

J. ROEVER:

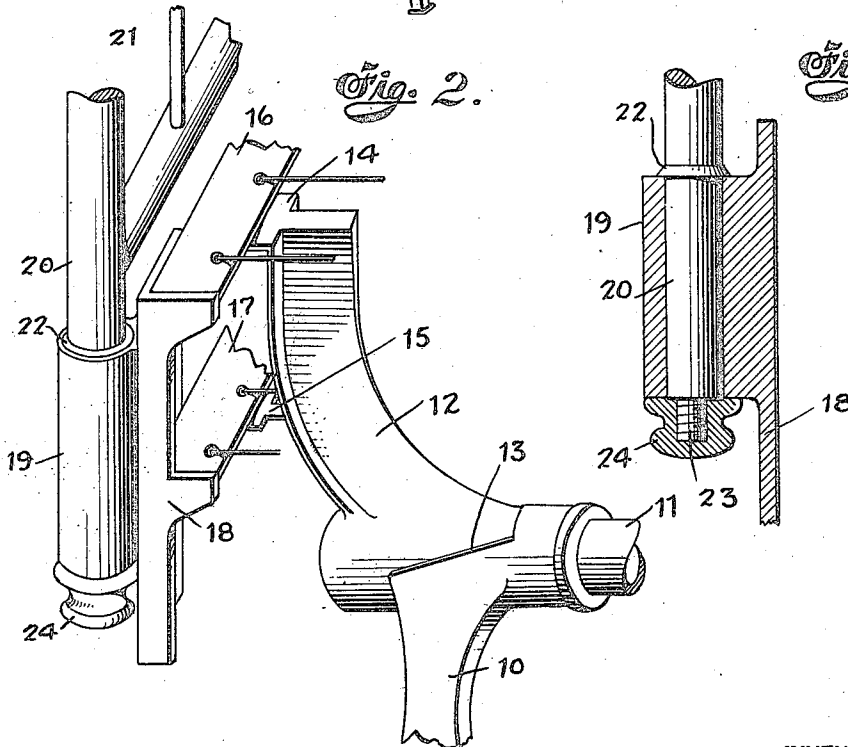
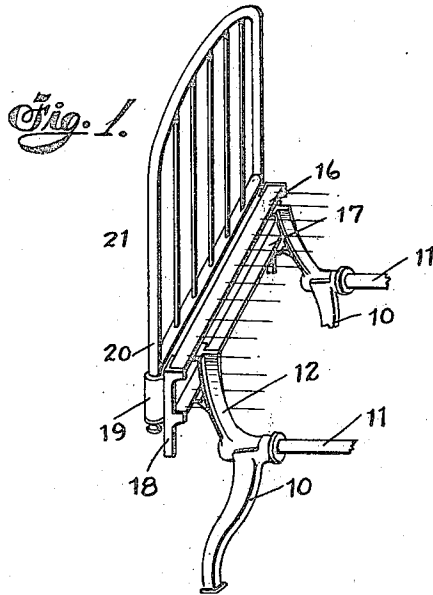
BED.

APPLICATION FILED APR. 28, 1921.

1,424,853.

Patented Aug. 8, 1922.

2 SHEETS—SHEET 1.



INVENTOR
Julius Roever,
BY
H. B. Hutchinson,
ATTORNEY

J. ROEVER.

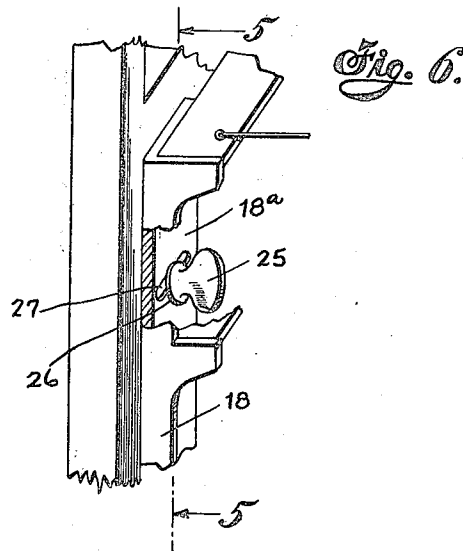
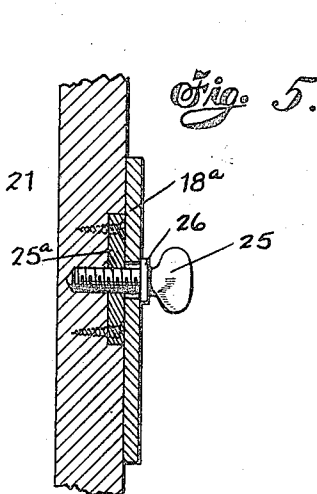
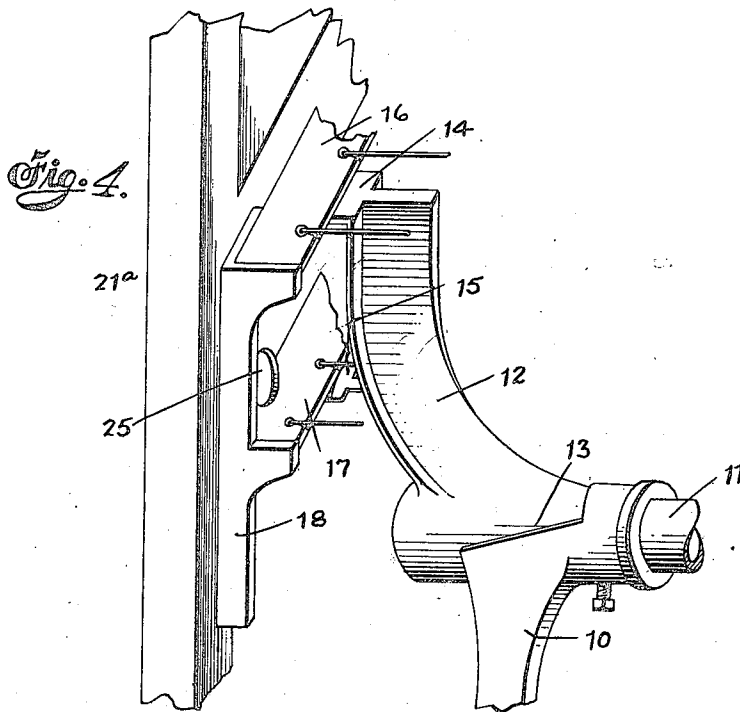
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UNITED STATES PATENT OFFICE.

JULIUS ROEVER, OF RICHMOND HILL, NEW YORK.

BED.

1,424,853.

Specification of Letters Patent.

Patented Aug. 8, 1922.

Application filed April 28, 1921. Serial No. 465,210.

To all whom it may concern:

Be it known that I, JULIUS ROEVER, a citizen of the United States, and a resident of Richmond Hill, Queens County, New York, have invented a new and useful Improvement in Beds, of which the following is a full, clear, and exact description.

My invention relates to improvements in beds, and more particularly to knock-down beds, or beds of what is known as the three-piece type. My invention is particularly applicable to couch beds and the like, which can be used as a couch during the day time and as a bed at night, and the object of my invention is to produce a simple, inexpensive, and convenient structure which enables a bed of the class referred to to be easily set up or knocked down, and which enables a knock-down couch bed or the like to be quickly converted, so far as appearance goes, to an ordinary type of bed. More particularly my invention is applicable to the type of bed having a knock-down frame adapted to support the ends of a spring bed, and with the said ends provided with means for readily attaching and detaching the head-board or foot-board. All of which will be more particularly described hereafter.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar reference characters indicate corresponding parts in all the views.

Figure 1 is a broken perspective view of an end portion of a bed showing my improvements.

Figure 2 is a broken enlarged detail perspective of a corner portion of the bed.

Figure 3 is an enlarged vertical section showing the connection between a head or foot board and a part of the bed.

Figure 4 is a view similar to Figure 2 but showing the application of my improvements to a bed having a wooden head-board or foot-board.

Figure 5 is a detail section showing the connection between the wooden and metal parts of the bed, and

Figure 6 is a broken detail perspective view further illustrating the connection shown in Figure 5.

My invention can best be applied as shown in the drawings, to a knock-down couch bed having folding legs 10, which are pivotally connected with rails 11, and these have

upwardly and outwardly extending brackets 12 connected by a modified bayonet joint 13 with the leg members—that is the leg member slides into interlocking engagement with the bracket. This is a known construction, and is not here claimed, and therefore need not be referred to with further detail. On the other hand, my invention while particularly applicable to a bed of this type, is not limited to the particular construction referred to.

The brackets 12 occur on both ends of the bed, and therefore I have shown one end only, and it will be understood that by showing the connection with say the head-board, it will not be necessary to show the foot-board connection, because both are precisely alike.

The brackets 12 as illustrated have ledges or flanges 14 and 15 spaced apart to support the end pieces 16 and 17 of the two fabric bed, which has corner pieces 18 to give finish to the bed, and give it the appearance of a box spring. So far as this invention is concerned, however, the corner piece might be on a one fabric bed as well as on one having a plurality of fabrics spaced apart.

My invention comprises particularly the connection between the end of the bed proper and the head-board or foot-board. As illustrating the manner of carrying this into effect, I have shown each corner piece 18 provided with a bracket 19 which has a vertical bore to receive one post of the head-board 21, or the foot-board as the case may be. The post 20 extends downward through the bracket 19, has a shoulder 22 which abuts snugly with the top of the bracket, and its lower end is screw threaded as shown at 23 to receive a nut 24 which can be an ornamental nut, and which can be screwed tightly on so as to bring the post 20 in place in a way to prevent displacement and rattle, while at the same time it makes a good finish to the bed.

It will be seen that in detaching the nuts 24 from opposite sides of the head-board or foot-board, the latter can be lifted from its seat and set aside, or laid flat for shipment or storage, while the said head-board or foot-board can easily be placed in position when desired and readily fastened, and as the bed itself is detachable from the bracket 12, and the legs 10 are pivotally connected to the rails 11, the whole structure can be knocked

down and laid flat for shipment or storage when desired, and it can be as readily set up for use.

In Figures 4 to 6 I have shown how the same idea can be carried out with wooden head-boards or foot-boards instead of with the metal as hereinabove described. The wooden head-board and foot-board 21^a can be detachably secured to the bed end in many ways, and a convenient form is illustrated which makes a firm and flat connection between the parts. In this form, a flat plate 25^a is preferably countersunk in the inner side of the post part of the head-board or foot-board as shown in Figure 5, and this is screw threaded to receive the thumb screw 25 which has preferably a washer-like inner end 26 to abut with the web 18^a of the corner piece 18. The web can be transversely slotted as shown at 27 to provide for any slight adjustment of the head-board or foot-board on the bed, and it will be seen that by inserting or removing the thumb screw 25, the head-board or foot-board can be instantly attached or released.

From the foregoing description it will be seen that I have devised a very simple form of three-piece bed in which the bed proper is easily removable from its supporting legs and brackets, and the head and foot boards are easily removable from the bed proper, so that the structure as a whole can be readily knocked down or set up, or can be readily converted from a couch to a bed hav-

ing the customary head and foot boards. It will be further observed that the structure is simple and strong; and that it makes a bed of good appearance, which is a considerable item in the trade.

I claim:—

1. A three-piece bed comprising a supporting element consisting of legs, rails and brackets rising from the rails and provided with supporting ledges, a bed bottom having its end rails arranged to lie on the ledges of the supporting element, said bed bottom having brackets at the ends thereof with vertical bores through said brackets, and detachable head and foot boards having their side members adapted to extend downward through the aforesaid bores of the bed bottom brackets, and means for retaining the head and foot boards in the aforesaid bores.

2. A three-piece bed comprising a supporting element consisting of legs, side rails, and brackets rising from the ends of the rails and having off-set ledges thereon, a bed bottom element having end rails and corner brackets, the end rails being adapted to rest detachably on the ledges of the supporting elements, and detachable means for connecting the corner brackets of the bed bottom element to head and foot boards.

JULIUS ROEVER.

Witnesses:

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