

A. I. Judd,

Bracket.

No. 104,463.

Patented June 21, 1870.

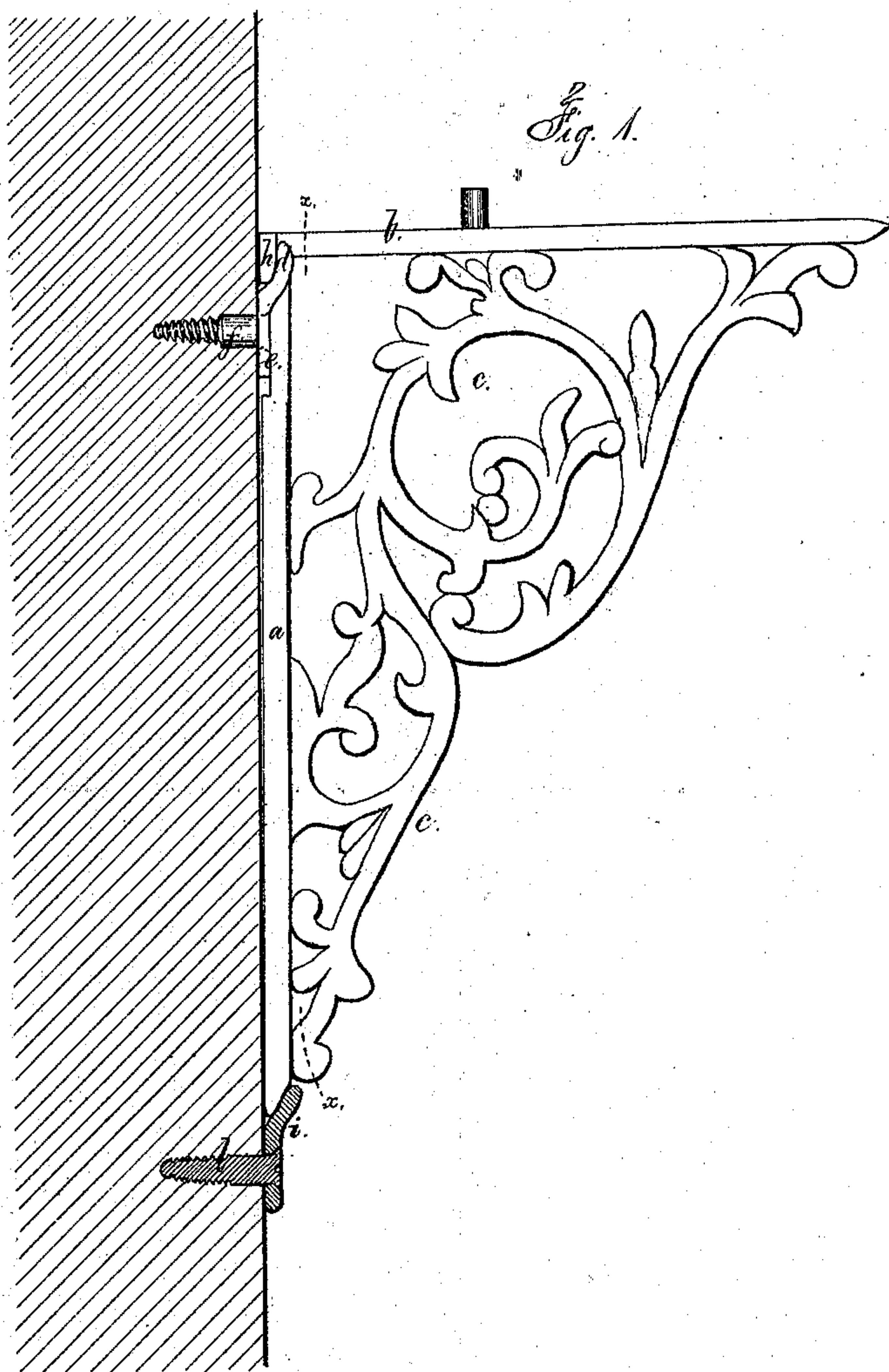
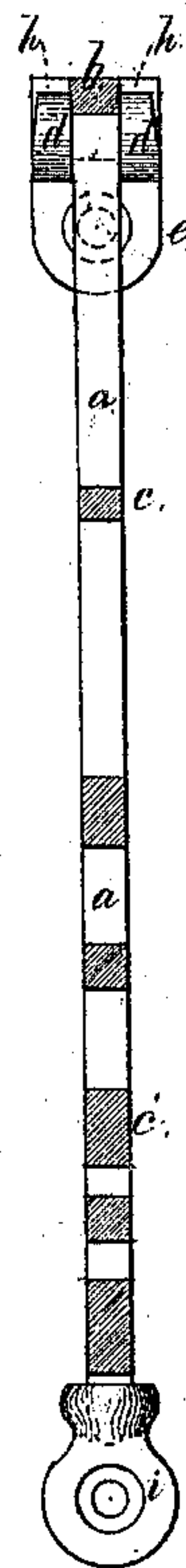


Fig. 2.



Witnesses

Chas. H. Smith
Geo. E. Miller

Albert D. Judd,
Lemuel W. Perrell
attys.

United States Patent Office.

ALBERT D. JUDD, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 104,463, dated June 21, 1870.

IMPROVED METALLIC BRACKET.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ALBERT D. JUDD, of the city and county of New Haven and State of Connecticut, have invented a certain new and useful Improvement in Metallic Brackets; and the following is hereby declared to be a full and correct description of the same.

This invention relates to means for holding the bracket to place upon a wall or elsewhere, and consists in a crotch-plate, to be attached to the wall, and provided with hooked arms that take below lugs formed upon the edges of the back plate of the bracket, and hold said bracket in a very firm and secure manner.

I also provide a socket, to be attached to the wall, to receive the lower end of the bracket, and keep the same in its proper vertical position.

In the drawing—

Figure 1 is an elevation of a bracket, secured to place upon a wall by my improved crotch-plate, the socket for the end of the bracket being shown in section, and

Figure 2 is a vertical section at the line *x x*.

The bracket is made with the back and top plates or bars *a* and *b*, of any desired size and shape, and the part *c* of said bracket may be of any ornamental shape or design.

The arms *d d* are cast upon and with a crotch-plate, *e*, and this plate is to be attached to the wall by a screw, *f*.

The space between the arms *d d* is to be such as to receive the back plate *a* of the bracket, and said plate *a* at this part is recessed, to allow for the thickness of the crotch-plate *e*.

Upon the edges of the back plate *a* are the lugs *h*, and these lugs set behind the arms *d d*.

Said arms coming upon each side of the back plate *a* of the bracket, said bracket will be held very firmly and securely in place, but can be removed by simply lifting said bracket until the lugs are clear of the arms *d d*.

To prevent the bracket moving from its proper vertical position, I make use of the socket *i* to receive the lower end of the back plate *a*, and said socket is held to place by the screw *l*.

The space between the arms *d d* might be wider at the top than at the bottom, to receive a corresponding bevel upon the back plate, and this partially removes the weight of the bracket from the lugs *d d*, and, if made in this manner, the socket *i* may be dispensed with, as the bracket will be kept vertical by this means.

These fastenings can be made very cheap, as they require no finishing after being cast, and the bracket used with such fastenings requires no further labor or expense, as the recess in the back plate, and also the lugs upon the same, are cast with the bracket.

The shelf for said bracket may be secured in any desired manner to the same, and forms no part of my invention.

I claim as my invention—

The crotch-plate *e*, with the arms *d*, in combination with the lugs *h* upon the bracket, as and for the purpose specified.

Signed by me this 1st day of April, A. D. 1870.

ALBERT D. JUDD.

Witnesses:

E. A. DURAND,
H. L. JUDD.