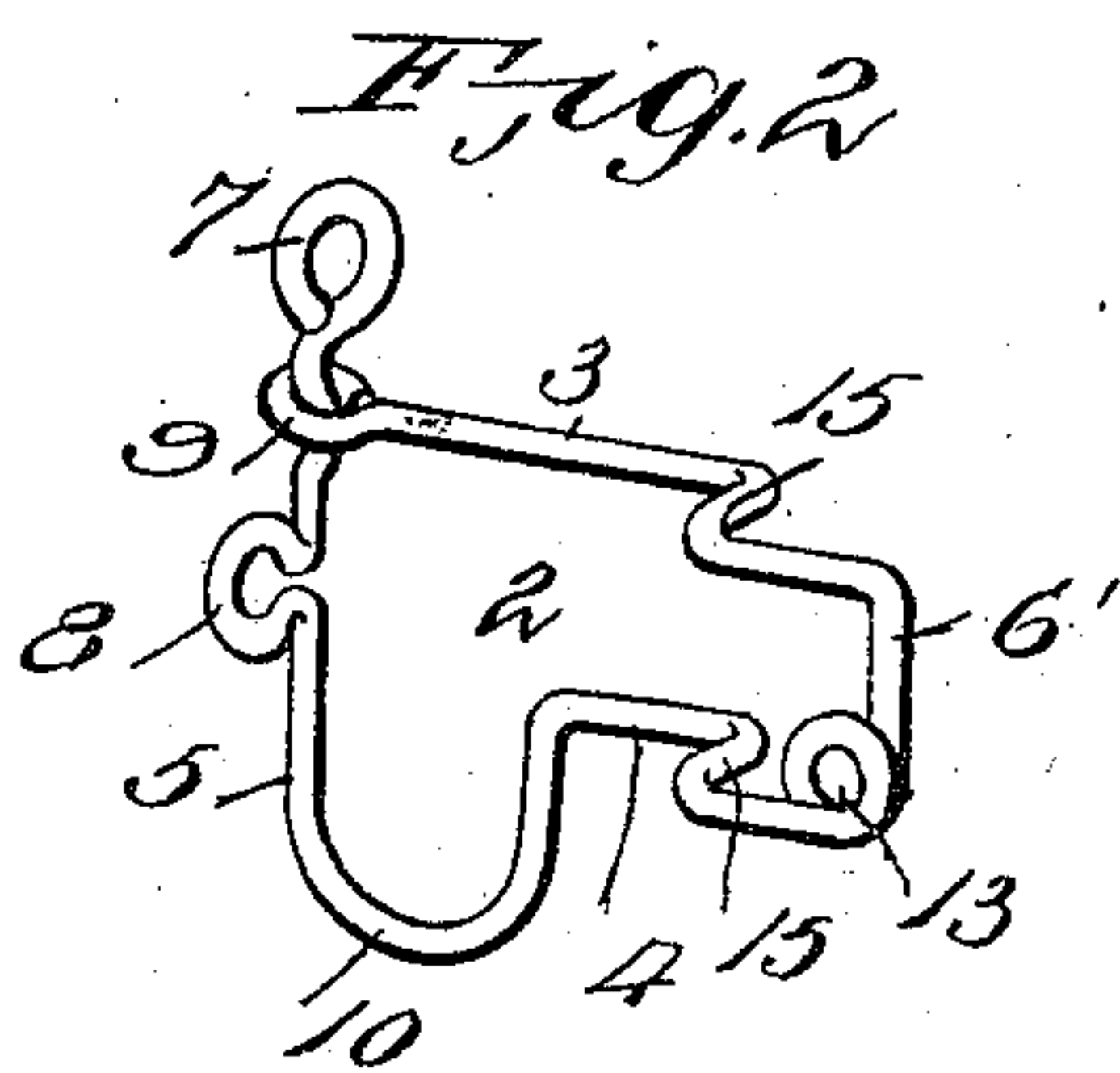
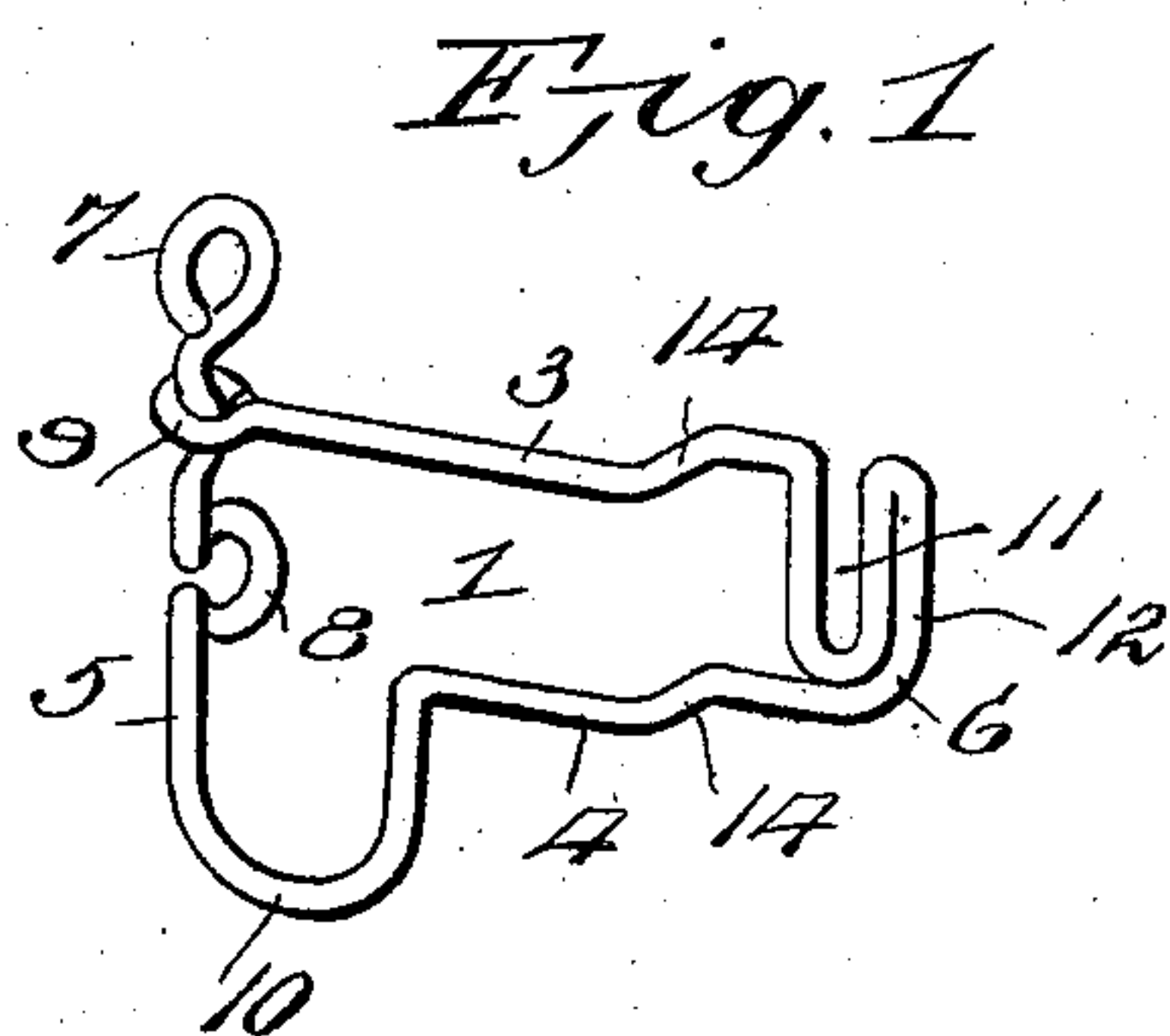


No. 847,100.

PATENTED MAR. 12, 1907.

C. F. NICHOLSON.
SHADE AND CURTAIN BRACKET.
APPLICATION FILED NOV. 3, 1906.



Witnesses

Frank Hough

C. C. Hines.

Charles F. Nicholson

Inventor

By

Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

CHARLES F. NICHOLSON, OF PENN GROVE, NEW JERSEY.

SHADE AND CURTAIN BRACKET.

No. 847,100.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed November 3, 1906. Serial No. 341,939.

To all whom it may concern:

Be it known that I, CHARLES F. NICHOLSON, a citizen of the United States of America, residing at Penn Grove, in the county of Salem and State of New Jersey, have invented new and useful Improvements in Shade and Curtain Brackets, of which the following is a specification.

This invention relates to improvements in shade and curtain brackets, and is designed to provide a simple and effective construction of bracket which can be cheaply manufactured from a single piece of wire and which may be employed for supporting both a shade-roller and a curtain-rod.

In the accompanying drawing, Figure 1 is a perspective view of the bracket for supporting the angular end of the spring-shaft of the shade-roller. Fig. 2 is a similar view of the companion bracket adapted to support the journal end of the shade-roller.

Referring to the drawing, the numerals 1 and 2 designate companion brackets for supporting the opposite ends of a shade-roller and curtain-pole. The bracket 1 is constructed of a single piece of wire bent to form an upper arm 3, a lower arm 4, said arms being horizontally arranged, a vertical rear arm 5, and a supporting portion 6. The arm 5 extends within the arm 3 and is provided above and below the same with eyes 7 and 8 for the passage of fastenings to secure the bracket to the window-frame, while the arm 3 is formed at its rear or free end with an eye 9, engaging said arm 5 between the eyes 7 and 8, whereby the terminals of the wire composing the bracket are connected. The lower arm 4 is bent downward at its point of junction with the arm 5 to provide a loop 10, designed to serve the function of a holder for one end of a curtain-rod. The supporting portion 6 is formed between the forward ends of the arms 3 and 4, the wire being looped at such point to provide a slotted holder 11 for the reception of the angular end of the spring-shaft of the shade-roller. In the production of this slot the arm 4 is bent upwardly, as indicated at 12, while the arm 3 is bent downwardly and then upwardly into connection with the part 12 to provide a U-shaped bend forming a slotted holder. The bracket 2 is generally similar in construction to the bracket 1; but its supporting portion 6' has the wire composing a portion thereof coiled to form an eye or bearing 13 for the trunnion on the opposite end of the shade-roller. It

will be observed that the supporting portion is here shown substantially in the form of a U-shaped loop, the extremities of which connect with the arms 3 and 4. Preferably the brackets 1 and 2 are respectively provided with lateral offsets 14 and 15 to project the supporting elements 11 and 13 inwardly at one side beyond the plane of the body portions of the brackets. By this construction the brackets may be secured on the inner faces of the jambs of the window-frame to support comparatively narrow window-shades and curtain-rods in an effective manner, as the supporting portions of the brackets will lie a sufficient distance from the frame to form intervening spaces into which the angular end of the spring-shaft at one end of the roller and the journal on the other end of the roller may project.

It will be seen that the construction is such as to permit of the effective manufacture of the bracket from a single piece of wire in a ready and convenient manner, whereby the minimum cost of production is insured. By means of the portions 10 an upper rod may be supported from the brackets for the use, in conjunction with the shade, of lace or other curtains hung from the rod and suitably attached at their lower ends to the window-frame.

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

1. A bracket of the character described comprising a single piece of wire bent to form an upper horizontal arm having an eye at the rear end thereof, a lower horizontal arm, a vertical attaching-arm extending through the eye of the upper horizontal arm and provided above and below the same with attaching members, a looped portion connecting the rear end of the lower horizontal arm to the lower end of the vertical arm, a supporting portion arranged at and connecting the forward ends of said horizontal arm and offset from the plane thereof.

2. A bracket of the character described comprising a single piece of wire having one of its ends arranged to form an upper horizontal arm having an eye at the rear free end thereof, and its opposite end arranged to form a vertical attaching-arm extending upwardly through said eye and provided with attaching members above and below the same, the intermediate portion of the wire being bent to provide a lower horizontal arm, a depending looped portion connecting the

rear end of said arm with the lower end of the lower arm, and a supporting portion arranged at and joining the forward ends of the horizontal arms.

5 3. A bracket of the character described comprising a single piece of wire bent to form a supporting portion and upper and lower arms, the upper arm being provided at its rear end with an eye, and a vertical attaching-arm extending upwardly from the rear
10 end of the horizontal arm through said eye and provided above and below the same with attaching members.

15 4. A bracket of the character described comprising a single piece of wire bent to form upper and lower horizontal arms, one longer than the other, the upper horizontal arm be-

ing provided at its rear end with an eye, a vertical attaching-arm extending upwardly through the eye and provided above and be- 20 low the same with attaching portions, a depending looped portion connecting the rear end of the lower horizontal arm with the lower end of the vertical attaching-arm, and a supporting portion arranged at and con- 25 necting the forward ends of the horizontal arms, said portion being offset from the plane of the said arms.

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

CHARLES F. NICHOLSON. [L. s.]

Witnesses:

LESLIE WOOD,

JOHN H. VOGEDING.