

P. Bradford,
Furniture Bracket,
No 78,784, Patented June 9, 1868.

Fig. 1.

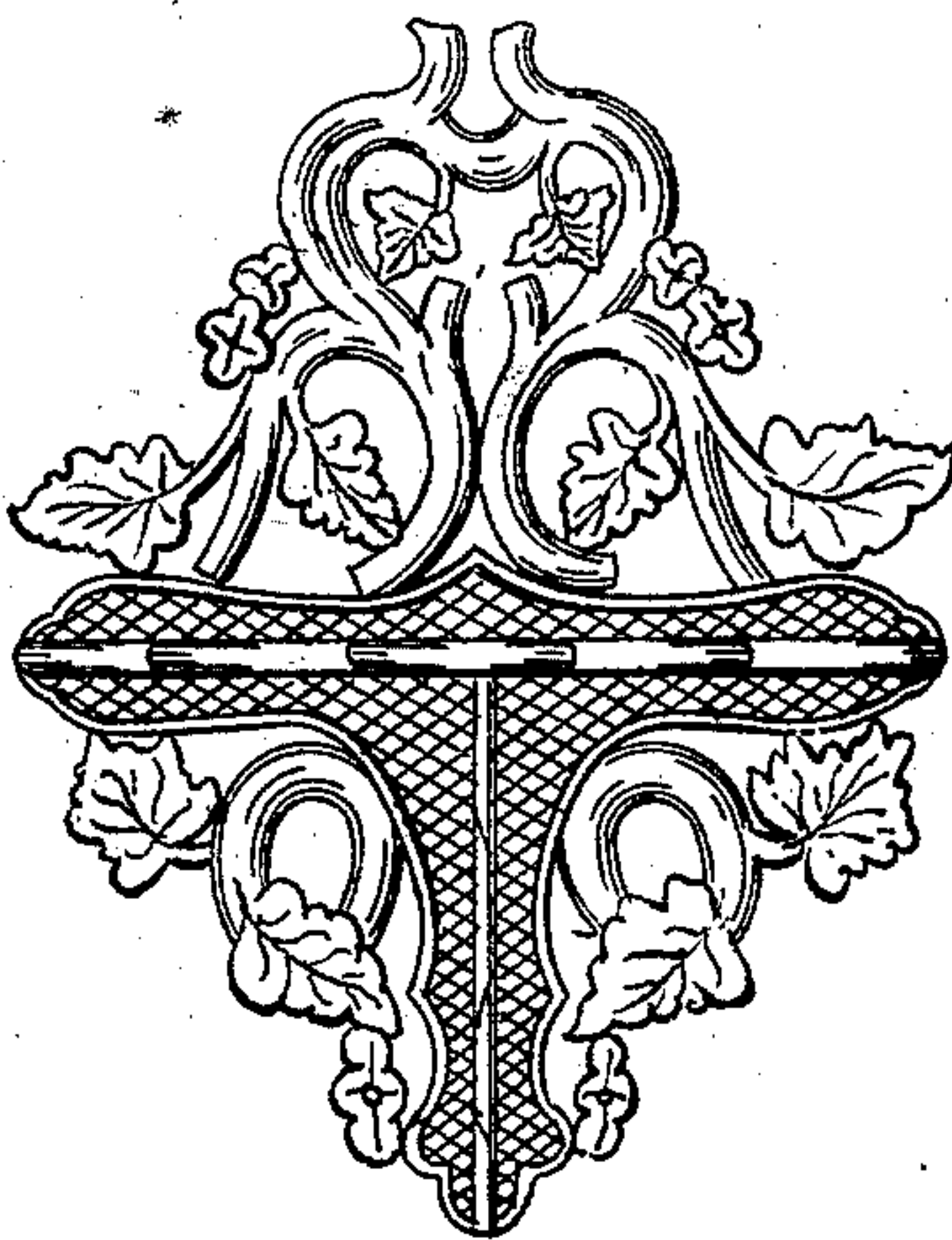


Fig. 2.

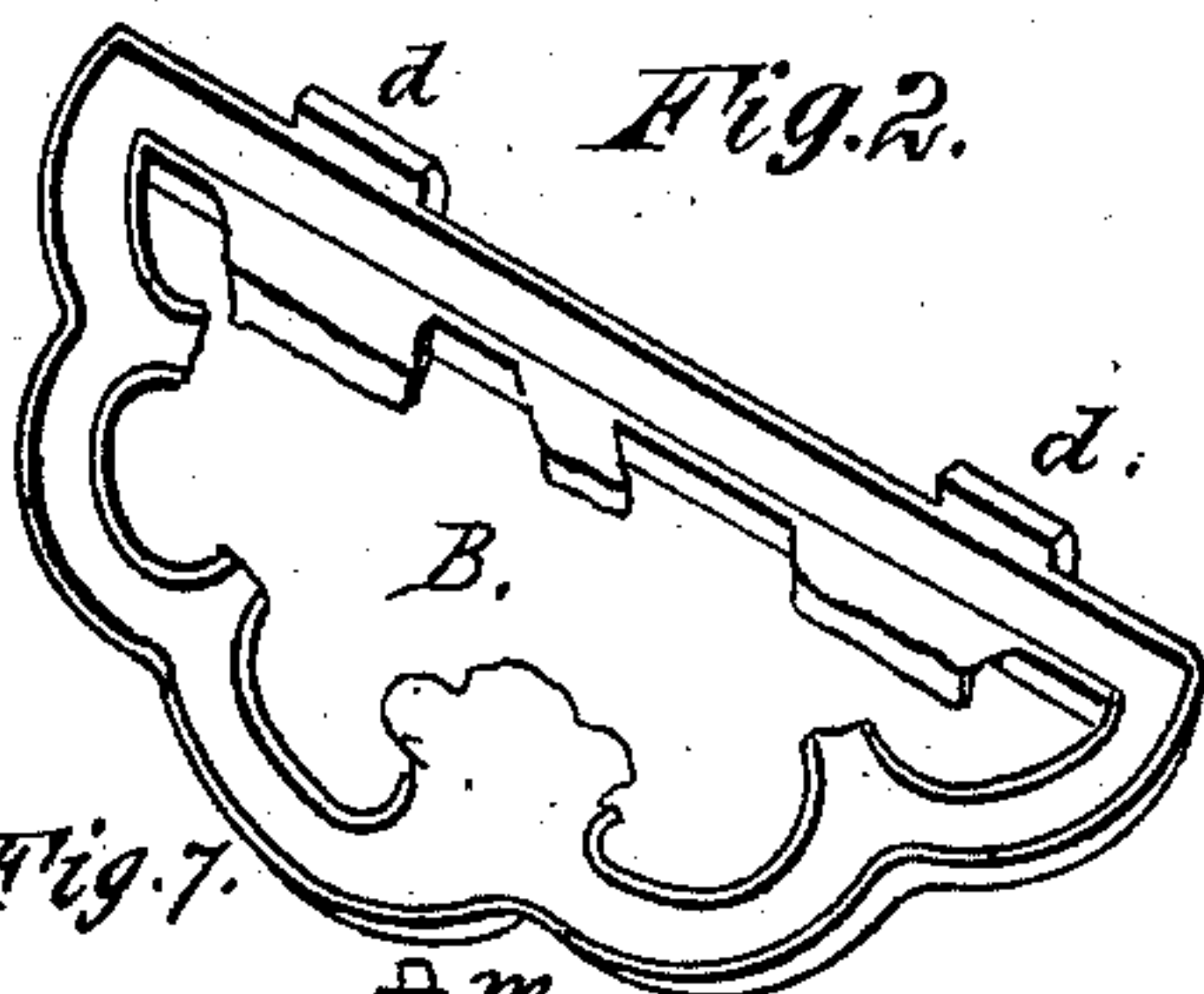


Fig. 3.

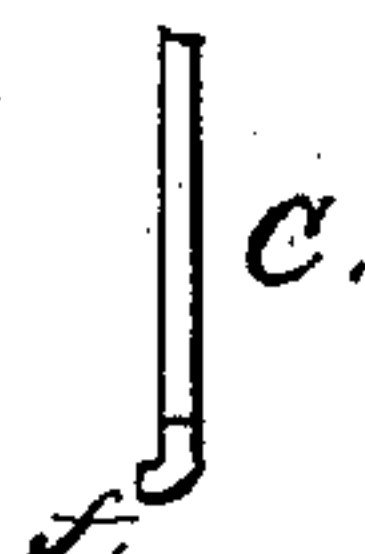


Fig. 7.



Fig. 4.

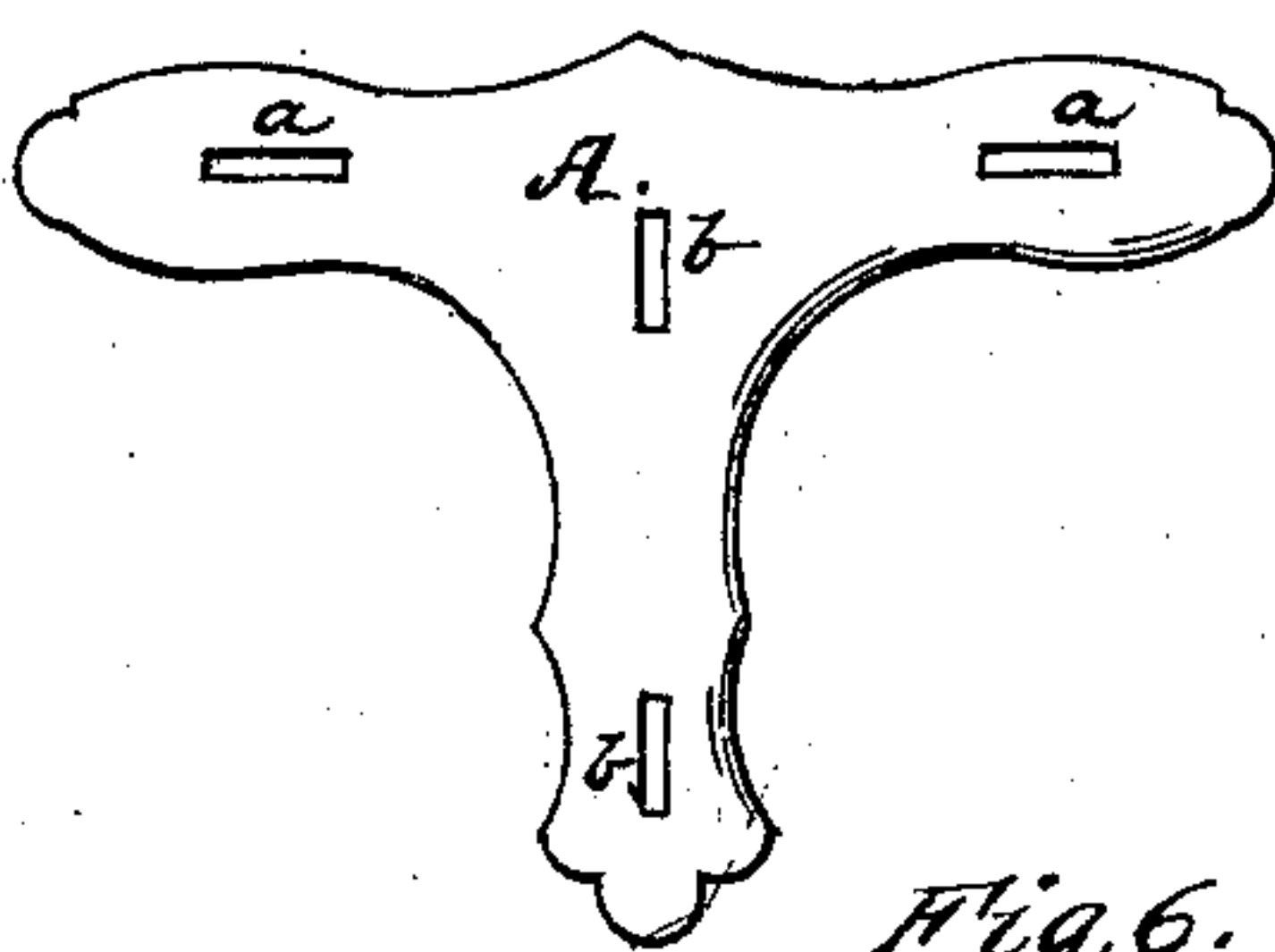


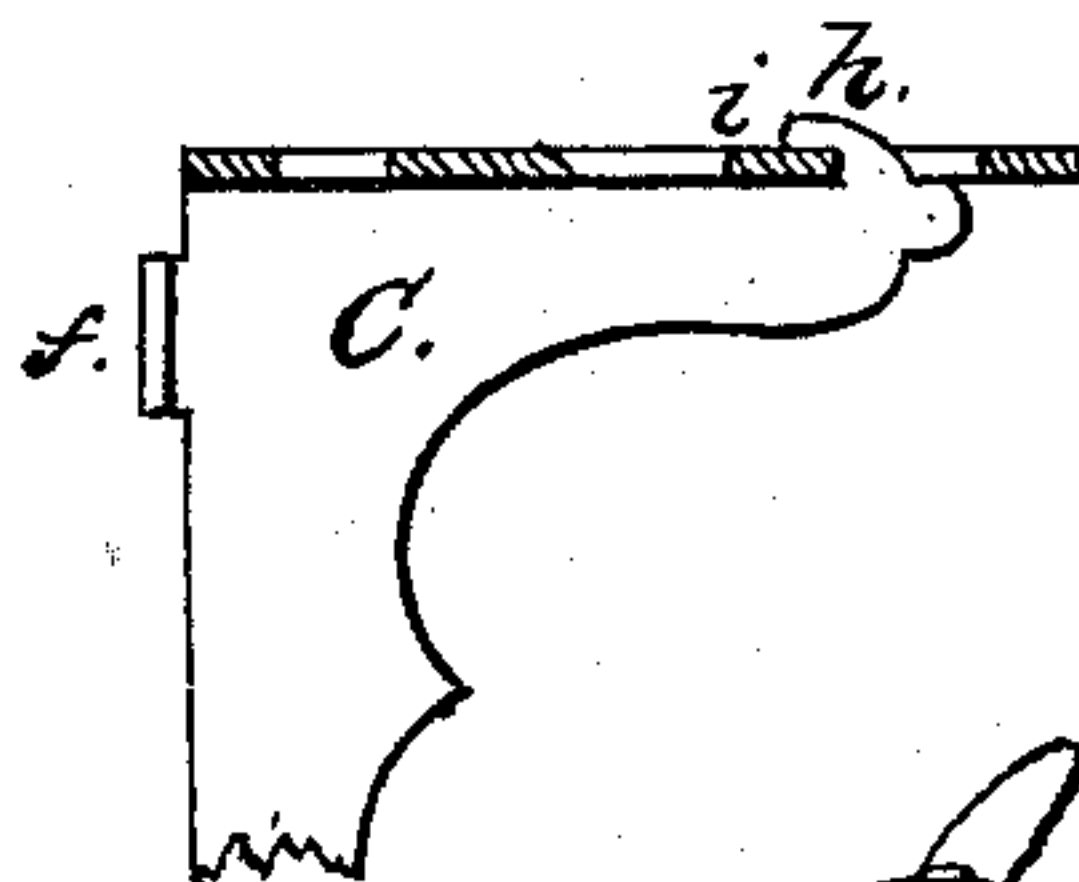
Fig. 5.



Fig. 8.



Fig. 6.



Witnesses:

J. H. Thummay
a. j. Debbitz

Inventor.

P. Bradford

By his Attorney

Wm. E. Earle.

United States Patent Office.

PURMORT BRADFORD, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO SARGENT AND COMPANY, OF SAME PLACE.

Letters Patent No. 78,784, dated June 9, 1868.

IMPROVED CAST-METAL 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, PURMORT BRADFORD, of New Haven, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Cast-Metal Brackets; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a front view.

Figure 2, a perspective view of the shelf.

Figure 3, a sectional view of the brace.

Figure 4, a front view of the solid part of the base.

Figure 5, a sectional view through the shelf and base, at the point of connection.

Figure 6, a sectional view of the shelf, showing the connection of the brace, and in

Figures 7 and 8 a different modification of the same connection.

This invention relates to an improvement in the construction of brackets from cast metal, designed in imitation of wood, and such as are used upon walls for the support of ornaments, and consists in forming the parts so that they may be locked and held together without the use of rivets, or other security than those cast upon the parts.

In order to the clear understanding of my invention, I will fully describe the same as illustrated in the accompanying drawings.

The representation is for a wall-bracket, that is flat upon the back side.

The base, A, which is ornamented by any desirable design of tracery, is formed with openings *a* for the shelf-connection, and *b* for the base.

The shelf B is cast with hooked lugs, *d*, as seen in fig. 2, the said lugs corresponding to the lugs *a* in the base, and so as to be hooked into the base, as seen in fig. 5.

The brace C is constructed with lugs *f*, corresponding to the openings *b* of the base, as seen in figs. 3 and 4, and so as to be hooked therein in like manner as described for the shelf, and near the outer extremity of the brace I cut a hooked projection, *h*, and form at a corresponding point, *i*, on the shelf, a projection, upon which the said hook may turn, as seen in figs. 2 and 6.

Therefore, after the parts are cast, hook the shelf into its position, place the lugs of the brace into the lugs *b* of the base, and turn the brace, so that the hook *h* will lock upon a projection, *i*, on the shelf, into its proper position, as seen in fig. 1, and the bracket is complete, and the parts held together in a most secure manner, and without the employment of rivets or other fastening-device.

Instead of the lugs *f* on the brace *a*, dove-tail lug, *l*, may be formed, as seen in figs. 7 and 8, and locked into the base, as seen in fig. 8, and a tenon, *n*, set into the base, near the top, while a similar tenon, *m*, will enter a hole in the shelf, and by this means the parts are secured together.

This last construction is better adapted where the base is of a rustic character, or formed from tracery, than when the base is plain, as seen in fig. 4.

By this construction the brackets may be taken apart and compactly packed for transportation—a most desirable object for manufacturers and dealers; and it is so simply put together that the most unskilled person cannot fail to join the parts properly.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent, is—

The base, A, shelf B, and brace C, constructed so as to be united and locked together by hooks or projections on one part, and corresponding mortises or recesses in the other, so that when the three parts are set together, they will be locked and held in place, substantially as set forth.

PURMORT BRADFORD,

Witnesses:

J. H. SHUMWAY,

A. J. TIBBITS.