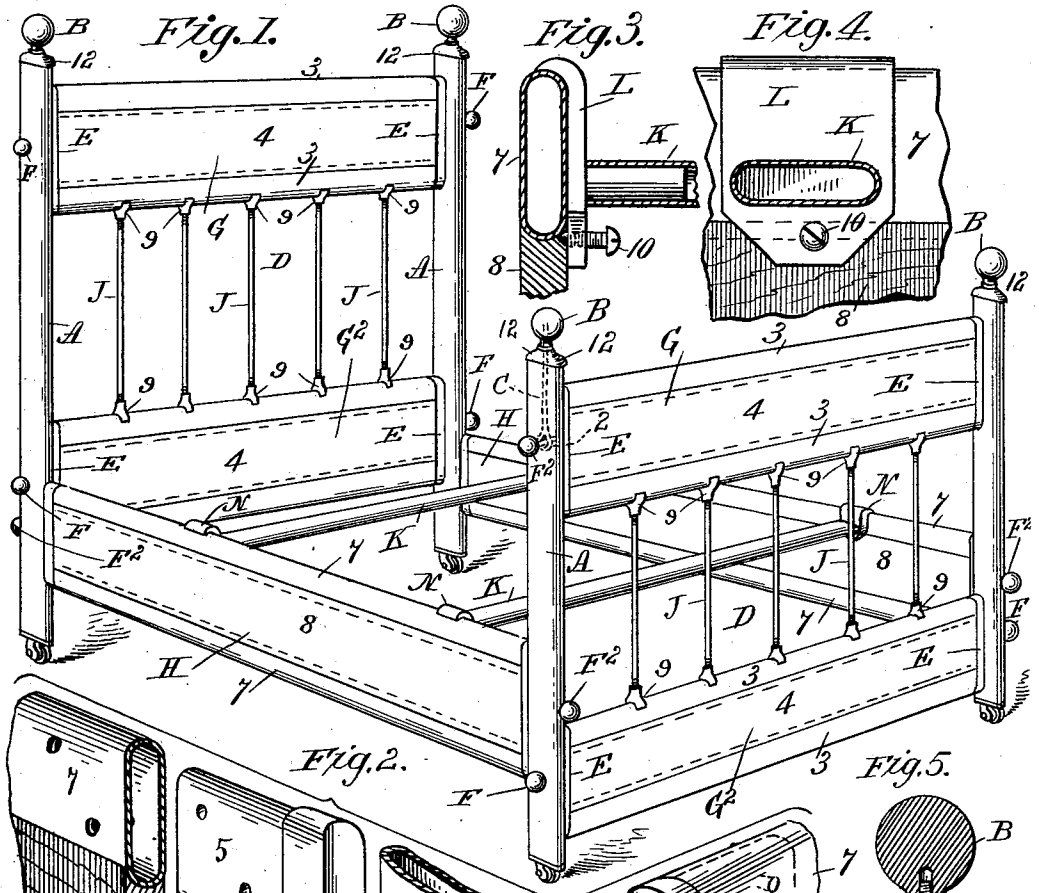
No. 608,545. Patented Aug. 2, 1898.

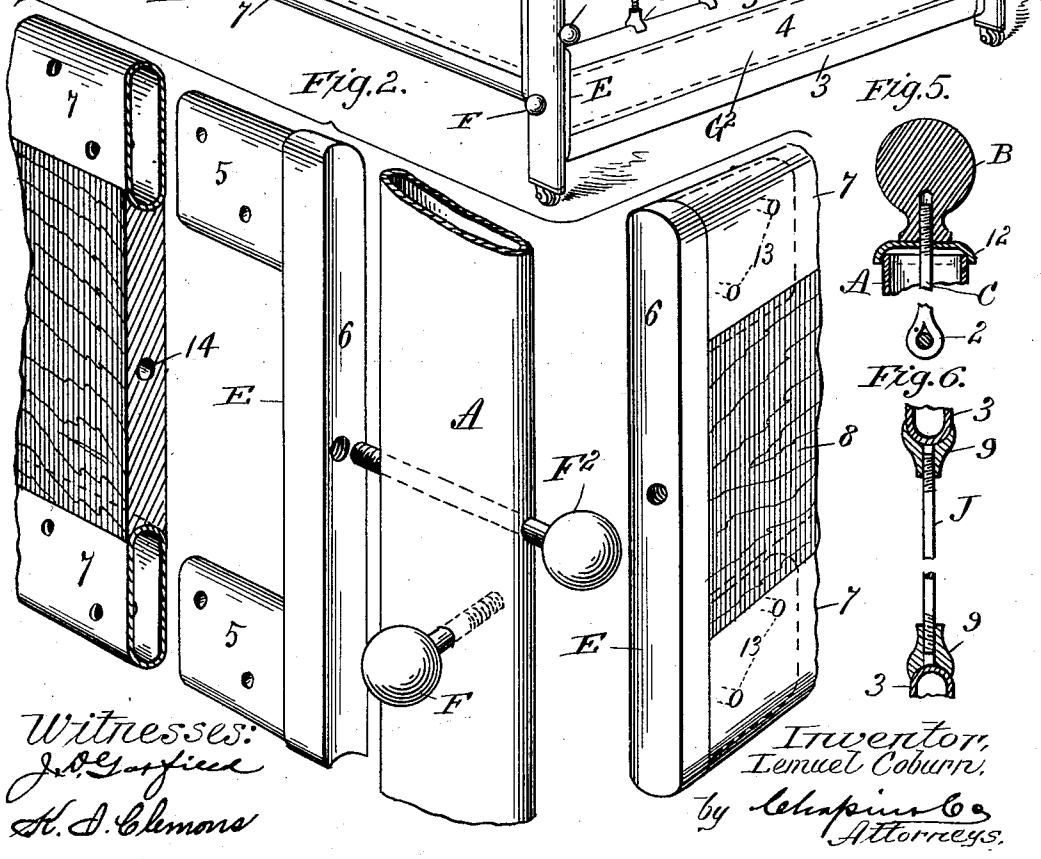
L. COBURN.

BEDSTEAD.

(Application filed Nov. 17, 1897.)

(No Model.)





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UNITED STATES PATENT OFFICE.

LEMUEL COBURN, OF HOLYOKE, MASSACHUSETTS, ASSIGNOR TO THE COBURN METALLIC BED AND PNEUMATIC TUBE MATTRESS COMPANY, OF SAME PLACE.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 608,545, dated August 2, 1898.

Application filed November 17, 1897. Serial No. 658,855. (No model.)

To all whom it may concern:

Be it known that I, LEMUEL COBURN, a citizen of the United States of America, residing at Holyoke, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Bedsteads, of which the following is a specification.

This invention relates to bedsteads of composite construction as to materials in that both metal and wood are used in making certain frame parts thereof, the object being to provide a bedstead of improved strength and appearance as to the frame parts intermediate of the posts both at the sides and ends of the bedstead and containing improved connecting and ornamental devices; and the invention consists in the peculiar construction and arrangement of the various parts of the bedstead, all as hereinafter fully described, and more particularly pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a perspective view of a bedstead embodying my improvements. Fig. 2 illustrates in enlarged perspective views certain detail parts of the structure, which are hereinafter fully described. Figs. 3, 4, 5, and 6 illustrate detail parts which are fully described below.

In the drawings, A A indicate the corner-posts of the bedstead, which are surmounted by the spherical knobs B, the latter being screwed onto an eyebolt C, whose eye 2 enters into the upper end of said post or posts A and is there engaged by a transversely-located bolt F^2 in each of said posts. A cap 12, having depending borders, as shown, is placed between the base of said post-knobs B and the end of the post therefor, the eyebolt C being attached to the post, as described. Said knob B may be firmly screwed against said cap 12, thus firmly attaching the knob to the post.

Each end frame D of the bedstead comprises two composite paneled frames G G^2, one above the other, as shown in Fig. 1, and a series of vertical rods J, each rod having a saddle 9 at the opposite ends thereof engaging the metallic bars 3 of two of said panels, actuated by right and left screw-threads on said vertical rods, whereby said rods and saddles are secured firmly between said panels by simply turning the rods. If desired, said rods and saddles may be omitted. Each of said paneled frames comprises two metallic bars 3, preferably tubular and of oval form in cross-section, said form providing a circular edge of the preferred shape for engagement with the wooden panel 4, which is interposed between said two metallic bars. Fig. 2 clearly illustrates the said panel-and-bar construction, wherein it is shown that the opposite or upper and lower borders of said panel are grooved to receive the curved edges of said two metallic bars, thereby holding said panel firmly therebetween. It is obvious that some other form than said circular one on said metallic bars may be adopted for engagement with said panel 4, whereby the object—viz., to provide such a form of metal rails as will suitably engage and hold the panel against lateral movement without other means of interattachment—may be attained. Two end brackets E E (see Fig. 2) are provided for each of said panels 4, each bracket having two arms 5 for entrance into and engagement with (either frictional or by transverse fastenings) the ends of said metallic bars. If transverse fastenings be desired, they may be inserted through holes 13 in said bars and said arms 5. The borders 6 of said brackets E, which bear against the curved edge of said metallic bars 3, are concaved, as shown in Fig. 2, to the end that the brackets, when secured against said posts A, as below described, shall be firmly held against displacement. Said panels 4 4 and also the panels 8 8 of the side frames H are preferably of some dark-colored wood, which will form an agreeable contrast to a white enamel or some plated finish upon the iron-work of the bedstead. The foregoing description of the construction of said paneled frames G G^2 applies substantially to that of the side panels or frames H, the borders 6 of the brackets E in the last-named frame being made to conform to the shape of the sides of the posts A against which they are secured. The above-named bolts F^2, passing through

the said posts A and screwing into the brackets E and having their inner ends enter a suitable cavity 14 in the end of said wood panels, serve to secure the ends of each of said panel-frames G, G^2, and H to said posts and to provide additional means for holding said wood panels in their frames, and those bolts, near the upper ends of the said posts, serve, as aforesaid, to anchor the eyed end of said eyebolt or connecting-rod C and the knob B, screwed to the latter, firmly to the ends of said posts.

If desired, a serviceable but less ornamental bedstead may be made by shortening the corner-posts A and omitting the upper panels G G of said head and foot frames and the rods J and their saddles 9. Thus reduced the bedstead would consist, substantially, of the four posts A, the two side panels H H, and the two lower end panels G^2 G^2.

The means herein employed for supporting a mattress or the bedding consist of the transverse metallic bars K, preferably tubular, having brackets L attached to each end thereof, as shown in Figs. 3 and 4. Said brackets are of hook form at the upper end for engagement with the upper edge of the rail 7, a screw 10 being inserted to engage the under edge of said rail, thereby holding the bracket firmly on the rail. If desired, said screw 10 may be omitted. Fig 1 illustrates a modified construction of said bracket L in the bracket N there shown on the ends of the rail K, said bracket N being attached in any suitable manner to said rail and having simply a hook engagement with the latter.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A composite bedstead constructed from metal and wood having metallic posts, several panel-frames uniting said posts, each of which frames consists of two metallic end brackets, and two metallic bars secured by their ends between said brackets in separated relations, thereby forming an open metallic frame, a panel of wood inserted in each of said frames and engaging the borders of said bars, and screw-bolts passing through said posts and engaging said brackets, whereby said posts and panel-frames are firmly united, substantially as set forth.

2. In a composite bedstead made from metal and wood, head and foot portions therefor, each of which comprises two metallic posts, two panel-frames uniting said posts, each of which frames consists of two metallic end brackets and two metallic bars secured by their ends between said brackets in separated relations, thereby forming an open metallic frame, a panel of wood inserted in each of said frames and engaging the borders of said bars, thereby forming panel-frames of wood and metal, two like panel-frames constituting the sides of the bedstead extending between said head and foot portions, and bolts passing through said posts and engaging said brackets, thereby firmly uniting said posts and panel-frames, substantially as set forth.

3. In a composite bedstead made from metal and wood, head and foot portions therefor, each of which comprises two metallic posts, two panel-frames uniting said posts, each of which frames consists of two metallic end brackets and two metallic bars secured by their ends between said brackets in separated relations, thereby forming an open metallic frame, a panel of wood inserted in each of said frames and engaging the borders of said bars, thereby forming panel-frames of wood and metal, a series of vertical end bars each screw-connected to two saddles, secured between the upper and lower panels of said head and foot portions, two like panel-frames constituting the sides of the bedstead extending between said head and foot portions, and bolts passing through said posts and engaging said brackets, thereby firmly uniting said posts and panel-frames, substantially as set forth.

4. A composite bedstead constructed from metal and wood having tubular metallic posts, several panel-frames uniting said posts, each of which frames consists of two metallic end brackets and two tubular metallic bars secured by their ends between said brackets in separated relations, thereby forming an open metallic frame, a panel of wood inserted in each of said frames and engaging the borders of said bars, and screw-bolts passing through said posts and engaging said brackets, whereby said posts and panel-frames are firmly united, substantially as set forth.

5. A composite bedstead constructed from metal and wood having tubular metallic posts, several panel-frames uniting said posts, each of which frames consists of two metallic end brackets, and two tubular metallic bars secured by their ends between said brackets in separated relations, thereby forming an open metallic frame, a panel of wood inserted in each of said frames and engaging the borders of said bars, screw-bolts passing through said posts and engaging said brackets and the ends of said wood panels, and knobs on the upper extremity of said posts, and an eyebolt within each post whose eye engages one of said bolts to the upper extremity of which eyebolt said knob is screwed, substantially as set forth.

6. In a composite bedstead made from metal and wood, head and foot portions therefor, each of which comprises two metallic posts, two panel-frames uniting said posts, each of which frames consists of two metallic end brackets and two metallic bars secured by their ends between said brackets in separated relations, thereby forming an open metallic frame, a panel of wood inserted in each of said frames and engaging the borders of said bars, thereby forming panel-frames of wood and metal, a series of vertical end bars each screw-connected to two saddles, secured between the upper and lower panels of said head and foot portions, two like panel-frames consti-

tuting the sides of the bedstead extending between said head and foot portions, bolts passing through said posts and engaging said brackets, thereby firmly uniting said posts and panel-frames, and mattress-sustaining bars extending between certain of said panels and engaging the same, substantially as set forth.

7. In a composite bedstead made from metal and wood, head and foot portions therefor, each of which comprises two metallic posts, two panel-frames uniting said posts, each of which frames consists of two metallic end brackets and two metallic bars secured by their ends between said brackets in separated relations, thereby forming an open metallic frame, a panel of wood inserted in each of said frames and engaging the borders of said bars thereby forming panel-frames of wood and metal, two like panel-frames constituting the sides of the bedstead extending between said head and foot portions, the mattress-sustaining cross-bars K, having the brackets L, secured to their ends for engagement with the said side panel-frames, and means for securing said brackets on said frames, substantially as set forth.

8. In a composite bedstead made from metal and wood, head and foot portions therefor each of which comprises two tubular metallic posts A, A, two panel-frames G, G^2, uniting said posts, each of which frames consists of two metallic end brackets E, E, each having the arms 5, 5, thereon, and the concave border 6, for engagement with said posts, two tubular metallic bars 3, 3, the ends of which receive, and are secured to, said arms, thereby forming an open metallic frame, a panel 4, of wood having grooved borders for engagement with said bars inserted therebetween in said frame, side panel-frames H, H, for said bedstead of like construction to the above-described ones, and screw-bolts F, and F^2, passing through said posts and engaging said brackets and the ends of said wood panels, substantially as set forth.

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