

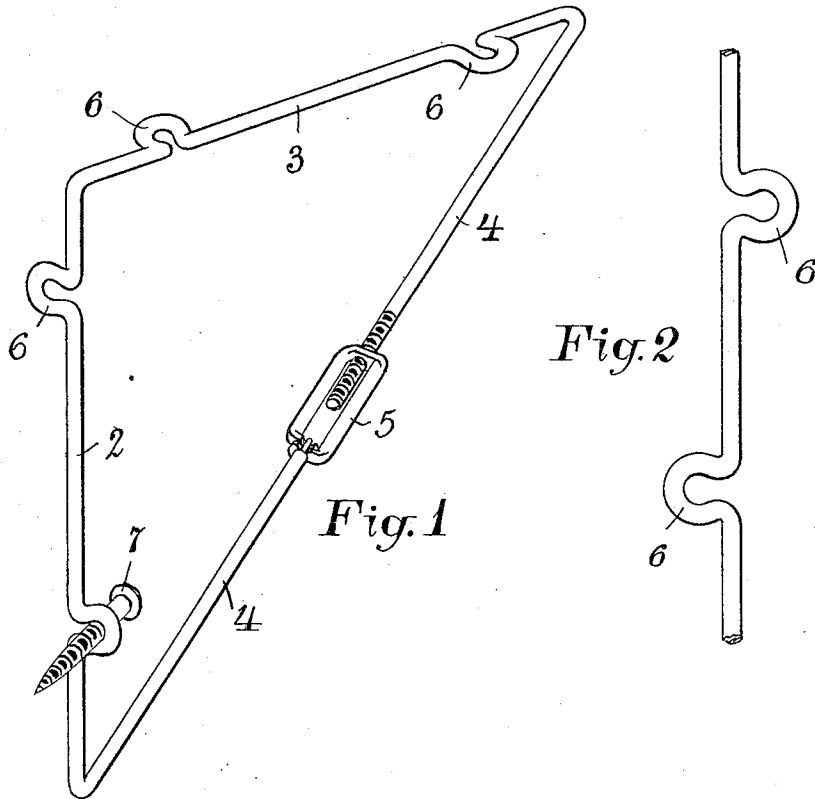
F. E. WALDEN.

BRACKET.

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936,061.

Patented Oct. 5, 1909.



Witnesses,
E. H. Harte
M. W. Lapham.

Inventor,
Frederick E. Walden;
By A. B. Lapham,
Attorney.

UNITED STATES PATENT OFFICE.

FREDERICK E. WALDEN, OF WORCESTER, MASSACHUSETTS.

BRACKET.

936,061.

Specification of Letters Patent.

Patented Oct. 5, 1909.

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To all whom it may concern:

Be it known that I, FREDERICK E. WALDEN, a citizen of the United States, residing in the city and county of Worcester and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Brackets, of which the following is a specification.

In putting up open-plumbing wash basins, water tanks, shelves and the like, it is very difficult to get the same perfectly true, either on account of the supporting wall's being out of plumb, or the brackets used for the purpose are not perfectly square, or for other reasons.

The object of this invention is the construction of a bracket therefor which shall be capable of having its members relatively adjustable to a limited extent, and so of enabling the basins, tanks or shelves to be made accurately horizontal. In addition to this feature of adjustability, I have devised a bracket which can be formed wholly of wire, and so made of minimum expense.

Referring to the drawings forming part of this specification, Figure 1 is a perspective view of a bracket made in accordance with my invention. Fig. 2 is a face view of a part of one of the bracket-members, showing the eyes by means of which the same can be secured to the wall or article supported.

To render the bracket adjustable as above set forth, I prefer to have the vertical member 2 and the horizontal member or arm 3 either flexibly or pivotally united at their juncture, and have their outer ends joined by a brace 4 which can be adapted for pressing such ends farther apart or drawing them closer together.

To make such an adjustable bracket comparatively inexpensive, I prefer to manufacture the same almost entirely of heavy wire, as illustrated in Fig. 1, and hereinafter set forth. In thus constructing the bracket, I take a single length of heavy metal wire rod of suitable gage for the purpose to which it is designed, and bend the same at its mid-length at an angle of ninety degrees, while its terminal sections are bent at acute angles into alinement with each other. The end of one of these terminal sections is threaded, while the other is shouldered, and the turn buckle 5 is applied thereto. This turn buckle is composed of a length of wire bent into a

rectangular form, with its short bend drilled and tapped to fit said threaded terminal. The two overlapping ends or feet opposite to and parallel with said tapped bend, are drilled for the reception of the end of the other terminal section, which is shouldered to fit one or more of said ends. By thus having both said feet entered by the shouldered terminal section, and giving the two legs or longer sides of the turn buckle a normal pressure toward or from each other, a frictional resistance to turning is thereby caused between said terminal and the feet, which effectually keeps the turn buckle from accidentally turning and causing the bracket to lose its position of adjustment.

In both the intermediate sections 2 and 3, I prefer to form eyes for the reception of the fastening screws or nails 7; each such eye being made by giving the wire at such point a lateral sharp bend out, and then around in somewhat more than a semi-circle, and thence with a sharp bend on in alinement with the portion of the wire immediately preceding such bends; all the eyes of each section being in the same plane with the body of the wire and with themselves.

In using this adjustable bracket, the two or more required for the support of a tank, wash basin or other article, are first screwed to the wall or partition to which such article is to be attached, and then such article placed upon the horizontal arms 3. The turn buckles 5 are then turned up or down until the said article is found to be properly supported, and the work is done. If the arms 3 are to be screwed or nailed to the under side of the article, I prefer to do this after the adjusting is done; although in some cases it will be necessary to give a slight adjustment to the brackets after they have been fastened to the article supported thereby, in order to make the same perfectly true in position.

What I claim as my invention and for which I desire Letters Patent is as follows, to wit:

A bracket comprising a length of wire bent to compose vertical and horizontal arms and terminating in brace-sections, and a turn-buckle uniting the ends of said brace-sections; said turn-buckle being composed of a length of wire bent into a rectangular loop with its ends overlapping; said overlapping

ends being apertured; the end of one brace-
section being shouldered to fit said aper-
tures, and the other end being threaded; and
the part of said turn-buckle opposite to its
5 overlapping ends being apertured and in-
ternally threaded to fit said threaded end of
the brace-section.

In testimony that I claim the foregoing
invention, I have hereunto set my hand this
11th day of August, 1908.

FREDERICK E. WALDEN.

Witnesses:

A. B. UPHAM,
C. H. WALDEN.