

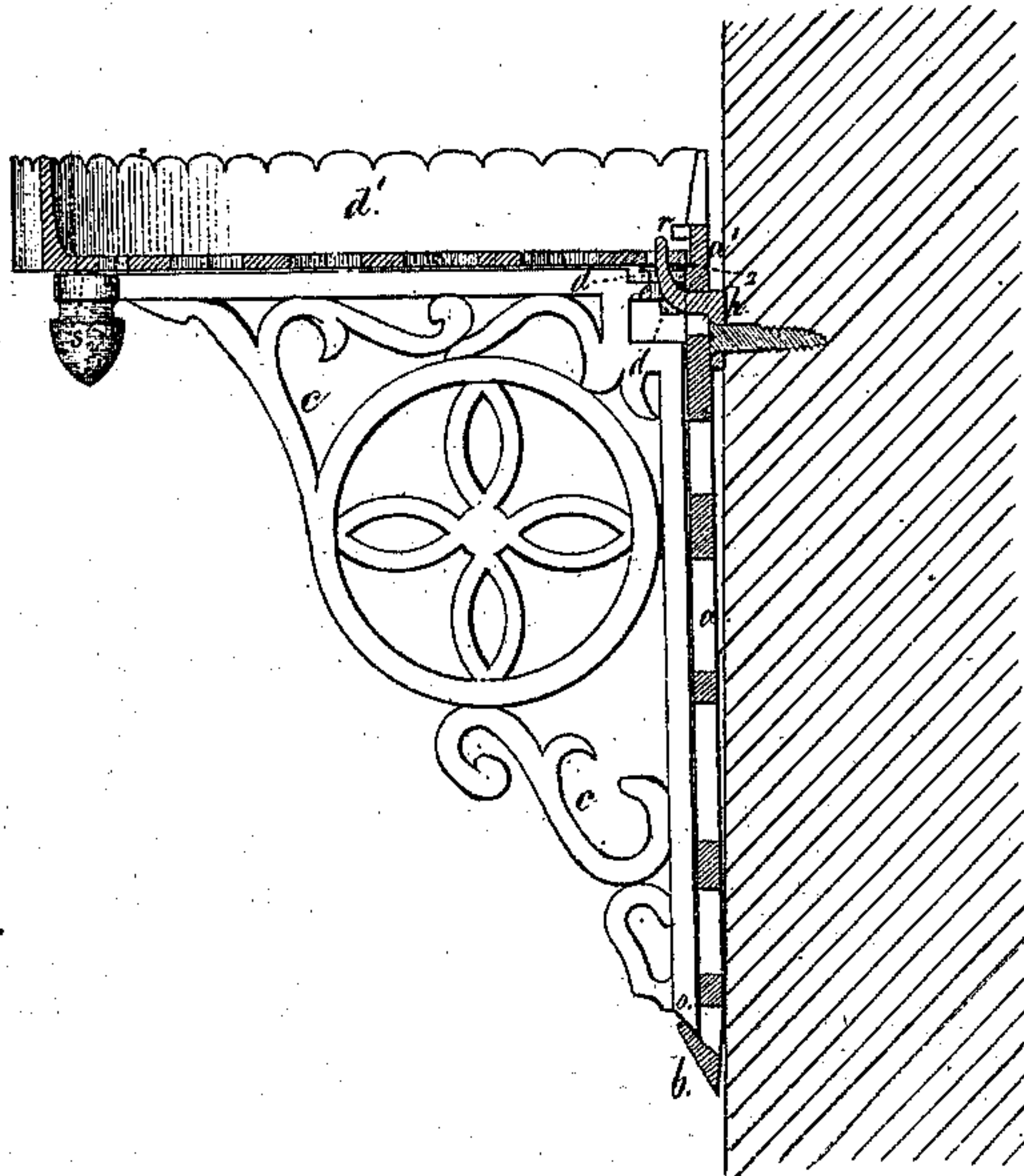
*A. D. & E. M. Judd,*

*Bracket.*

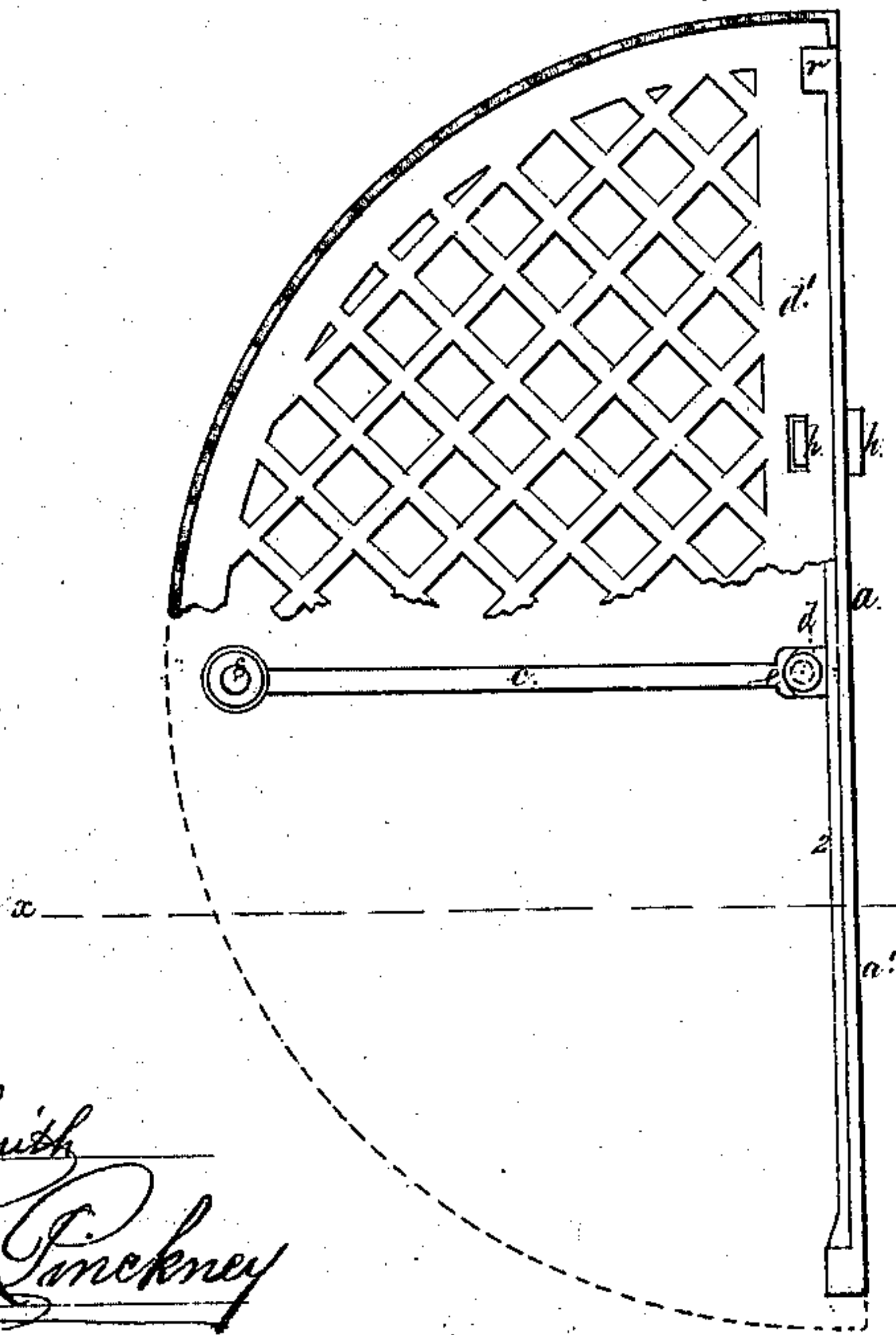
*No. 104,464.*

*Patented June 21, 1870.*

*Fig. 2.*



*Fig. 1.*



*Witnesses*

*Chas. H. Smith*

*Geo. T. Linskey*

*A. D. Judd,  
E. M. Judd*

*Samuel W. Perrell*  
*Att'y*



# United States Patent Office.

ALBERT D. JUDD AND EDWARD M. JUDD, OF NEW HAVEN, CONNECTICUT.

*Letters Patent No. 104,464, 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 we, ALBERT D. JUDD and EDWARD M. JUDD, of New Haven, in the State of Connecticut, have invented and made an Improvement in Metallic Brackets; and the following is declared to be a correct description thereof.

This invention relates to means for connecting the bracket to the back-plate, so as to fold and occupy but little space in transportation. The shelf connected with the bracket and back-plate are supported very firmly but removably from the wall by hook-plates.

In the drawing—

Figure 1 is a plan showing the back-plate, bracket, and part of the shelf, and

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

This invention has no reference to the design of the ornamentation, or to the special shape of the bracket.

The back-plate *a* is of the desired size and shape, and at the bottom is a socket, *b*, into which the lower end *o* of the bracket *c* passes, as seen in fig. 2, and forms a pintle or hinge to the bracket *c*.

The back-plate *a* is made with projecting hinge-lugs *d* to take a lug, *e*, upon the bracket *c*, and a pin passing through these forms a hinge, upon which and the pintle *o* the bracket *c* can swing back against the face of the back-plate *a*, so as to take but little space in transportation, and at the same time a firm and reliable connection is made of the two parts.

The back-plate *a* may extend both sides of the hinge *d e*, as shown in fig. 1, or only at one side to form a corner bracket.

The shelf *d'* sets at its back edge upon a ledge, 2, and beneath projecting flanges *r r*, (see fig. 1,) and a

pin, *s*, upon the upper edge of the bracket *c*, is provided for entering a hole in the shelf *d'*, to retain the parts in their proper respective positions, and allows of their being easily slipped apart and packed for transportation.

In order to support the bracket, we make use of hook-plates *h*, screwed upon the wall or other place of attachment, and upon these the horizontal bar *a'* of the back-plate *a* rests, and the vertical portions of the hooks pass up into mortices through the shelf *d'*, as shown, so as to secure the parts in a very firm manner, and allow of the removal of the bracket from the wall without taking out the hook-plates.

The shelf *d'* is reversible, and made with a rim around its edge projecting on one side only, so that it may be placed with either the rim or flat surface uppermost, according to the article that is to be received upon the shelf.

We claim as our invention—

1. The metallic bracket *c*, and back-plate *a*, connected by the hinges *e d*, socket *b*, and pintle *o*, in combination with the removable shelf, as set forth.

2. The hook-plates *h*, to be screwed to the wall or support, in combination with the back-plate *a*, cross-piece *a'*, and shelf *d'*, the ends of the plates *h* entering mortices in the shelf *d'*, as and for the purposes specified.

Signed by us this 9th day of April, A. D. 1870.

ALBERT D. JUDD.

E. M. JUDD.

Witnesses:

N. F. THOMPSON,  
CHARLES IVES.