

(No Model.)

2 Sheets—Sheet 1.

S. J. DE LONG, H. B. PELTON & J. STEWART.
FURNITURE FASTENING.

No. 593,876.

Patented Nov. 16, 1897.

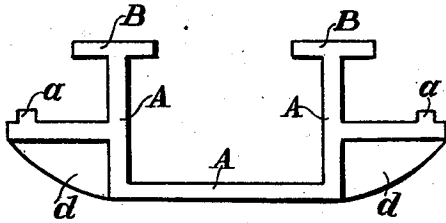


Fig. 3

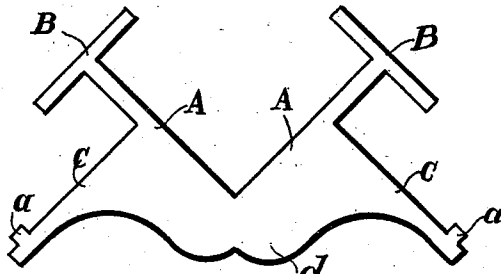


Fig. 1

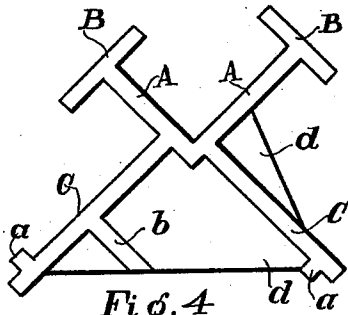


Fig. 4

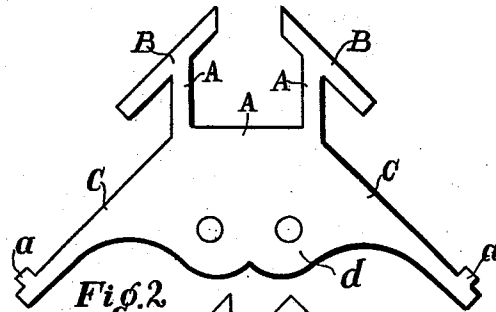


Fig. 2

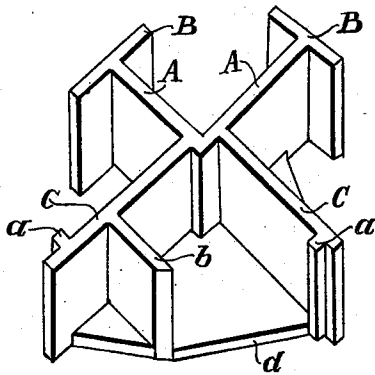


Fig. 5

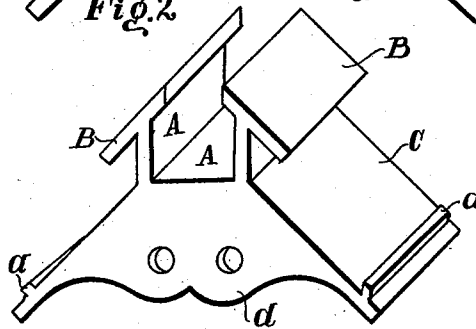


Fig. 6

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Inventors:
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James Stewart
By Edward Taggart
Attorney

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2 Sheets—Sheet 2.

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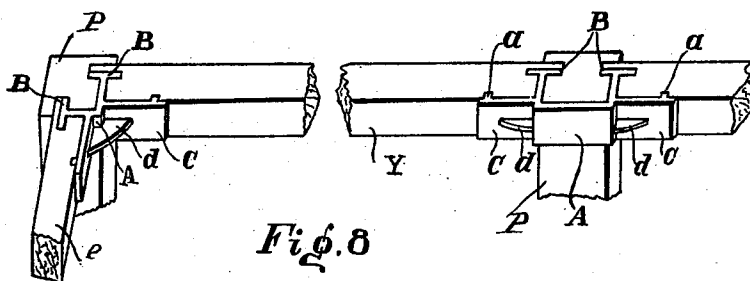


Fig. 8

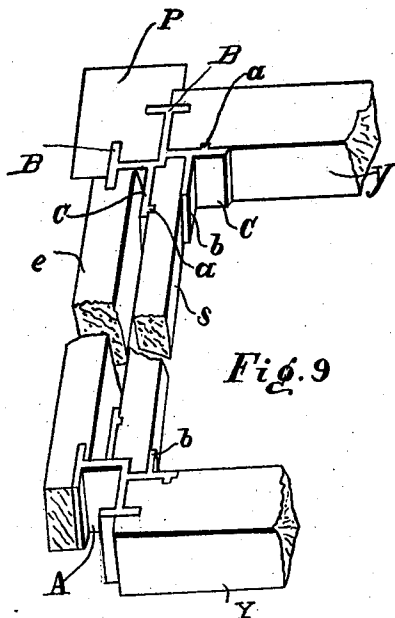


Fig. 9

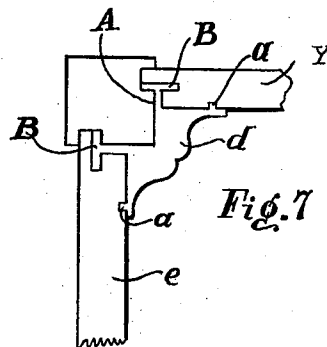


Fig. 7

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UNITED STATES PATENT OFFICE.

SAMUEL J. DE LONG, HENRY B. PELTON, AND JAMES STEWART, OF
GRAND RAPIDS, MICHIGAN.

FURNITURE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 593,876, dated November 16, 1897.

Application filed February 10, 1897. Serial No. 622,838. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL J. DE LONG, HENRY B. PELTON, and JAMES STEWART, citizens of the United States, residing at the city of Grand Rapids, in the county of Kent and State of Michigan, have invented a certain new and useful Furniture-Fastening, of which the following is a specification.

This invention relates to a new and improved fastening for furniture, and the same may be used in connection with tables, commodes, and all kinds of furniture and furniture-cases wherever it may be found desirable to secure a post or leg to the side or end rails or to the side and end pieces of the article to which our invention may be applied; and our invention is adapted for use in connection with articles constructed of wood, stone, and other materials.

The objects of our invention are, first, to furnish a cheap and convenient fastening and one which can be readily and quickly applied, and, second, to produce a fastening which will add strength and durability to the article to which it is applied and which will not in any way mar its appearance. These objects we accomplish by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 shows a plan view of a fastening adapted to secure a post to the side and end pieces of an article of furniture. Fig. 2 shows a modified form in which the angle of the post attachment is modified for the purpose of adapting the same to a modified form of post. Fig. 3 shows a plan view of a further modified form of our improved fastening where the post is not placed at the corner. Fig. 4 shows a corner-fastening for a leg or post, with means for attaching an inside supplementary rail or divider. Fig. 5 is a perspective view of the fastening shown in plan view by Fig. 4. Fig. 6 is a perspective view of the fastening shown in plan view by Fig. 2. Fig. 7 shows a plan view of the fastening shown by Fig. 1, with the post and side rails held in position by the fastener. Fig. 8 shows in perspective, with the side rails and posts in place, the fastener illustrated by Figs. 1 and 3, respectively; and Fig. 9 shows a perspective view of a right and left hand fastening,

with side and end rail and supplementary rail, being the same fastening illustrated in Fig. 4.

Similar letters refer to similar parts throughout the several views.

The fastenings vary in form, but all contain what we term a "web" adapted to secure the post or leg in position and a plurality of wings adapted to secure in position the side and end pieces or side and end rails.

A A represent the web.

B B represent oppositely-projecting flanges on the end of each web, which flanges are adapted to engage with the corner-post and rails, as shown in Figs. 7, 8, and 9. These flanges may be placed at different angles in order to adapt them to the peculiar post which is used, and when the post or leg is not placed at the corner of the article of furniture to which it is attached we use the form of web illustrated in Fig. 3.

C C are wings projecting from the web and each provided with a flange or rib *a*, adapted to attach the side and end rails to the web, or, as in the case shown in Fig. 3, to attach the leg to the rails when the same is not placed at the corner of the table or other article of furniture.

P represents a post.

a a, &c., are ribs or lugs on the wings C C, adapted to enter grooves in the rails and to assist in securing the rails to the web.

b is a supplementary rib (shown in Figs. 4, 5, and 9) and is used only in connection with the form of fastening used to secure in position a supplementary rail or divider, as shown in Fig. 9.

d is a horizontal flange connecting the wings and web. This horizontal flange may, however, be dispensed with in certain cases; but when our fastening is used in connection with tables and similar articles of furniture we prefer to use the horizontal flanges.

e e show the side rails in position, and *Y* shows the end rails.

s represents the supplementary rail or divider. This supplementary rail *s*, in casework, may be used as a drawer-slide.

The fastening above described is not only adapted for use in connection with tables, chairs, and all kinds of casework and box-

work, but can also be used in what is known and called "knockdown" construction.

Having thus described our invention, what we claim to have invented, and desire to secure by Letters Patent, is—

1. In a fastening device, the combination of the angular web A, provided at each end with oppositely-projecting flanges B, said flanges extending outward upon both sides of the web, wings C, projecting outward from two sides of the web near the angular portion thereof, and ribs or lugs on the wings adapted to engage with and secure the rail of a piece of furniture to the web, substantially as described.

2. In a fastening device, the combination of the web A, provided at its free ends with oppositely-disposed perpendicular flanges B, which extend outward upon both sides of the web, and wings C, projecting outward from two sides of the web, substantially as described.

3. The combination of a web provided with end flanges, wings as C, extending out from the web and provided with ribs or lugs, a cor-

ner-post embraced by the web, side and end rails secured to the post by the web and wings, a supplementary rib *b*, projecting outward from one of the said wings, and a supplemental rail *s*, embraced at either end by the said supplementary rib and opposite wing, substantially as described.

4. In a furniture-fastening, an angular web A, adapted to embrace a corner-post, wings C, extending out from the web, and a supplementary rib *b*, projecting outward from one of said wings and arranged parallel with the opposite wing, said rib and adjacent parallel wing being arranged to embrace one end of a supplemental rail, substantially as described.

In witness whereof we have hereunto set our hands and seals in the presence of two witnesses.

SAMUEL J. DE LONG. [L. S.]
HENRY B. PELTON. [L. S.]
JAMES STEWART. [L. S.]

Witnesses:

EDWARD TAGGART,
CHRISTOPHER HONDELINK.