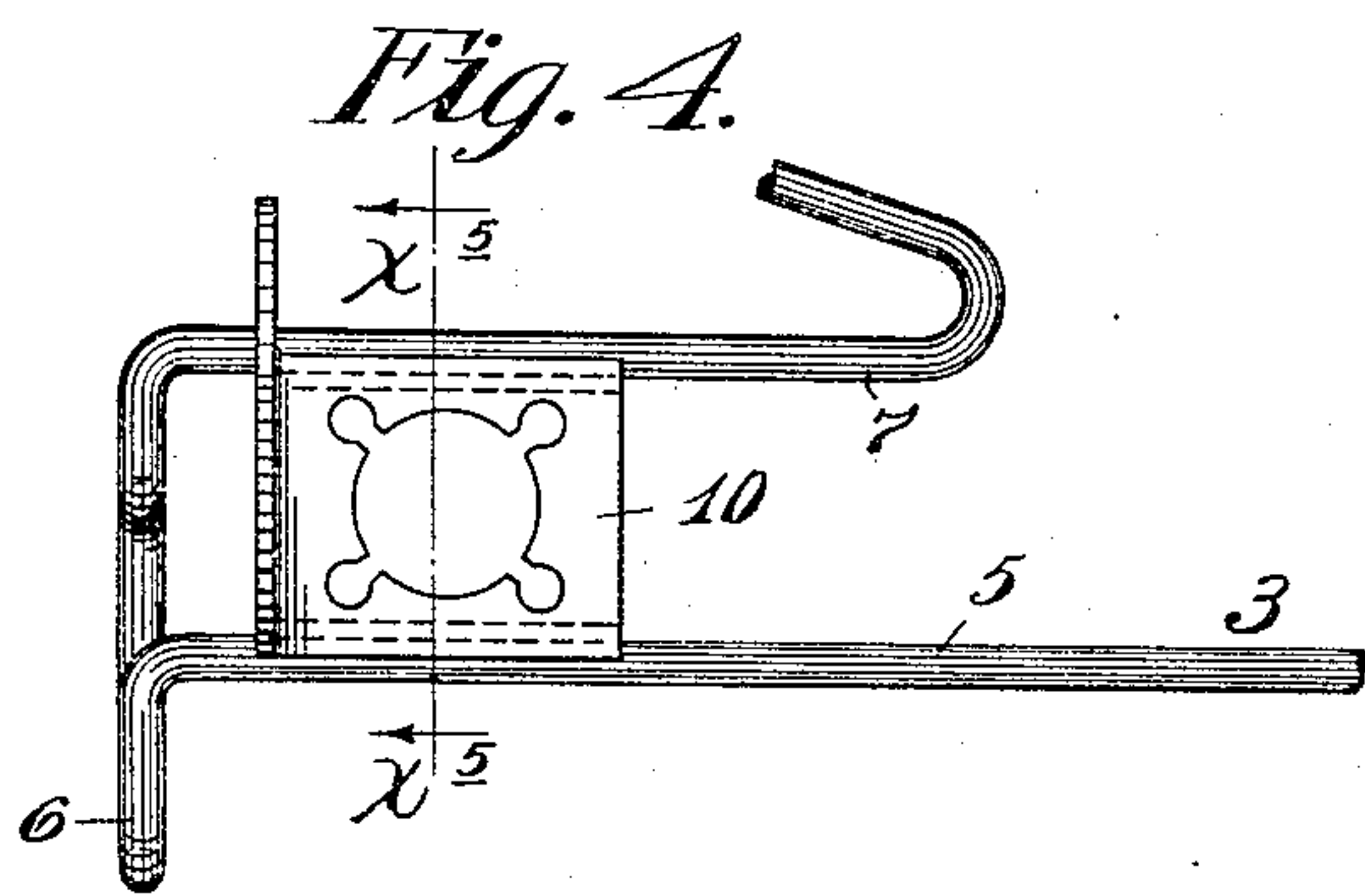
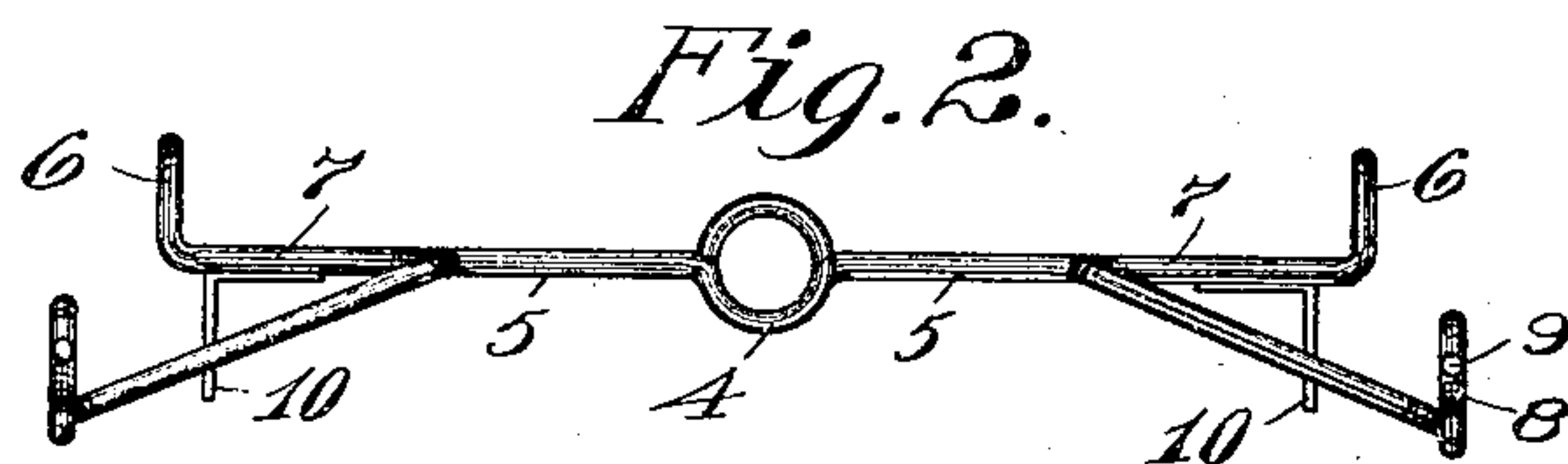
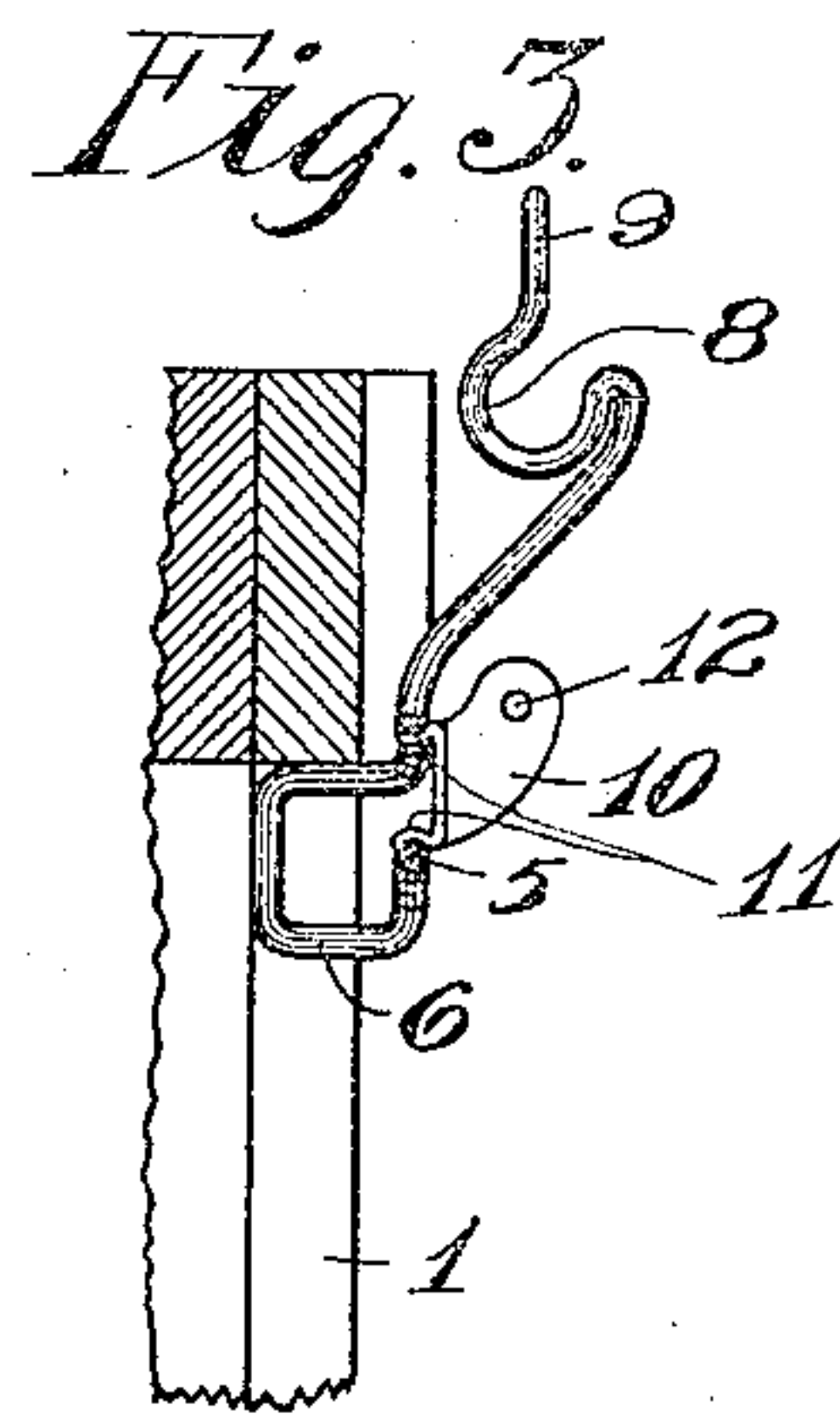
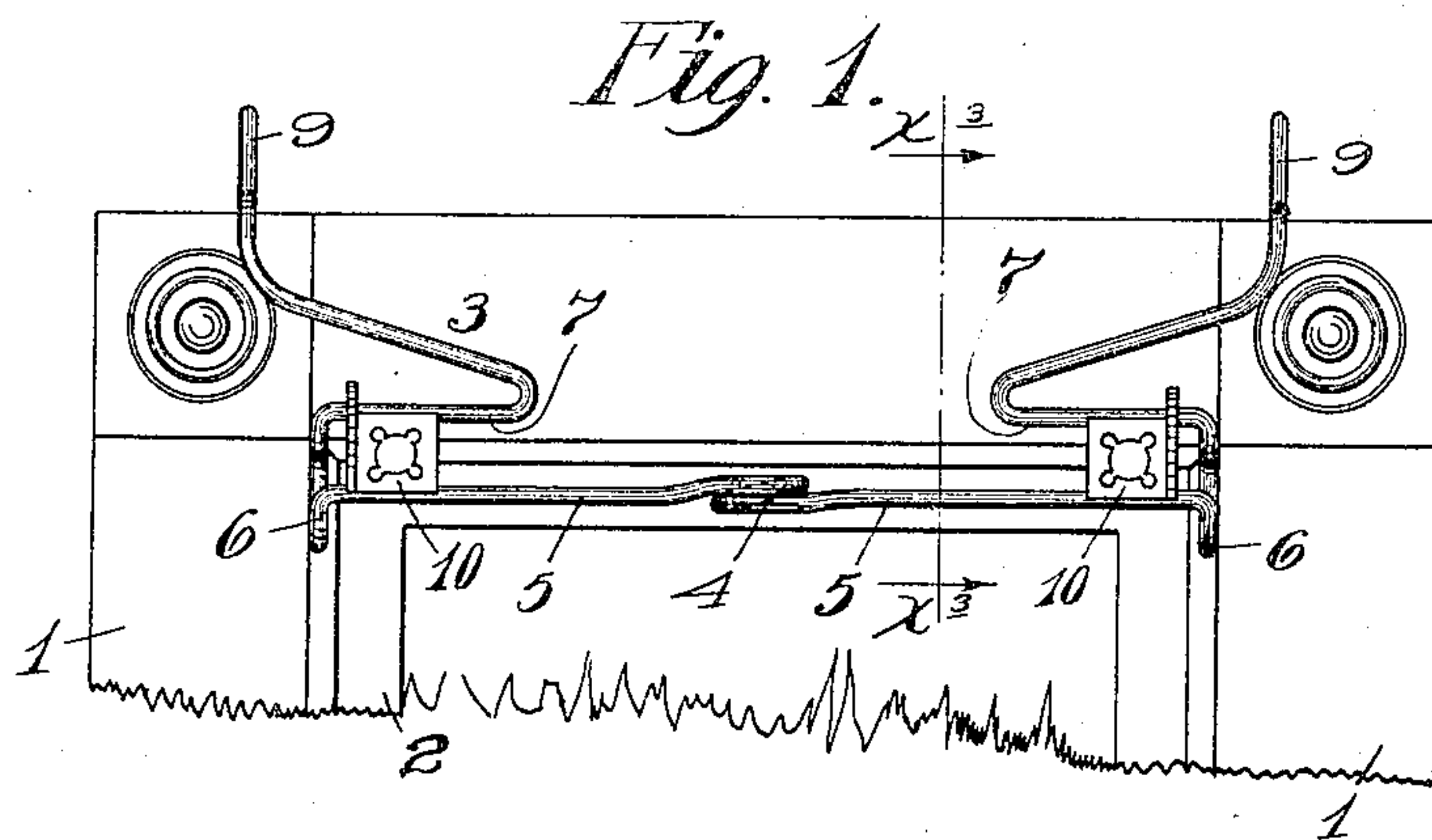


No. 792,328.

PATENTED JUNE 13, 1905.

W. P. GURR.
SHADE AND CURTAIN SUPPORTING BRACKET.

APPLICATION FILED MAY 13, 1904.



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UNITED STATES PATENT OFFICE.

WILLIAM P. GURR, OF MINNEAPOLIS, MINNESOTA.

SHADE AND CURTAIN SUPPORTING BRACKET.

SPECIFICATION forming part of Letters Patent No. 792,328, dated June 13, 1905.

Application filed May 13, 1904. Serial No. 207,730.

To all whom it may concern:

Be it known that I, WILLIAM P. GURR, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Shade and Curtain Supporting Brackets; 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 present invention has for its object to provide an improved shade and curtain supporting bracket adapted for application to a window casing or frame without the use of screws or other devices which deface the casing or frame; and to such ends the invention consists of the novel devices and combinations of devices hereinafter described, and defined in the claims.

The present device is in the nature of a modification of the device set forth and broadly claimed in a companion application filed by me of even date herewith and entitled "Shade and curtain supports."

The present invention is illustrated in the accompanying drawings, wherein like characters indicate like parts throughout the several views.

Figure 1 is a view in elevation looking at the inner face of a window and showing one of my improved shade and curtain supporting brackets applied in working position. Fig. 2 is a plan view of the supporting-bracket removed from working position. Fig. 3 is a vertical section on the line $x^3 x^3$ of Fig. 1. Fig. 4 is an enlarged view, in front elevation, showing one end portion of a bracket, other parts being broken away; and Fig. 5 is a vertical section on the line $x^5 x^5$ of Fig. 4.

The numeral 1 indicates the casings and the numeral 2 the sash of an ordinary window, parts of which are broken away.

The numeral 3 indicates as an entirety the section of heavy spring-wire which is bent at its central portion to form a spring-coil 4, having oppositely-projecting thrust-rod extensions 5, which at their outer extremities are bent to form laterally-projecting presser-feet 6. Said wire 3 beyond the presser-feet

6 is bent inward to afford guide-rod sections 7, that extend parallel to the thrust-rods 5 for a portion of their length. At the extremities of the guide-rods 7 the wire 3 is bent again outward or away from the coil 4, and is then bent upward to form seats 8 and supporting-fingers 9, for purposes which will presently appear. The thrust-rods 5 must be of such length that the presser-feet 6 under the tension of the coil 4 will be firmly pressed against the inner edges of the vertical casings 1. However, the elasticity of the said coil 4 will permit the device to be applied to the casings of windows which vary somewhat in width.

To support the shade-roller, bearing-lugs 10 are provided, which lugs have grooved flanges 11, that engage frictionally with the guide-rods 7 and the underlying outer ends of the thrust-rods 5. Said outer ends of the thrust-rods therefore also serve as guide-rods. One of the bearing-lugs 10 is provided with a round perforation 12, which is adapted to receive the round trunnion of the shade-roller, while the other bearing-lug 10 is provided with a slot 13, that is adapted to receive the flat trunnion of the shade-roller. The bearing-lugs 10 are thus mounted for adjustments toward and from each other to adapt the device to support rollers of different length.

When a curtain-rod having perforated ends is to be supported, the fingers 9 are passed through the perforations of said rod. When, however, a curtain-rod without perforated ends is to be supported, it may be rested in the seats 8.

The device described while extremely simple and of small cost is efficient for the purposes had in view, is capable of being applied in working position and removed therefrom very quickly, and will not mar or deface the casing. The said device is capable of modification within the scope of my invention as herein set forth and claimed.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. A support for window curtains, shades, &c., comprising a spring-metal thrust-rod of proper length to extend from one window-

casing to the other, bent to form pressure-feet, and an intermediate spring-section, said spring-section serving to press said feet against the casing and a roller-supporting bracket on
5 each end, substantially as described.

2. A support for window curtains, shades, &c., comprising a spring-metal thrust-rod of proper length to extend from one window-casing to the other, bent to form pressure-
10 feet, and an intermediate spring-section, said spring-section serving to press said feet against the casing, and a pair of roller-supporting bearings, supported by and adjustable with respect to said thrust member, substantially
15 as described.

3. A support for window shades, curtains, and so forth, comprising the spring-rod bent to form the coil 4, the thrust-rods 5, the presser-feet 6 and guide-rods 7, the roller-

bearing lugs 10, having grooved flanges 11 20 frictionally engaging said guide-rods 7 and the ends of said thrust-rods 5, substantially as described.

4. A support for window shades, curtains, and so forth, comprising a spring-wire bent 25 to form the coil 4, the thrust-rods 5, the presser-feet 6, the guide-rods 7, and curtain-rod-supporting extensions 8 9, and the roller-supporting bearing-lugs 10, having the grooved flanges 11 frictionally engaging said 30 guide-rods 7 and the outer portions of said thrust-rods 5, substantially as described.

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

WILLIAM P. GURR.

Witnesses:

R. C. MABEY,

F. D. MERCHANT.