No. 682,192. Patented Sept. 10, 1901.

J. F. HAZEN.

CORNER BRACKET.

(Application filed May 18, 1901.)

(No Model.)

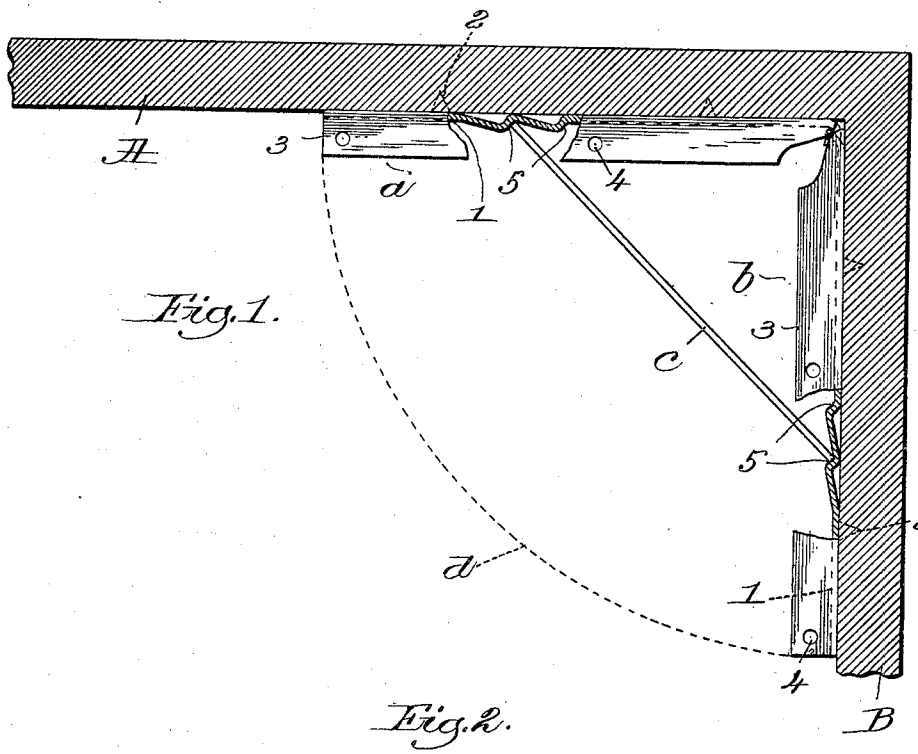


Fig. 1.

Fig. 2.

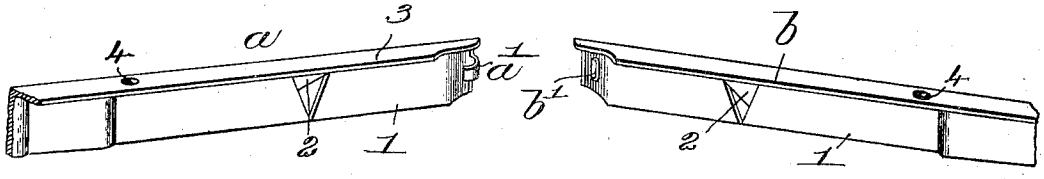
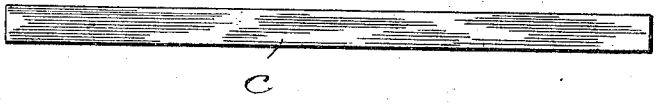


Fig. 3.



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UNITED STATES PATENT OFFICE.

JESSE F. HAZEN, OF EPPING, NEW HAMPSHIRE.

CORNER-BRACKET.

SPECIFICATION forming part of Letters Patent No. 682,192, dated September 10, 1901.

Application filed May 18, 1901. Serial No. 60,835. (No model.)

To all whom it may concern:

Be it known that I, JESSE F. HAZEN, a citizen of the United States, and a resident of Epping, county of Rockingham, State of New Hampshire, have invented an Improvement in Corner-Brackets, of which the following description, in connection with the accompanying drawings, is a specification, like characters on the drawings representing like parts.

This invention has for its object the production of a cheap and effective corner-bracket which can be readily set up in a room and sustained by the walls in a corner thereof without the aid of separate screws, nails, or other similar devices.

It is frequently desirable to set up a shelf in the corner of a room, but very undesirable to mar the wall-surfaces with sustaining screws or nails, and by the present invention I am enabled to secure the desired results in a convenient and easy manner.

Figure 1 is a top or plan view, partly broken out, of a corner-bracket embodying my invention in operative position. Fig. 2 is a perspective view of the shelf-supporting members separated, and Fig. 3 is a front view of the brace detached.

In the present embodiment of my invention the corner-bracket comprises, essentially, two shelf-supporting members *a b*, each of which is shown as substantially ⌐-shaped in cross-section, the upright web 1 of each having external lateral prongs 2, which are sharpened or pointed to enter the material of the walls of a room, as A B, Fig. 1. Herein the prongs are shown as integral with the web and struck up therefrom.

The inwardly-extended flanges 3 are substantially horizontal when the bracket is in position, and for convenience I have shown holes 4 therein, through which screws or other attaching devices may be passed to secure a shelf *d* in place. (See dotted lines, Fig. 1.)

One of the members, as *a*, is shown as having at one end a hook *a'*, and at one end of the member *b* an eye *b'* is formed in the web thereof to receive the hook, and thus form a detachable pivotal connection between adjacent ends of the members. The outer ends of the latter can be spread so that the members stand at right angles to each other, to thus fit the corner of the usual room; but manifestly the angle can be made greater or less than a right angle, if necessary. Now in order to maintain the shelf-supporting members *a* and *b* in position against the two walls I have provided a diagonal brace *c*, which is adapted to abut at its ends against one of a series of abutments or shoulders 5 on the inner face of each web. The abutments hold the ends of the brace in fixed position on the members *a* and *b*, pressing the prongs on the said members firmly into the walls. I prefer to make the brace somewhat resilient or springy, so that at all times there will be an outward pressure against the shelf-supporting members.

By making the members *a* and *b* of suitable sheet metal they can be manufactured very cheaply. Their cross-sectional form gives strength and stiffness with light weight, and when not in use the parts constituting the bracket can be packed into an exceedingly small space.

It will be observed from the description and drawings that the bracket is not dependent in any way upon the shelf to maintain it in position on the wall, the bracket being just as firmly held on the walls without as with the shelf. The latter, however, provides an extended support for any object which it is desired to sustain upon the bracket.

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

1. A corner-bracket, comprising two shelf-supporting members having their top edges in horizontal alinement for supporting a shelf and yieldingly connected at their inner ends and each provided with exterior lateral prongs extending integrally therefrom to enter the wall and a detachable diagonal brace to engage and maintain said members pressed against the walls.

2. A corner-bracket comprising two shelf-supporting members each having formed thereon external lateral prongs to enter the wall, a pivotal detachable connection between the inner ends of said members, a diagonal brace to maintain said members in place on the walls, and means to adjustably connect the brace with said members.

3. A corner-bracket comprising two sheet-metal members each having an upright web

provided with external holding-prongs and a shelf-supporting flange at right angles to the web, a pivotal connection between the inner ends of said members, and a diagonal brace to engage and maintain said members in position.

4. A corner-bracket, comprising two shelf-supporting members pivotally connected at their inner ends, integral holding-prongs on the outer faces of said members, and an adjustable brace to engage and maintain the said members pressed against the walls of a room at the corner thereof.

5. A corner-bracket comprising two shelf-supporting members ⌐-shaped in cross-section, prongs on the exterior of each member to engage a wall, a pivotal connection between the inner ends of the said members, whereby the angle between them may be varied, a cross-brace to maintain the said members in position, and a plurality of shoulders on each member, to coöperate with the ends of the brace.

6. A corner-bracket comprising two shelf-supporting members ⌐-shaped in cross-section, prongs on the exterior of each member, to engage a wall, one member having an eye at one end and a hook on the other member, to enter the eye and pivotally connect said members, and a detachable diagonal brace adapted to engage and maintain the said members pressed against the walls of a room at the corner thereof.

7. A corner-bracket comprising two externally-pronged shelf-supporting members connected at their inner ends and variably separable at their outer ends, a detachable resilient diagonal brace to maintain the said members pressed against the walls of a room, and means to hold the ends of the brace on said members.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JESSE F. HAZEN.

Witnesses:

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F. BELLE PRESCOTT.