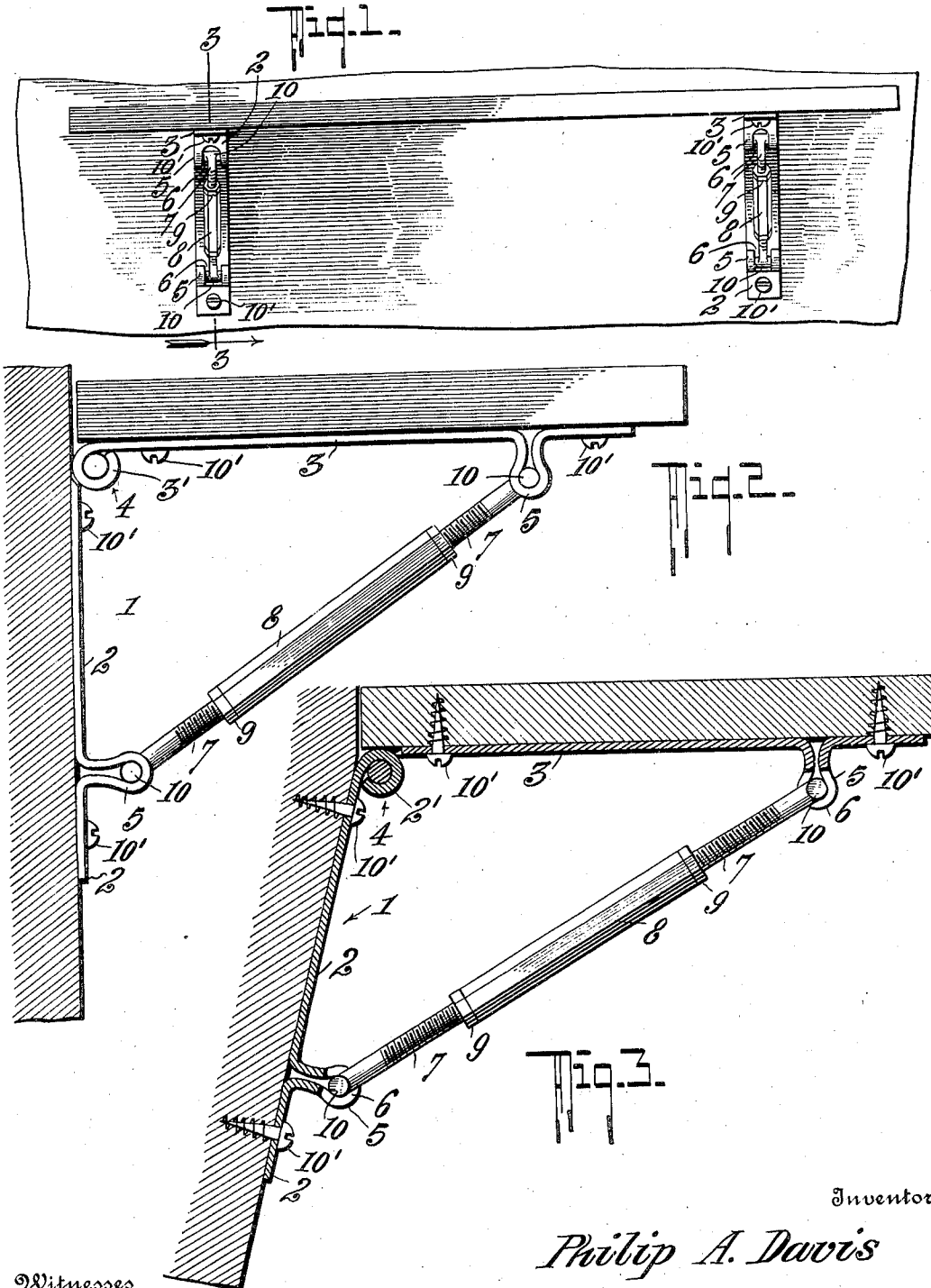


P. A. DAVIS.
ADJUSTABLE BRACKET.
APPLICATION FILED NOV. 26, 1913.

Patented July 7, 1914.

1,102,480.



Inventor

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Witnesses

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PHILIP A. DAVIS, OF BISBEE, ARIZONA.

ADJUSTABLE BRACKET.

1,102,480.

Specification of Letters Patent.

Patented July 7, 1914.

Application filed November 26, 1913. Serial No. 803,196.

To all whom it may concern:

Be it known that I, PHILIP A. DAVIS, a citizen of the United States, residing at Bisbee, in the county of Cochise and State of Arizona, 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 and the primary object of the invention is to provide a device of this character by means of which shelves, or other articles, such as kitchen sinks, may be maintained in a truly horizontal position in spite of irregularities in the wall or support to which it is to be applied.

A secondary object is to provide a device of this character which will be simple, strong and efficient in operation and well adapted to the purpose for which it is designed.

With the above objects in view, the invention resides in certain novel features of structure herein described and claimed and shown in the drawings, wherein:—

Figure 1 is an edge view of a shelf supported by a pair of my improved brackets, Fig. 2 is an end view thereof, and Fig. 3 is a vertical section on an enlarged scale, on the line 3—3 of Fig. 1, showing one of the brackets in an adjusted position.

In the accompanying drawings, the numeral 1 designates my improved adjustable bracket which is here shown as comprising a fixed arm 2 and a movable arm 3, the two being formed of flat metal bars and hingedly connected at their inner ends as at 4. Although this hinged connection 4 may be in any suitable form, I preferably provide the fixed arm 2 with a knuckle 2' at its upper end, said knuckle being adapted to seat between co-acting knuckles 3' on the movable arm 3.

At suitable points, the arms 2 and 3 are bent to form bearing loops 5, said loops being slotted as at 6 for a purpose to appear.

Disposed across the angle between the arms 2 and 3 is a longitudinally adjustable brace bar here shown as comprising a pair of T-headed bolts 7 having the inner ends of their shanks threaded in opposite directions for the reception of a turn buckle 8 and lock nuts 9. It will be seen, by reference to the drawings, that the heads 10 of the bolts 7 are revolubly mounted in the bearing loops 5 of the arms 2 and 3; and that the shanks of said bolts pass through the slots in said loops.

Both arms of the bracket, as will be clearly seen by reference to Fig. 3 of the drawings, are provided with openings through which fastening screws 10' are passed to secure said arms to the shelf and the support therefor.

By the construction above described, in spite of irregularities in the wall or other support to which the shelf is to be applied, I may maintain the shelf in a truly horizontal position, or if desired, I may adjust the shelf itself to any desired angle.

Although I have described my invention with considerable minuteness, I do not wish to be limited to details of construction other than those amplified in the appended claim.

Having thus described my invention, what I claim as new is:—

A bracket comprising a pair of flat arms pivotally connected at their inner ends and having portions of their lengths bent to form bearing loops, said loops being provided with slots, T-headed bolts having their heads journaled in said loops and their shanks projecting through said slots and oppositely threaded, and a turn buckle connecting said threaded shanks.

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

PHILIP A. DAVIS.

Witnesses:

T. E. THOMAS,
JAS. T. GANNON.