

(No Model.)

2 Sheets—Sheet 2.

Z. T. JONES.
BEDSTEAD.

No. 571,768.

Patented Nov. 24, 1896.

Fig. 4.

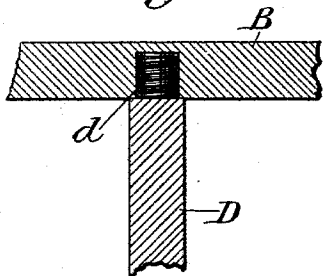


Fig. 5.

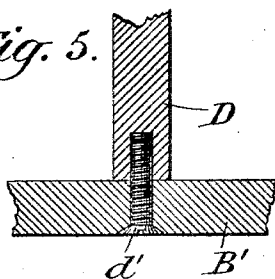
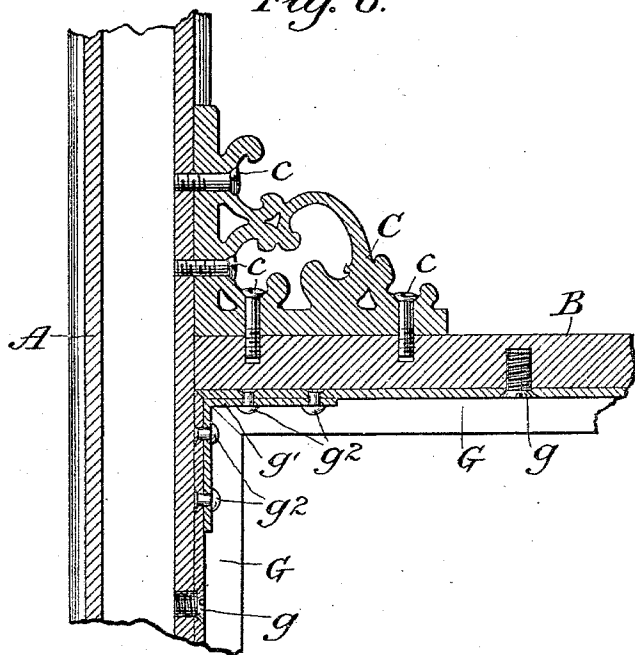


Fig. 6.



WITNESSES:

W. H. Maynard
A. N. Jespersen

INVENTOR

Zachary Taylor Jones
BY
Redding Kiddle
ATTORNEY

UNITED STATES PATENT OFFICE.

ZACHARY TAYLOR JONES, OF NEW YORK, N. Y.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 571,768, dated November 24, 1896.

Application filed February 25, 1896. Serial No. 580,723. (No model.)

To all whom it may concern:

Be it known that I, ZACHARY TAYLOR JONES, a citizen of the United States, and a resident of the city and county of New York, State of New York, have invented certain new and useful Improvements in Bedsteads, of which the following is a specification, reference being had to the accompanying drawings, forming a part hereof.

The general object which I have had in view is the production of bedsteads of novel and highly artistic appearance and capable of treatment in color and style of decoration in harmony with the scheme of decoration of the rooms in which they may be placed. In striving to obtain this object I have invented certain novel features in the mechanical construction of bedsteads which enable the desired result to be secured with the greatest facility and which, regardless of this general object, are productive of decided improvements in the manufacture of bedsteads, particularly of such as are made wholly or in part of metal. These features of improvement, wherein my present invention consists, will be fully described hereinafter with reference to the accompanying drawings, in which—

Figure 1 is an elevation of the head or foot board of a bedstead constructed in accordance with my invention. Fig. 2 is a horizontal section thereof. Fig. 3 is a partial horizontal section, but on a larger scale than that of Fig. 2, to illustrate the construction more clearly. Figs. 4, 5, and 6 are detail views, in vertical section, illustrating features of construction to be referred to hereinafter.

The relations of the various features of construction to be referred to herein will be more readily appreciated if it is understood in the beginning that in order to carry into effect the ideas of decoration which I have in mind I contemplate the use of large sheets or panels of metal, either perforated or not, to secure the effects which I desire, and that by the structural features which I have invented I have sought mainly to provide means whereby the metal can be used in thin sheets to avoid excessive weight and whereby such thin metal sheets can be properly secured in the framework of the bedstead and suitably supported against flexure.

As is usual in bedsteads of the general character of those with which my invention is particularly concerned the side pieces and the head and foot boards are supported by corner-posts A A, as indicated in Fig. 1, which may be of varying construction and design, according to the requirements of each case, being shown in Figs. 1, 2, and 3 as substantially square hollow posts of metal. At a suitable distance apart top and bottom rails B B' are secured to the corner-posts A A, forming therewith a supporting-frame. These are secured in any suitable manner, preferably by angle-pieces C C, as represented in Figs. 1 and 6, these being held to the post and the rail by screws *c c*. Vertical bars D D may be introduced between the rails B B' at such intervals as are desired to divide the space suitably. They may be secured in any suitable manner. As represented, each bar has a screw-threaded stem *d*, which engages a corresponding hole in the upper rail B and is secured at its foot by a screw *d'*, which passes through the rail B'.

In accordance with my scheme of decoration one or more of the spaces between the bars D D and the corner-posts A A are fitted with panels having metallic surfaces, and in order that the panel may be stiff enough to resist flexure and yet be not too heavy it is composed of a thin sheet E, of metal or other facing material, preferably on each face, with an intermediate sheet F, of thick cardboard or of wood or other suitable backing material, which shall have sufficient stiffness and shall be light in weight.

The facing-sheet E may be continuous, as represented in the central panel in Fig. 1, or it may be etched out or perforated, as represented in the side panels and as shown clearly in Fig. 3. If the facing-sheets are perforated or etched, the surface of the intermediate sheet F is suitably colored or otherwise treated to give the desired effect.

To secure the panels in place, I have provided channel-irons G G, which are beveled at their ends, as shown in Fig. 6, and are secured to the supporting-rails, corner-posts, and bars by screws *g*. The joints of the corners may be further strengthened, if desirable, by angle-irons *g'*, secured by bolts or nuts *g*². By these means the compound pan-

els, which have their edges entered in the channel-irons, as clearly represented, are securely and firmly held. In assembling the parts the top rail B is first secured to the corner-posts, the vertical bars are fastened to the top rail, and the channel-irons for the top and two sides of each panel are put in place. Then the compound panels are inserted from the bottom and the bottom rail B', having the bottom channel-irons thereon, is secured in place.

It will be obvious that with my improved construction not only are the bedsteads both strong and light, even if the facing-sheets of the panels are of metal, but that they can be manufactured without difficulty and at the least expenditure of labor. Moreover, that with open-work of facing-sheets any desirable backing can be employed or a backing of one color or quality substituted for another.

I am aware that the head and foot boards of wooden bedsteads have been constructed heretofore by mortising the corner posts or pieces to receive the panels, but I do not seek to cover such construction. My improvements have been devised with particular reference to the construction of metallic bedsteads which it is desired to provide with composite paneling. By reason of the nature of the materials employed it is necessary to assemble the parts of the frame and thereafter to apply the panels. It is also desirable that it should be possible to substitute one panel for another of a different color or style of decoration. For these reasons the construction of wooden bedsteads such as I have just referred to is not available for my purposes; but I find it essential to employ the

construction set forth in the claims hereinafter.

What I claim, and desire to secure by Letters Patent, is—

1. In a bedstead, the combination with a supporting-frame comprising vertical and horizontal bars, of channel-irons formed independently of said bars, means to secure said channel-irons to said bars and a panel composed of sheets of material having their edges inserted in and held together by said channel-irons, substantially as shown and described.

2. In a bedstead, the combination with a corner-post and top and bottom rails, of channel-irons formed independently of said posts and rails, means to secure said channel-irons to said posts and rails, angle-irons inserted in said channel-irons at their points of meeting and secured thereto and a panel having its edges inserted in said channel-irons, substantially as shown and described.

3. In a bedstead, the combination with a supporting-frame comprising vertical and horizontal bars, of channel-irons formed independently of said bars, means to secure said channel-irons to said bars and a panel comprising a sheet of backing material and a sheet of open-work metal, said sheets having their edges inserted in and held together by said channel-irons, substantially as shown and described.

This specification signed and witnessed this 11th day of February, A. D. 1896.

ZACHARY TAYLOR JONES.

In presence of—

HERMAN STEIGER,
HENRY RAINEY.