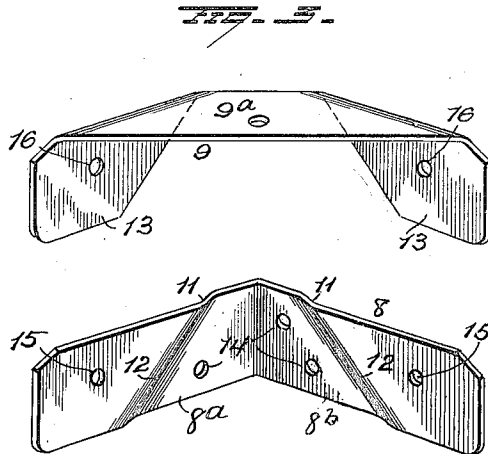
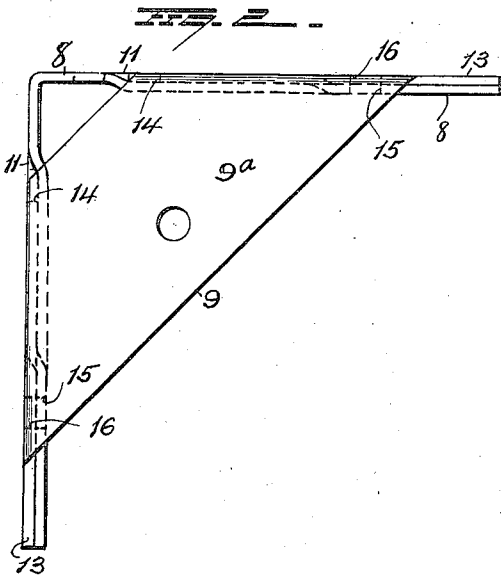
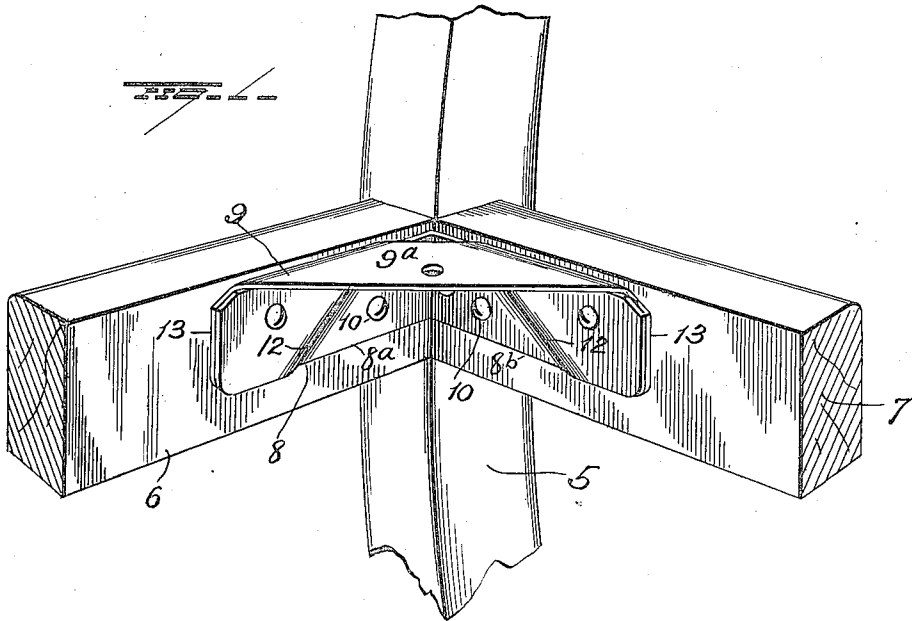


D. E. BELLIG  
 BRACE AND CORNER BLOCK FOR CHAIRS AND OTHER ARTICLES OF FURNITURE.  
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1,380,518.

Patented June 7, 1921.



Inventor  
*D. E. Bellig*  
 By *Symons & Bright*  
 Attorneys

# UNITED STATES PATENT OFFICE.

DANIEL E. BELLIG, OF MONTOURSVILLE, PENNSYLVANIA.

BRACE AND CORNER-BLOCK FOR CHAIRS AND OTHER ARTICLES OF FURNITURE.

1,380,518.

Specification of Letters Patent. Patented June 7, 1921.

Application filed February 26, 1921. Serial No. 448,086.

*To all whom it may concern:*

Be it known that I, DANIEL E. BELLIG, a citizen of the United States, and a resident of Montoursville, in the county of Lycoming and State of Pennsylvania, have invented certain new and useful Improvements in Braces and Corner-Blocks for Chairs and other Articles of Furniture; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improved brace and corner block for chairs and other articles of furniture, the object being to provide a combined brace and corner block that will firmly unite and brace the side and end rails of the chair and secure them to the legs and also form supports or rests for the chair seat and it consists in the part and combination of parts and in the details of construction as will be more fully explained and pointed out in the claims.

In the accompanying drawing, Figure 1 is a view in perspective of my improvement secured to a side and end rail of a chair and showing its relation to a chair leg; Fig. 2 is a view of the block detached and Fig. 3 is a view showing the two parts of the block separated.

While my invention is applicable for use on any article where a corner brace and block is used, I have shown it in connection with the rails and leg of a chair, but I would have it understood that I do not restrict myself to its use on any particular article of furniture.

5 represents a chair leg 6 the side rail and 7 the back rail the rails being secured to the leg in the usual and well known manner.

My improved brace is composed of the sections 8 and 9 both of which are made of metal and preferably detachable and independent of each other, although I may if desired permanently unite them by riveting or welding. The section 8 consists of a metal strip bent centrally at or approximately at right angles or V-shape so as to rest within the angle formed at the juncture of the rails 6 and 7 with the leg 5, with one member 8<sup>a</sup> of said section bearing against the inner face of the side rail 6 and the other member 8<sup>b</sup> bearing against the inner face of the rear rail 7, and both secured by screws 10. The outer free ends of both members of section 8 are offset or bent inwardly as at 11,

the bends being on oblique lines as shown at 12, to form recesses to receive the bent ends 13 of the top section 9. The top section 9 of the brace and corner block is also made from a strip of sheet metal the ends of which are bent on oblique lines downwardly at right angles to its central portion, so that said central portion is in the form of V with the apex removed.

The body or central part 9<sup>a</sup> of section 9 spans the space between the side members 8<sup>a</sup> and 8<sup>b</sup> of section 8 and rests thereon with its bent and oblique ends 13 resting in the recesses formed by offsetting or bending inwardly the outer end of the members 8<sup>a</sup> and 8<sup>b</sup> the offset being approximately the thickness of the metal strap. The body 9<sup>a</sup> of section 9 forms a seat or support for one corner of the seat of the chair and is preferably provided with a screw hole for the attachment of the seat thereto.

The side members 8<sup>a</sup> and 8<sup>b</sup> of section 8 are also provided on their offset portions 11 with a screw hole 15 which alines with the screw hole 16 in the bent ends of section 9 for securing both of said sections to the rails.

When the attachment is applied in the corner of a chair, the upper section 9 of the attachment constitutes a seat or support for the end of the chair seat and absolutely locks not only the rails to the leg but also the corner of the seat to the attachment.

As shown, the section 9 is removable and can be removed upwardly when the screws through holes 16 are removed, but if desired the two parts may be permanently connected by welding or otherwise. I prefer however to have them separate and independent and of sheet metal as the parts can yield under the tightening pressure of the fastening screws so as to make a close fit with the rails.

When the two parts are assembled the outer faces of the bent ends of section 9 and the outer faces of the member of section 8 intermediate the offsets, are in the same plane so as to rest solidly against the rails of the chair. The top member 9 is therefore supported by and on the offset portions of member 8, which latter sustains the weight of the seat and performs all the functions as the ordinary wooden corner block.

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

1. A combined corner brace and block, composed of two metal sections one of which is

approximately V-shape with its free ends offset or bent inwardly, and the other or top section resting on the V-shaped section and provided with downwardly bent ends adapted to fill the space formed by offsetting the ends of the V-shaped section, the two sections being adapted to be secured to the chair rails by screws.

2. A combined corner brace and block composed of two metal sections one of which is bent into approximately V-shape and having inwardly bent or offset ends and the second section supported on said V-shape sec-

tion and having bent ends resting within the recesses formed by offsetting the ends of the V-shaped section, the said section having alined screw holes for attaching them to the rails of a chair.

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

DANIEL E. BELLIG.

Witnesses:

B. A. HARRIS,  
H. C. HULING.