Nov. 18, 1941. T. D. BOUCHARD 2,263,328

SOFA BED

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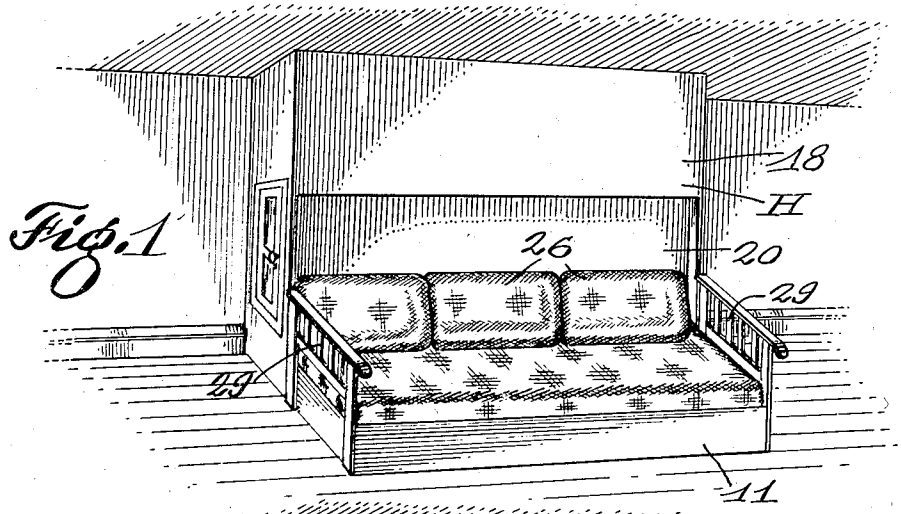


Fig. 1

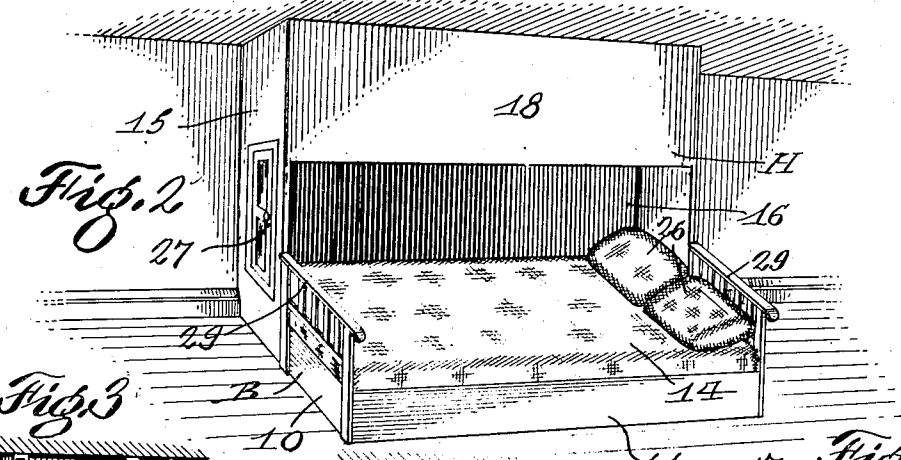


Fig. 2

Fig. 3

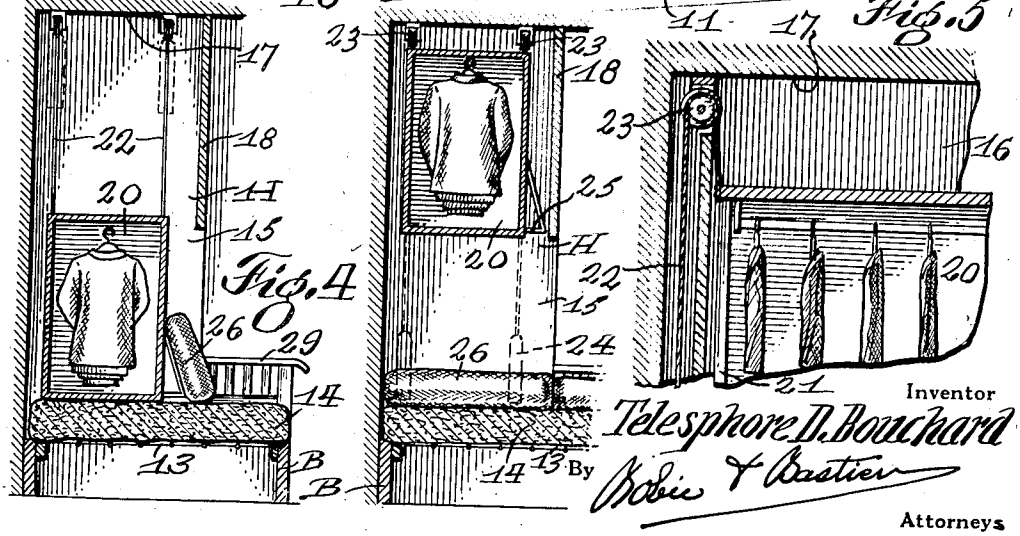


Fig. 4

Fig. 5

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SOFA BED

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Application May 9, 1939, Serial No. 272,654

4 Claims. (Cl. 5—59)

The present invention relates to improvements in sofa bed construction.

An object of the invention is to provide a sofa bed of novel construction.

Another object of the invention is to provide a sofa bed having a housing associated therewith in which is provided a clothes container.

A further object of the invention is to provide a sofa bed which may be quickly and easily arranged to form a bed or a sofa.

Other objects and advantages of the invention will become apparent as the description progresses.

In the accompanying drawing forming a part of this specification and in which like reference characters are employed to designate corresponding parts throughout the same:

Figure 1 is a perspective view of the device arranged to form a sofa,

Figure 2 is a similar view showing the device converted to form a bed,

Figure 3 is a transverse vertical section through the device shown at Figure 1,

Figure 4 is a transverse vertical section taken through the device as shown at Figure 2, and

Figure 5 is a fragmentary longitudinal section through the device as shown at Figure 2.

With reference to the drawing, which illustrates a preferred embodiment of the invention, B generally designates a base frame of elongated rectangular form embodying vertically disposed end members or boards 10 connected with vertically disposed longitudinal side members or boards 11.

This bed frame B is constructed to support thereon a bed spring 13, of any preferred known type, and a conventional mattress 14 is positioned in the usual manner on the spring.

Over a portion of the bed is erected a housing H embodying end walls 15 fastened to the ends of the base frame B and extending vertically thereabove, an outer wall 16 and a top 17. Where the structure of the chamber in which the bed is located so permits, a wall and the ceiling of the chamber may be advantageously utilized to form the outer wall and the top. The inner side of the housing is mainly open and embodies a partial wall section 18 of elongated formation extending from the top to a horizontal line above the bed.

Within the housing H is loosely fitted an elongated rectangular shaped container or cabinet 20 extending lengthwise in the housing above the bed and having an opening 21 in one end thereof. At each end of this container are provided lines 22 trained over elevated pulleys 23 and having their inner ends attached to the container while the outer ends carry balance weights 24. To the exterior of the side 20 of the container is fastened an angular rack 25 designed to provide a rest for cushions, indicated at 26. In an end wall 15 of the housing is provided a door 27 normally closing an opening through which access is afforded to the interior of the container.

At each end of the base B are secured upstanding rectangular shaped end frames 29 adapted to form bed ends and arm-rests.

When arranged to form a sofa the container 20 is disposed in a lowered position on top of and occupying an approximately half portion of the bed and provides a sofa back, as illustrated at Figures 1 and 3. The cushions 26 are placed against the rack 25 on the container. To convert the device to a bed forming arrangement, the container is raised to its topmost position in the upper part of the housing, as shown at Figures 2 and 4, where it is held by the balance weights and concealed behind the wall section or panel 18. Thus, the convenient adjustability of the cabinet, which is adapted to contain clothing and the like, enables utilization of the entire bed surface as sleeping accommodation or quick transformation of the structure to a sofa set up.

It is to be understood that the form of my invention herein shown and described is to be taken as a preferred example of the same, and that various changes as to the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described my invention, I claim:

1. In furniture of the character described, a bed, a housing built above one longitudinal side portion of the bed, a cabinet fitted to slide vertically in the housing, means supporting the cabinet so as to enable vertical movement thereof with relation to the bed and housing, the said cabinet being adapted to occupy part of the bed in its lowered position so that the inner side wall thereof constitutes a backrest, and being also movable to an elevated position within the upper portion of said housing in which it is concealed by a forward wall of the housing.

2. In furniture of the character described, a rectangular base frame adapted to support a bed spring and mattress thereon, a housing connected with and extending above a longitudinal portion of the said base frame, the said housing having

the inner side wall extending from the top thereof to a horizontal line above the bed, a cabinet fitted to slide vertically in the housing, the said cabinet being adapted to occupy a longitudinal side portion of the bed in its lowered position so that a side wall thereof will constitute a vertical back-rest on the bed, and means for movably supporting the cabinet so that it may be selectively elevated to a concealed position in the upper portion of the housing.

3. In combination with a closet having side and back walls and a front open at about half its height at the bottom and closed by an upper wall, a bed disposed in said closet and adapted to extend out of the open front for approximately half its width, and a cabinet movable vertically within the closet from the upper surface of the bed to a concealed position behind the closet upper front wall, said cabinet being adapted, when lowered, to form a back rest for a davenport then constituted by half the bed width.

4. A structure of the character described, comprising an alcove-like housing having back and side walls and an open lower front closed at its upper half by a partition and adapted to receive a bed extending from the back wall to a distance outside the open front about equal to the housing's width, a cabinet slidably movable in said housing from the bed surface to a concealed position behind the front partition, means for counterbalancing said cabinet, and a door in one side wall of the housing to gain access to the inside of said cabinet.

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