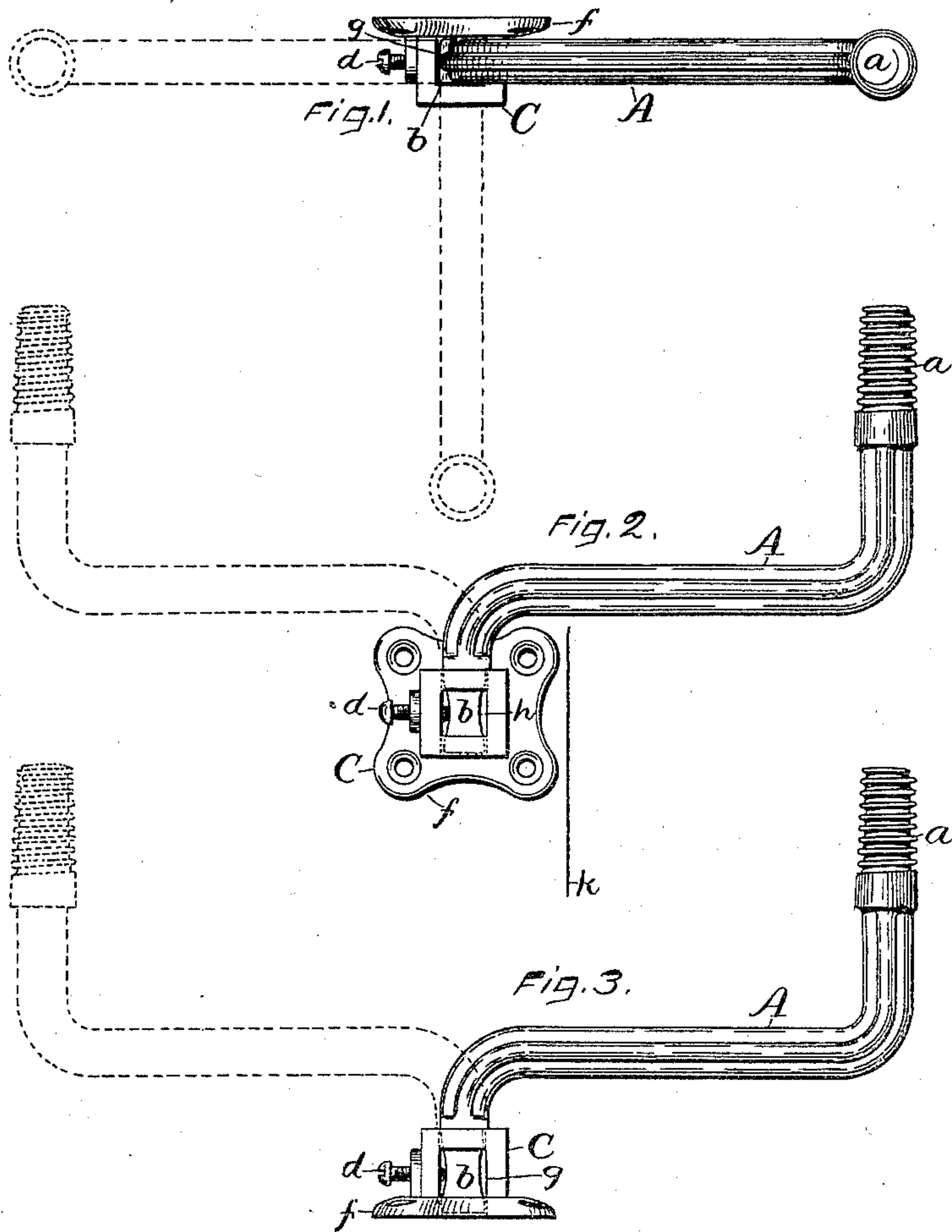


(No Model.)

T. H. BRADY.
ADJUSTABLE SUPPORT FOR ELECTRIC WIRES.

No. 453,036.

Patented May 26, 1891.



Witnesses.
John Edwards Jr.
Rev. H. Whiting.

Inventor.
Thomas H. Brady.
By James Shepard. Atty.

UNITED STATES PATENT OFFICE.

THOMAS H. BRADY, OF NEW BRITAIN, CONNECTICUT.

ADJUSTABLE SUPPORT FOR ELECTRIC WIRES.

SPECIFICATION forming part of Letters Patent No. 453,036, dated May 26, 1891.

Application filed February 18, 1891. Serial No. 381,838. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. BRADY, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Adjustable Bracket-Arms for Supporting Electric Wires, of which the following is a specification.

My invention relates to improvements in adjustable bracket-arms for supporting electric wires; and the object of my improvement is to adapt the bracket for use as a right or left hand bracket, a hanging or standing bracket, and in various places without the necessity for making special brackets for different uses.

In the accompanying drawings, Figure 1 is a plan view of my bracket with the bracket-arm in full lines as extending to one side and with two other positions for said arm indicated by broken lines. Fig. 2 is a front view of the same with one position for the bracket-arm indicated by broken lines, and Fig. 3 is a side elevation of the same with the bracket-arm and socket-piece arranged for use as a standing bracket.

A designates a bracket-arm, having at its outer end a pin *a*, preferably threaded to receive and hold an ordinary insulator for the attachment of electric wires. The inner end of said bracket-arm is provided with a squared shank *b*, that extends at right angles to the body of said arm, as shown. It also preferably has hollowed or recessed sides, as shown, for the end of the set-screw *d* to enter and furnish additional security against accidental displacement.

C designates the socket-piece, having a base flange *f*, provided with screw-holes to facilitate fastening in place by screws. The body of the socket-piece has a square socket *g* extending through it in a direction parallel to that of said base, and a second socket *h* extending through it at right angles to said base and socket *g*. The set-screw *d*, before named, extends through the body of the socket-piece at one side of said sockets, so that its inner end enters both sockets at the point where they cross each other.

While I have illustrated the sockets as square in cross-section or end view and the shank as squared, it should be noticed that this is for the purpose of preventing the arm from turning within the socket, and a spline and grooves or other known equivalent form

to prevent one part from turning within another may be employed for said square form and will be considered as an equivalent therefor.

When the bracket is to be used on a vertical wall, the socket-piece is secured with its base resting against the side of the building or other vertical support near the side, edge, or corner and the bracket-arm inserted therein. If near the right-hand edge of said wall, for instance, as indicated by the edge *k* in Fig. 2, the shank of the bracket-arm may be placed in the socket *g*, with the arm projecting beyond said edge and side of the building, and if the bracket should be placed near the opposite edge the arm would be put into the socket projecting in the opposite direction, as indicated in Figs. 1 and 2 by broken lines. If the bracket is to be placed near the middle of the side of the building, then the arm may be placed in the socket so as to stand at right angles to said side and base of the bracket, as also indicated by broken lines in Fig. 1. If desired to fasten the base-plate on the top of the roof or other top surface or on the under side of a horizontal surface, as the under side of a cornice, the arm may be placed in the socket *h*, as shown in Fig. 3. In each case after the arm is placed in the socket-piece the set-screw will be tightened to secure said arm in place.

I claim as my invention—

1. A bracket for supporting wires, consisting of a socket-piece having a base to facilitate fastening in place, a socket extending in a direction parallel to said base, and a second socket extending substantially at right angles to said base, and a bracket-arm having a pin at its outer end for holding an insulator, a shank to fit said socket at its opposite end, and an angular body between said pin and shank, substantially as described, and for the purpose specified.

2. A bracket for supporting wires, consisting of a socket-piece and arm, the shank and socket of which have a form designed to prevent turning and adapting the shank to be inserted and held in position with the bracket-arm extending in different directions from said socket, substantially as described, and for the purpose specified.

THOMAS H. BRADY.

Witnesses:

JAMES SHEPARD,
JOHN EDWARDS, Jr.