April 16, 1929. H. RODSTEIN ET AL 1,709,374

BEDSTEAD

Filed Jan. 27, 1926

Fig. 1

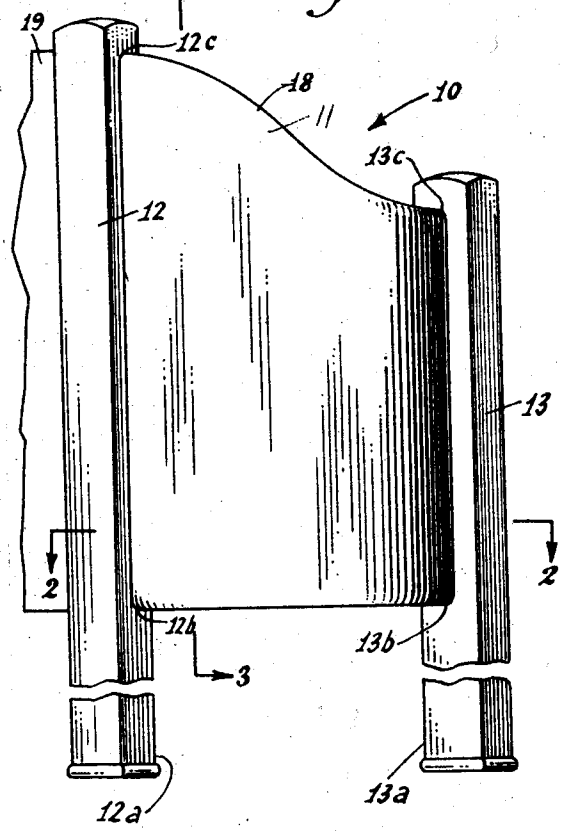


Fig. 3

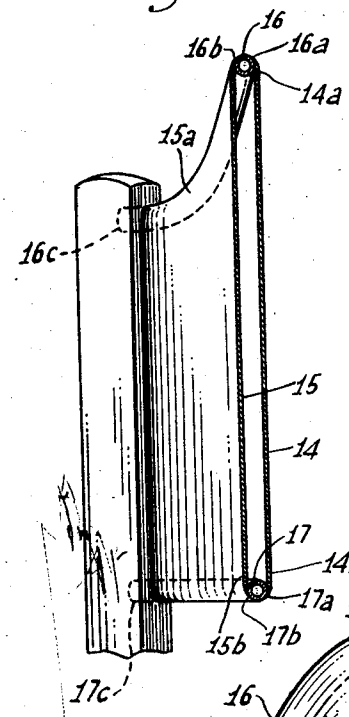


Fig. 4

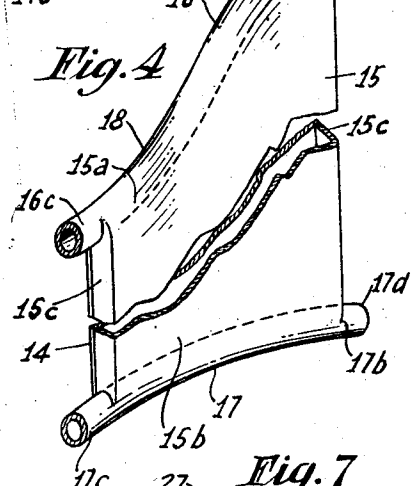


Fig. 2

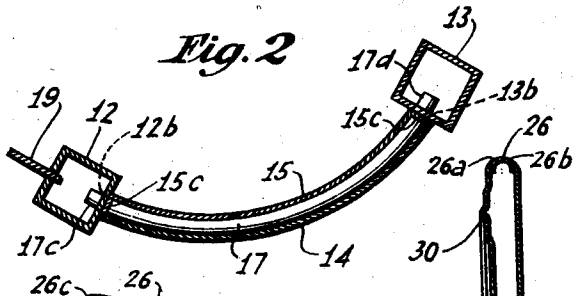


Fig. 5

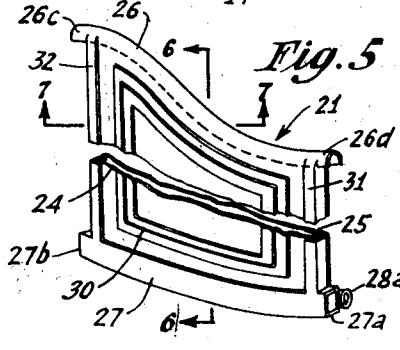


Fig. 6

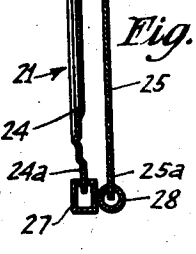
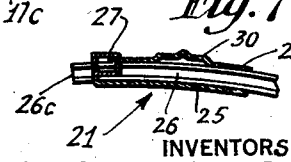


Fig. 7



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UNITED STATES PATENT OFFICE.

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BEDSTEAD.

Application filed January 27, 1926. Serial No. 83,988.

This invention relates to bed steads and more particularly is directed to an improved panel construction adapted to be incorporated in the foot and head-boards of metallic beds.

An object of the invention is to provide an improved double walled panel construction of sheet metal for incorporating in the foot or headboard of a bed, which shall be neat and ornamental in appearance, comparatively cheap to manufacture, easy to assemble and install to form a strong, light foot or headboard structure, and practical to a high degree for the purposes described.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

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

In the accompanying drawing, in which is shown one of the various possible illustrative embodiments of this invention,

Fig. 1 is a fragmentary front elevational view showing a wing panel of a bed foot board embodying the invention;

Figs. 2 and 3 are cross-sectional views, taken on lines 2—2 and 3—3 respectively of the panel shown in Fig. 1;

Fig. 4 is a perspective view partly broken away of the improved panel as seen from the rear side thereof;

Fig. 5 is a perspective view partly broken away of a modified form of panel construction embodying the invention as seen from the front side thereof; and

Figs. 6 and 7 are cross-sectional views taken on line 5—5 and 6—6 respectively of the panel shown in Fig. 5.

Referring in detail to the drawing, 10 denotes a bow-shaped footboard of a metallic bed embodying the invention, only a fragmentary portion showing the improved side or wing panel 11 construction and installation being shown. Said foot board 10 comprises pairs of spaced, tubular middle and end stanchions 12 and 13 respectively. Only one of each being shown, a center panel 19 fixedly secured between the pair of middle stanchions 12 in any well understood manner, and a wing panel 11 interconnected to each of the middle stanchions 12 with an end stanchion 13 to form a rigid structure, the lower end portions of said stanchions being extended to serve as middle and end legs 12^a and 13^a respectively.

As shown, each wing panel 11 is of hollow construction and is made of sheet metal having a front wall 14 and a rear wall 15, spaced parallelly therefrom, to form a light and durable structure and so as to give the panel a massive appearance. The sheets forming the walls 14 and 15 are both substantially alike in shape and size and may be arcuately bent transverse the height of each panel to give the bow-shape to the foot-board. The upper edges 14^a and 15^a of said walls are preferably cut to fashion the panel 11 for giving it a pleasing shape such as shown in Figs. 1 and 4.

To retain the walls 14 and 15 in spaced relation and to form the top side 18 of the panel 11, the upper edge portions 14^a and 15^a of said walls 14 and 15, respectively, are permanently secured in any suitable manner to the opposite sides of a cross member 16 as by welding said wall portions 14^a and 15^a to form seams 16^a and 16^b, respectively, with the sides of said member 16. The welded seams are preferably ground to form a smooth, even and continuous exterior surface on said panel.

In a like manner, the lower edge portions 14^b and 15^b of said walls 14 and 15 respectively may be welded to form seams 17^a and 17^b respectively with the sides of a lower cross member 17.

If desired additional means may be provided for evenly spacing said walls from each other. Said means are preferably formed integral with either of said walls, as for example as shown in Fig. 2, the rear wall 15 is made with forwardly bent side flanges 15^c for abutting the front wall 14.

The cross members 16 and 17 may be made of material of any desired cross-sectional such as oval, square, rectangular, semi-circular, or as shown in Figs. 1 and 4, are formed of circular tubing. Said cross members 16 and 17 have their opposite ends 16^c, 16^d, and 17^c, 17^d, respectively, projecting beyond the sides of the panel and suitable

openings 12^b, 13^b, 12^c, 13^c, are provided in the stanchions 12 and 13 for receiving said ends.

To mount the panel 11 between the stanchions 12 and 13 the ends 16^a, 16^b, 17^a, and 17^b are inserted into the stanchion openings 12^b, 13^b, 12^c, and 13^c, respectively. The panel 11 is then secured against movement relative to the stanchions 12 and 13 by anchoring said ends in their respective stanchion openings by welding or in any other suitable manner, so that the assembled structure is strong and rigid, yet simple and of light construction.

In Figs. 5, 6 and 7 a modified panel construction is shown embodying the invention. In said figures, 21 denotes a panel which is made to incorporate therein ornamental features and is seen to comprise spaced front and rear walls 24 and 25, respectively, welded at their upper edge portions along seams 26^a and 26^b to the opposite sides of a cross member 26 of semi-circular cross-section. The opposite ends 26^c and 26^d of member 26 are extended beyond the side of the panel and serve the same purpose as do the projecting ends 16^c and 16^d of member 16 on panel 10 described above.

The front wall 24 may be formed to carry a suitably designed ornamentation 30 on the outer surface thereof and a suitable border member such as tubular member 27 of rectangular cross section may be provided to extend along the lower edge portion 24^a of the front wall 24. If desired, the lower edge portion 25^a of the rear wall 25 may have a tubular finishing border member 28 applied thereto and either one or both of said border members 27, 28 may have their ends 27^a and 28^a, respectively, extended beyond the sides of the panel to take the place of the projecting ends 17^a and 17^b of member 17 on the panel 10 described above.

The panel may be also provided with suitable finishing edge border members such as tubular members 31, 32, secured to extend along the side edges of the front wall 24 as shown in Figs. 5 and 7.

The panel 21 may be incorporated in a foot board or like structure by fixedly anchoring same between stanchions in the manner described above for panel 10.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

Having thus described our invention, we claim as new and desire to secure by Letters Patent:—

1. In a foot or headboard, a panel comprising a front and rear sheet, and a cross member secured between and along the top edge portion of said sheets forming a double wall structure, and a cross member secured to the bottom edge portion and extending over the front sheet, said cross members having the end portions thereof projecting beyond the sides of the panel as and for the purpose described and specified.

2. In a foot or headboard, a panel comprising a front and rear sheet, and a cross member secured between and along the top edge portion of said sheets forming a double wall structure, and a cross member secured to the bottom edge portion and extending over the front sheet, and border members extending over the side edge portion of the front sheets adapted to serve as an abutment means for said panel.

3. In a foot or headboard, a panel comprising a front and rear sheet, and a cross member secured between and along the top edge portion of said sheets forming a double wall structure, and a cross member secured to the bottom edge portion and extending over the front sheet, and border members extending over the side edge portion of the front sheets adapted to serve as an abutment means for said panel, the front sheet having raised ornamentation extending thereover to provide a stiffening brace therefor.

In testimony whereof we affix our signatures.

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