Feb. 14, 1956 J. E. ENTWISTLE 2,734,202

BEDFRAME HAVING MOBILE BOOKCASE HEADBOARDS

Filed July 6, 1953

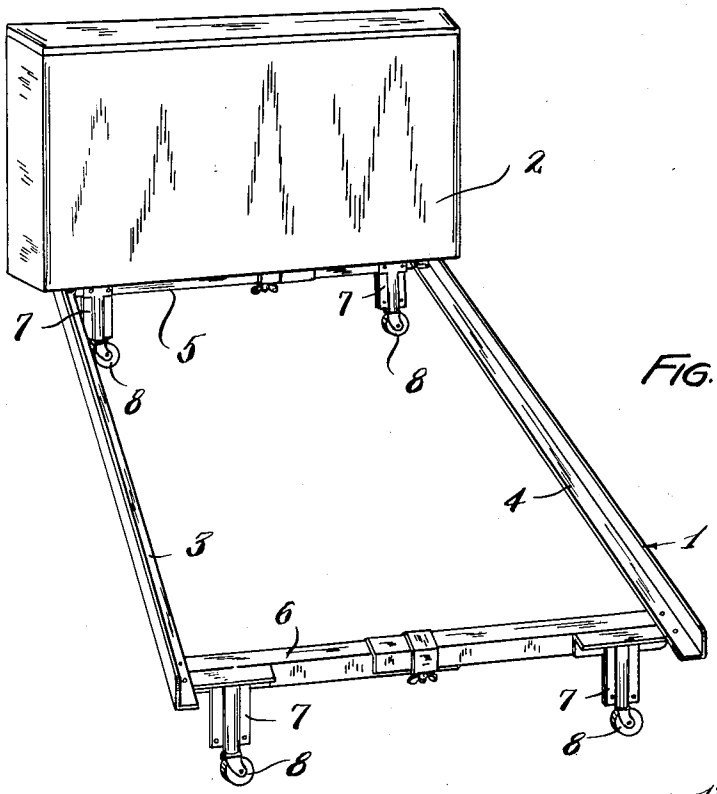


FIG. 1

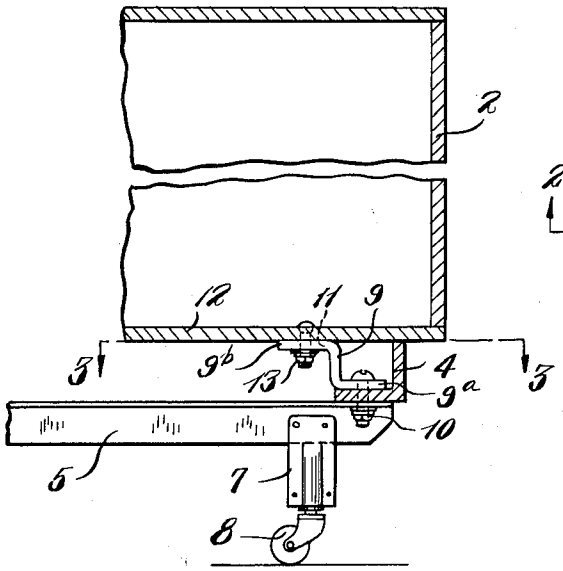


FIG. 2

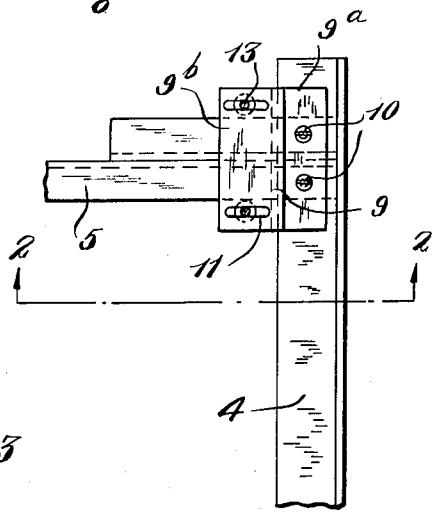


FIG. 3

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United States Patent Office 2,734,202 Patented Feb. 14, 1956

2,734,202

BEDFRAME HAVING MOBILE BOOKCASE HEADBOARDS

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Application July 6, 1953, Serial No. 366,331

6 Claims. (Cl. 5—53)

This invention relates to bedframes, especially to Hollywood style bedframes that are provided with bookcase type headboards.

There has been appreciable effort at various times to provide bookcases or other large bulky structures in combination with bed headboards. Obviously these bookcases are of relatively large, heavy construction and may be difficult to secure to the bedframe. Consequently headboards of this type as made before have been so heavy as to make it very difficult to move the bed to which they are attached for cleaning or other purposes, and also the large bookcase style headboards have usually had at least some waste space in their assemblies with bedframes. In small homes of course, any waste space is highly objectionable.

A general object of the present invention is to provide a novel type of a bedframe in combination with means for mobiley positioning bookcase type headboards thereon.

Another object of the invention is to provide a bedframe with novel support brackets positioned in special relationship therewith to aid in positioning a relatively heavy bulky headboard on the bedframe.

Another object of the invention is to provide elongate brackets of substantially Z-shape in section for being secured to a portion of the bedframe so that a bookcase type of a headboard can be supported on such bracket without interferring with mattress and/or spring means also carried by the bedframe.

Yet another object of the invention is to "float" a heavy, bulky headboard on a bedframe by the ordinary caster means used for supporting the bedframe whereby the bedframe is rendered mobile and can be readily moved around so that the ordinarily inaccessible space in the headboard below the spring and mattress of the bed can be used for additional storage room.

Another object of the invention is to provide a sturdy, uncomplicated type of a bedframe which can be readily assembled by substantially unskilled labor at the point of use to have a bed headboard of the bookcase type supported directly on such bedframe.

Yet other objects of the invention are to support a headboard directly over the cross-rails and caster supports of a bedframe; to balance a relatively heavy headboard on the head end of a bedframe; and to support a bookcase style headboard in a novel manner on a bedframe.

The foregoing and other objects and advantages of the invention will be made more apparent as the specification proceeds.

In the accompanying drawings and the specification, corresponding numerals are used to refer to corresponding parts to facilitate comparision therebetween.

In order to understand the invention more completely, reference should be had to the accompanying drawings wherein one currently preferred embodiment of the invention is shown, and wherein:

Fig. 1 is a perspective view of the assembly of a bedframe and bookcase type headboard of the invention;

Fig. 2 is an enlarged vertical section taken on line 2—2 of Fig. 3 with the bookcase type headboard being shown on the bedframe; and

Fig. 3 is a horizontal section taken on line 3—3 of Fig. 2.

The present invention relates to a Hollywood bedframe including a pair of side rails, cross-rails means extending between the side rails and forming a unit therewith, support means for the side and cross-rail unit, and brackets secured to each of the side rails on an upper surface thereof and extending laterally inwardly and upwardly of the bedframe so that the upper portions of the brackets terminate level with the upper portions of the side rails. Bookcase type of headboard means are positioned extending transversely of the bed and are supported directly on the upper portions of the brackets and the upper portions of the side rails to provide a plurality of laterally spaced supports in the bedframe for the headboard means.

In the accompanying drawings, a bedframe is indicated as a whole by the numeral 1 and such bedframe is of the Hollywood type and is shown as positioning a bookcase type of a headboard 2 directly on the bedframe 1.

The bedframe 1 normally includes a pair of side rails 3 and 4 of right angular shape in section, which side rails each have a laterally inwardly, horizontally extending leg and a laterally outwardly, vertically upwardly extending leg so that spring and/or mattress means can be directly supported upon the horizontal legs of the side rails. The side rails 3 and 4 are formed into a bedframe unit by means of cross-rails 5 and 6 with the cross-rail 5 being positioned adjacent the head end of the bedframe and with the cross-rail 6 being at the foot end of the bedframe. Usually these cross-rails 5 and 6 are adjustable to provide a variable width for the bedframe 1 so that relatively telescoping cross-rail sections are used in making the cross-rails of the bedframe 1. The cross rails 5 and 6 have reinforcing cross rail end sections 5*a* and 6*a*, respectively, suitably associated therewith at each end thereof.

Any desired support means may be provided for the bedframe 1 and one particularly desirable type of supports for such bedframe comprise caster plates 7 that extend downwardly of the cross-rails 5 at the centers thereof adjacent each end of the cross-rails where they are secured to the side rails. Hence conventional support casters 8 or other support means can be engaged with the caster plates 7 or be otherwise engaged with the cross-rails, and may be positioned centrally of the cross-rails with relation to the turning or twisting moments set up in the cross-rails 5 and 6 because of load applied thereto through the casters 8. In all events, the casters 8 are in transverse alignment with the cross-rails 5.

As an important feature of the invention, a bracket plate 9, usually of substantially Z-shape in vertical section, is secured to the laterally inner, horizontally extending leg of each of the side rails 3 and 4 usually in transverse alignment with the cross-rails 5. These brackets 9 have bases 9*a* preferably secured to the side rails 3 and 4 by the same bolts 10 as are used to secure the cross-rails and side rails together as a unit. The brackets 9 have laterally inwardly directed, elevated or upper support legs 9*b* thereon, which support legs are parallel to the horizontal legs of the side rails 3 and 4 and have upper surfaces terminating in alignment with a plane defined by the vertically upper edges of the side rails 3 and 4, which side rails are positioned in parallel relation. Preferably the support legs 9*b* of the bracket 9 have slots 11 provided therein and extending transversely of the bedframe 1 to provide adjustable connecting apertures for engaging with the bookcase headboard 2 as hereinafter described.

Usually the bookcase headboard 2 has suitable holes drilled in a base 12 of the headboard when it is originally produced or manufactured. Thus bolts 13 can extend through the slots 11 in the brackets 9 and engage the preformed holes 12 in the base of the headboard so that even with appreciable differences in the lateral widths of the bedframe 1, a given size headboard can be fixedly secured to the bedframe by the bolts 13 and adjustments provided therefor by the slots 11. It should be particularly noted, as brought out in Fig. 2, that the base of the bookcase style headboard 2 is supported on both the upper edges of the side rails 3 and 4 and the upper support legs 9*b* of the brackets so that a plurality of elongate, transversely spaced support areas are provided for the bookcase headboard. Inasmuch as normally the brackets 9 are directly in transverse alignment with the casters 8 but are vertically thereabove, the brackets and the special positioning thereof serve to locate the heavy weight of the bookcase headboard directly over the support means provided for the bedframe. The provision of the elongate brackets 9 aids in balancing a headboard upon the bedframe of the invention.

From the foregoing, it is submitted that a sturdy type of a bedframe has been provided that is adapted to support any desired type of a headboard, such as a bookcase type headboard directly on the bedframe for mobile positioning thereby. The headboards may have any desired bookcase means, or storage cabinet means provided therein and such bookcase may even be accessible from the rear portion of the bedframe due to the ease of swinging the bedframe of the invention out from a wall or any other associated surface with which such bedframe normally is associated. The bedframe can be easily assembled and the support brackets are of sturdy but inexpensive construction. Hence it is thought that the objects of the invention are achieved.

While one complete embodiment of the invention is disclosed herein, it will be appreciated that modification of the particular embodiment of the invention may be resorted to without departing from the scope of the invention as defined in the appended claims.

I claim:

1. In combination, a bedframe comprising cross-rail means at the head and foot of the bedframe, side rails and support means, said support means being aligned transversely of the bedframe with said cross-rail means at the head end of the bedframe, said side rails being angular in section with a laterally horizontally directed inner leg and a vertically upwardly directed outer leg; the inner legs of said side rails being adapted to receive resilient support means thereon, an elongate bracket plate secured to the horizontal leg of each of said side rails and extending laterally inwardly of the bedframe in transverse alignment with said cross-rail means at the head end of the bedframe, said bracket plates having upper support surfaces terminating in horizontal alignment with the upper edges of the outer legs of said side rails; headboard means on the upper portions of said bracket plates and of said side legs; and means securing said bracket plates to said headboard means.

2. In combination, a bedframe comprising cross-rail means at the head and foot of the bedframe, side rails and support means, said support means being aligned transversely of the bedframe with said cross rail means, said side rails being angular in section and each having a laterally horizontally directed inner leg and a vertically upwardly directed outer leg; a bracket plate secured to the horizontal leg of each of said side rails and extending laterally inwardly of the bedframe in transverse alignment with said cross-rail means, said bracket plates having upper portions terminating in horizontal alignment with the upper edges of the outer legs of said side rails; headboard means carried by the upper portions of said bracket plates and of said side legs; and means securing said headboard means to said bracket plates.

3. In a Hollywood bed, a pair of side rails of angular shape in section, cross-rail means extending between said side rails spaced from the ends thereof and forming a unit therewith, support means for said side and cross-rail unit, a bracket of substantially Z-shape in section secured to each of said side rails in vertical alignment with said cross rails and extending laterally inwardly of the bed, the upper portions of said brackets being level with the upper portions of said side rails, headboard means extending transversely of the bed and being supported on the upper portions of said brackets and of said side rails, and means securing said headboard means to said brackets.

4. In a Hollywood bed, a pair of side rails, cross-rail means extending between said side rails and forming a unit therewith, support means for said side and cross-rail unit, a bracket secured to each of said side rails and extending laterally inwardly and upwardly of the bed, the upper portions of said brackets being level with the upper portions of said side rails, headboard means extending transversely of the bed and being supported on the upper portions of said brackets and of said side rails and means for securing said headboard means to said brackets and including slots so that said headboard can be adjusted in position relative to said brackets.

5. In combination, a bedframe comprising cross-rail means, side rails supported on said cross-rail means and support means; a bracket plate secured to each of said side rails and extending laterally inwardly but also upwardly of the bedframe, said bracket plates having upper portions terminating in horizontal alignment with the upper edges of said side rails; and headboard means positioned on and supported by the upper portions of said bracket plates and said side legs, said cross-rail means having reinforcing end sections at the ends thereof to widen the support areas for said side rails, said bracket plates being secured to the end sections and other portions of said cross-rail means and to said side rails to provide a sturdy mounting for said brackets.

6. In combination, a bedframe comprising cross-rail means at the head and foot of the bedframe, side rails and support means, said support means being aligned transversely of the bedframe with said cross-rail means, said side rails being angular in section and each having a laterally horizontally directed inner leg and a vertically upwardly directed outer leg; a bracket plate secured to the horizontal leg of each of said side rails and extending laterally inwardly of the bedframe in transverse alignment with said cross-rail means, said bracket plates having upper portions terminating in horizontal alignment with the upper edges of the outer legs of said side rails; headboard means carried by the upper portions of said bracket plates and of said side legs; and means securing said headboard means to said bracket plates, said bracket plates being of Z-shape in section and having slots in the upper portions thereof for adjustment in position of said means securing said bracket plates to said headboard means.

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