

C. V. HYMEL.
SLAT OR LOUVER REINFORCEMENT.
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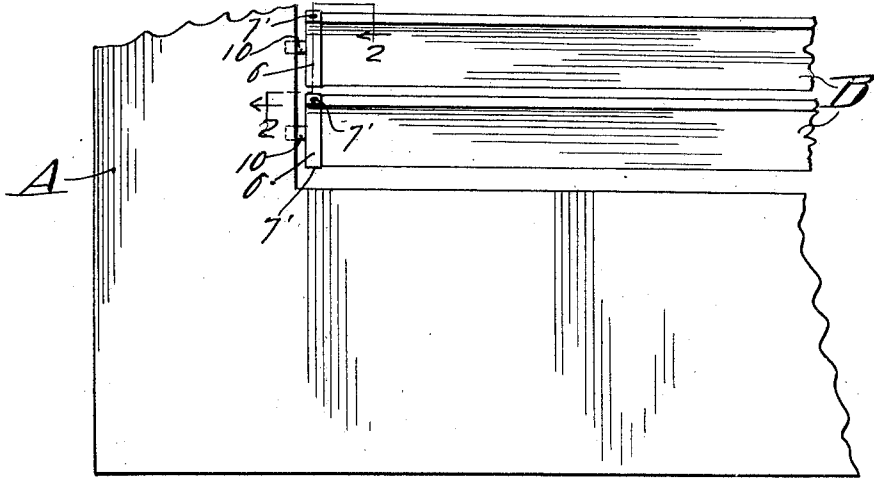


Fig. 1.

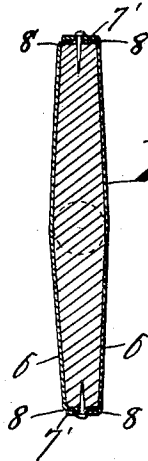


Fig. 2 Fig. 3.

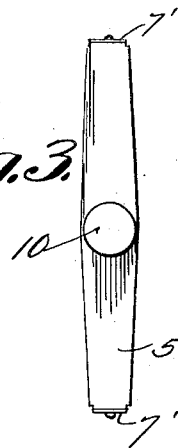
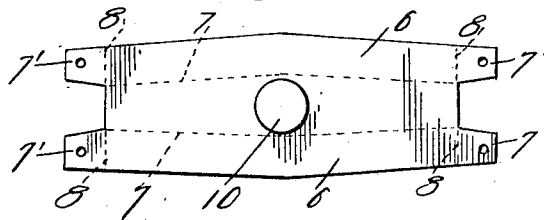


Fig. 4.



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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CLEMENT VICTOR HYMEL, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain useful Improvements in Slat or Louver Reinforcements, of which the following is a specification, reference being had therein to the accompanying drawing.

The invention relates to a slat or louver reinforcement, and more particularly to the class of menders for slats in window blinds or shutters.

The primary object of the invention is the provision of a device of this character wherein the end or ends of a slat used in blinds or shutters can be reinforced to prevent the same from splitting or breaking when in such shutter or blind and thus assuring longevity to the latter.

Another object of the invention is the provision of a reinforcement or mender of this character wherein the construction thereof permits its convenient application to the slat and will materially strengthen the same and afford a pivot stud for the slat to replace the original pivot stud of the slat which latter frequently becomes unfit for pivotal mounting in the frame of the blind or shutter.

A further object of the invention is the provision of a reinforcement of this character which is simple in construction, thoroughly reliable and efficient in operation, strong, durable and inexpensive in manufacture.

Other objects will be in part obvious and in part hereinafter set forth.

The invention accordingly consists in the features of construction, combination of elements and arrangement of parts which will be exemplified in the construction hereinafter described, and the scope of the application of which will be indicated in the appended claim.

In the accompanying drawing:

Figure 1 is a fragmentary elevation of a blind or shutter with its slats or louvers showing the reinforcement or mender constructed in accordance with the invention applied;

Fig. 2 is an enlarged sectional view on the line 2—2 of Fig. 1;

Fig. 3 is a fragmentary edge elevation of the slat with the mender or reinforcement thereon;

Fig. 4 is a plan view of the device prior to the bending or shaping thereof.

Similar reference characters indicate corresponding parts throughout the several views of the drawing.

Referring to the drawing in detail, A designates a portion of the frame of a blind or shutter and B the slats, each being of the ordinary well known construction, and on the end of each of said slats is mounted the reinforcement or mender hereinafter fully described.

The reinforcement or mender comprises a body preferably made from metal, including a medial portion 5 and side wings 6 which are foldable upon crease lines 7 longitudinally of the body, the wings 6 being co-extensive with the medial portion 5 which is adapted to abut the end of the slat when the pivot stud is broken therefrom, while the wings 6, when folded, overlap opposite side faces of said slat. It is, of course, understood that the body is made in the proper size according to the width and thickness of the slat, which slats vary in different makes of blinds or shutters. On the opposite ends of the wings 6 are bendable tongues 7' which are foldable on the crease lines 8 so that the tongues 7' of each pair at opposite ends of the wings 6 will lie one upon the other, and passed therethrough are brads or nails, although other like fasteners can be employed, which are driven into the slat, thus securing the reinforcement or mender in place and firm on the slat for preventing the breaking thereof or the splitting of the same, as the body embraces the end of the slat and forms a socket therefor.

Formed centrally of the medial portion 5 is a stud 10 providing a pivot lug for the slat when hung or placed in the frame of the shutter or blind in the ordinary well known manner.

It will be apparent that when the body is shaped to fit the slat it will form a thimble or ferrule therefor so that the slat is reinforced at its end, and this mender or reinforcement with its stud serves as a pivot connection between the frame of the blind or shutter and the slat, as will be obvious.

From the foregoing description, taken in connection with the accompanying drawing, the construction and operation of the herein described slat mender will be readily apparent and, therefore, a more extended explanation has been omitted.

Having thus described my invention, I claim:

5 A slat reinforcement formed from a single blank having spaced longitudinal creases to provide a medial portion and side wings foldable on the crease lines whereby the medial portion may be made to abut the end of a slat and the side wings the side faces thereof, the side wings having tongues extending from their opposite ends for folding down against the opposite edges of the

slat, the tongues of one wing lying on top of the tongues of the other wing when in such bent position, and fasteners passing through the tongues for engagement with the edges of the slat, whereby the wings throughout their length may be made to lie snugly against the sides of a slat despite its varied thickness with reference to another slat of like character. 15

In testimony whereof I affix my signature. 20
CLEMENT VICTOR HYMEL.