Aug. 24, 1948. J. R. MARSTON 2,447,706

VENETIAN SLAT

Filed Feb. 15, 1946

Fig. 1.

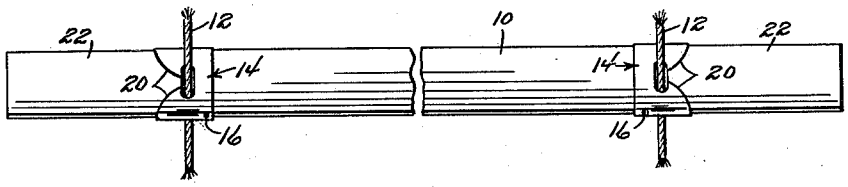


Fig. 2.

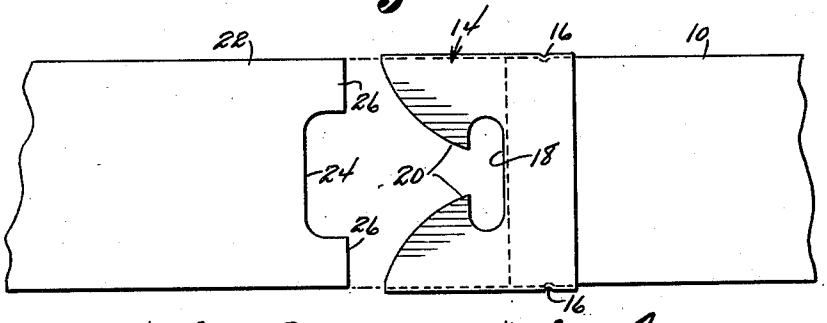


Fig. 3.

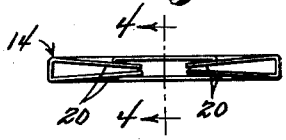


Fig. 4.



Fig. 5.

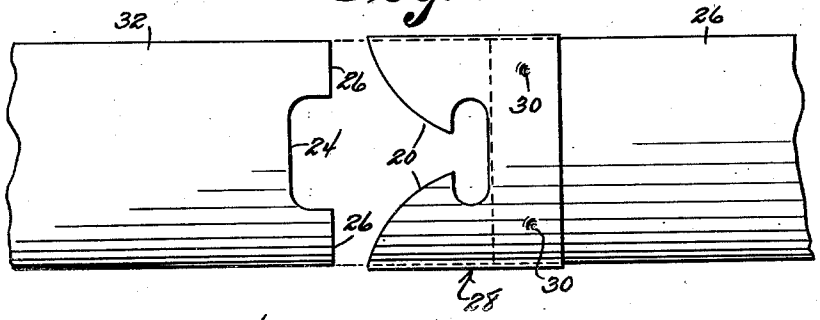


Fig. 6.



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Patented Aug. 24, 1948 2,447,706

UNITED STATES PATENT OFFICE

2,447,706

VENETIAN SLAT

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Application February 15, 1946, Serial No. 647,698

3 Claims. (Cl. 160—173)

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This invention relates to improvements in slats for Venetian blinds and the primary object of the invention is to provide a slat that can be easily removed for cleaning.

Another object of the invention is to provide a slat which by its construction will save material that in the construction of conventional slats has had to be discarded.

With the above and other objects and advantages in view the invention consists of the novel details of construction, arrangement and combination of parts more fully hereinafter described, claimed and illustrated in the accompanying drawing in which:

Figure 1 is an elevational view of an embodiment of the invention as applied to a flat slat.

Figure 2 is an enlarged detailed view of the connecting means for the slat.

Figure 3 is an end view of a flat connector.

Figure 4 is a sectional view on the line 4—4 of Figure 3.

Figure 5 is a modified form of the invention as applied to a curved slat and

Figure 6 is an end view of the curved connector.

Referring more in detail to the drawing the reference numeral 10 designates the main body of the slat which is of conventional breadth and thickness but in length terminates intermediate of but adjacent to the control cords 12.

To permit the slat to be removed from the cords 12 a connector 14 is positioned on the opposite ends of the slat 10 and retained thereon by punched indents 16.

The connector 14 is made from a flat piece of springy material which is bent to conform to the shape of the slot and the meeting edges thereof brazed or soldered as the material warrants.

The connector 14 is provided with the conventional elongated slot 18 which receives the control cords 12 and extending from the slot 18 in oppositely curved directions are the jaws 20 which due to the spring tensioned nature of the material from which the connector is made will incline toward each other as shown in Figure 3.

The jaws 20 are oppositely positioned with relation to each other and perform a clamping effect on the end pieces or inserts 22 which are uniform in breadth and width to slat 10 and of a length to make the composite slat the length of a conventional slat, i. e., depending upon the width of the window for which the blinds are made, since it is well known that blinds are made for widths of windows of various sizes.

The inner end of the pieces or inserts 22 are provided with the half slot 24 and the abutment shoulders 26 which contact the end of the slat 10 within the connector 14. The slot 24 will when in position conform to the slot 18 and a slat will be formed that is of conventional length and not too much unlike the conventional slat.

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In Figures 5 and 6 the construction as previously described, prevails except that slat 26 is curved in cross section as are the end pieces 32 and the connector 28 is shaped to conform to the curved slat and the indents 30 are on the face and undersurface rather than the edge surface as shown in Figure 2.

It is believed that the construction of the invention as well as its operation will be obvious to those skilled in the art since removal of the end pieces 22 will permit the entire slat to be removed for cleaning without dismantling the blind as is the usual procedure and the ends can be made of scrap material which in the past has had to be discarded since such material was not of the desired length to make a blind.

It is to be understood that changes in the details of construction, arrangement and combination of parts may be resorted to without departing from the spirit of the invention or the scope of the appended claims.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

1. A device of the character described, comprising a composite slat having a main body and end pieces and a connector for removably connecting said end pieces to said main body, an elongated slot in said connector to receive control cords for said slat, said body and end pieces being joined in end to end relation, and said end pieces each formed at its joined end with a half slot to conform with the slot in the associated connector, and abutment shoulders on said end pieces adapted to engage the end of the main body within the connector.

2. The invention as in claim 1 wherein said slat is curved in cross section and the connector is made of a springy material securely fastened to the main body and having opposed springy jaws to firmly retain the end pieces in position with relation to said main body.

3. The invention as in claim 1, wherein said slat is flat in cross-section and the connector is made of a springy material securely fastened to the main body and having opposed springy jaws to firmly retain the end pieces in position with relation to said main body.

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The following references are of record in the file of this patent:

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