Feb. 22, 1927. 1,618,737

W. F. TURNER

COMBINATION FURNITURE

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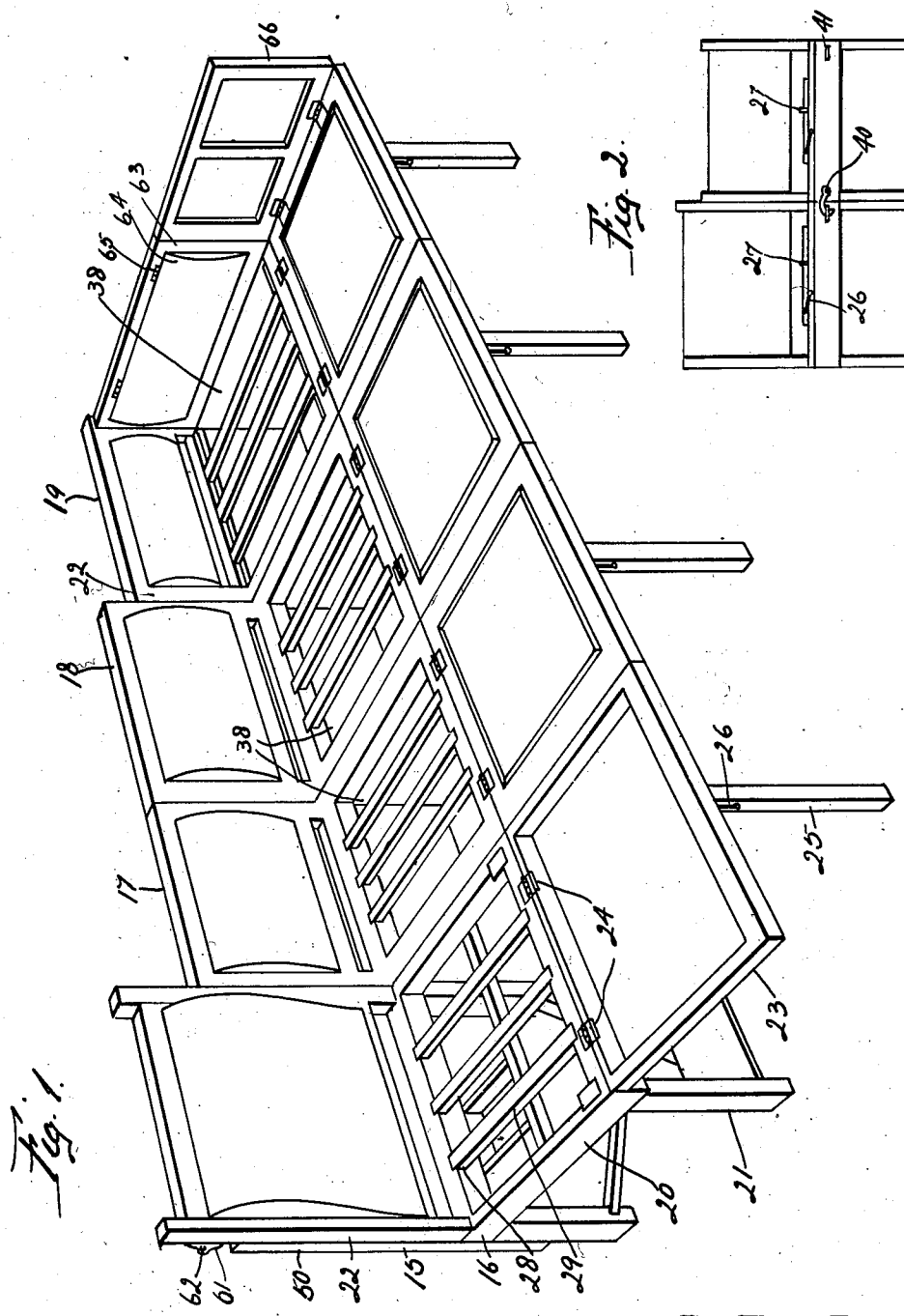


Fig. 1.

Fig. 2.

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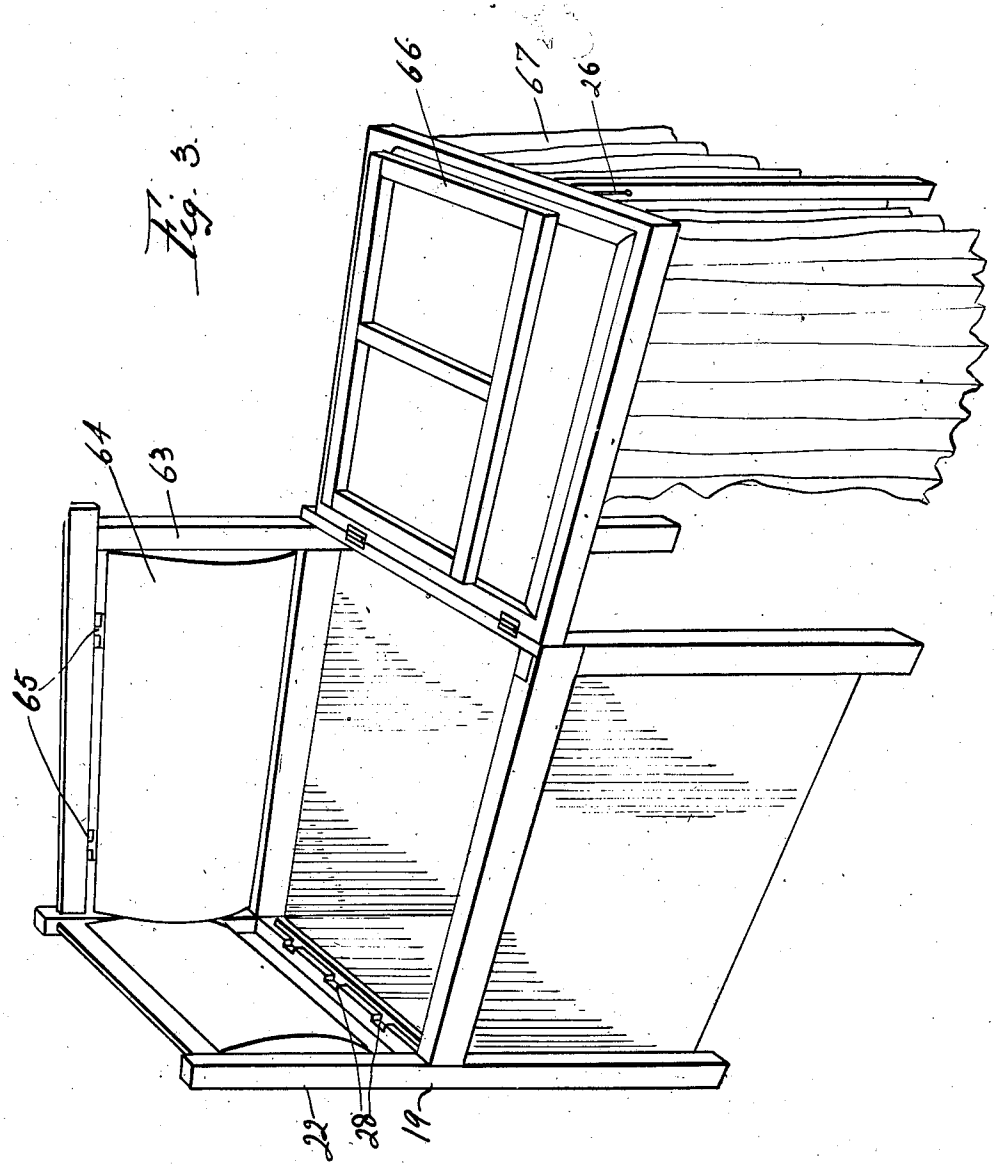
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Fig. 3.



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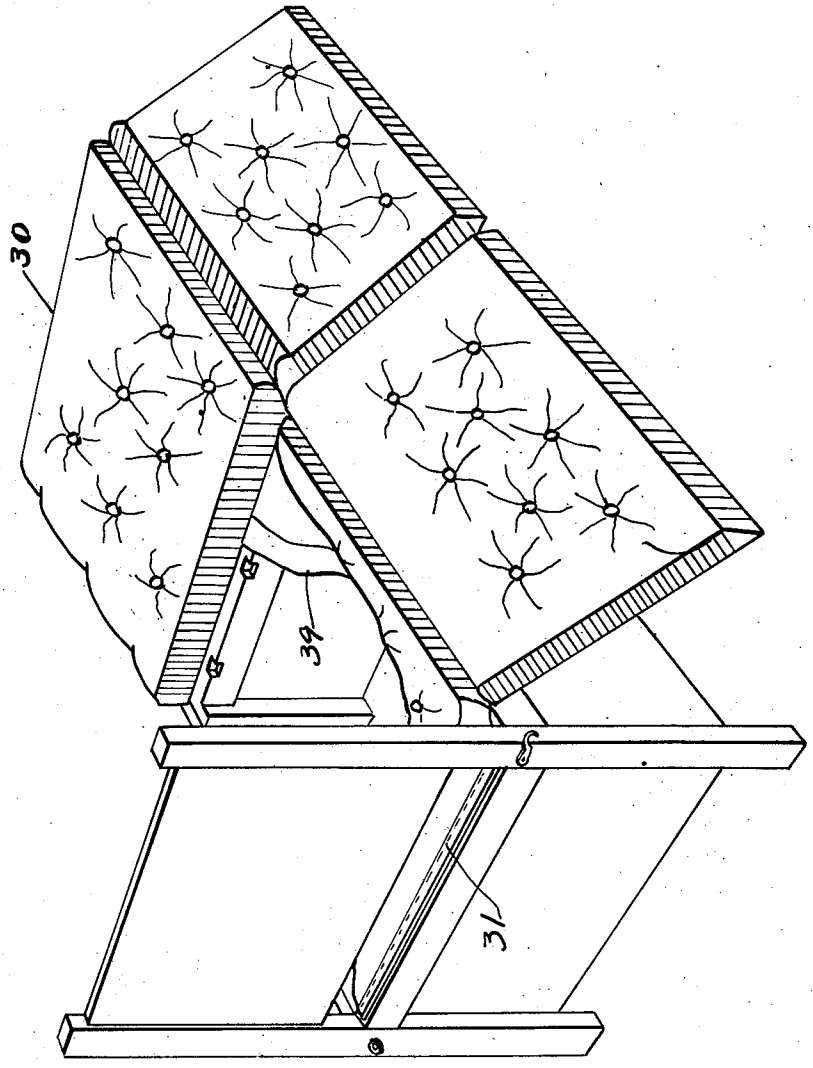


Fig. 4.

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COMBINATION FURNITURE

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Fig. 5.

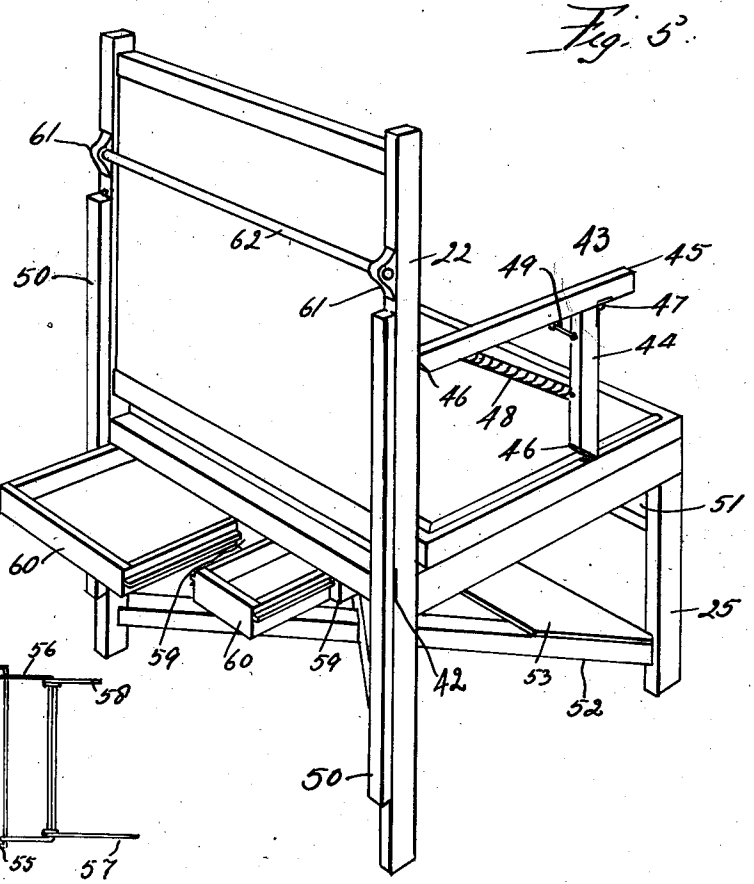


Fig. 7.

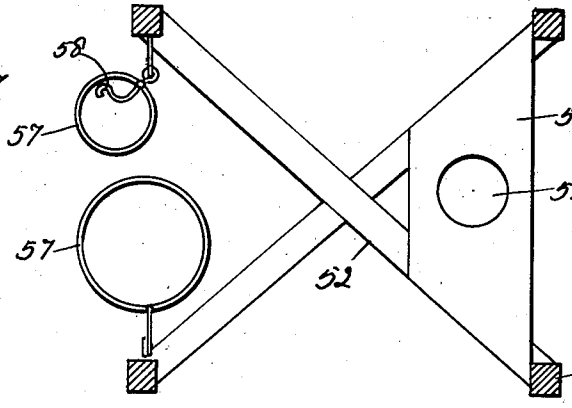


Fig. 6

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COMBINATION FURNITURE

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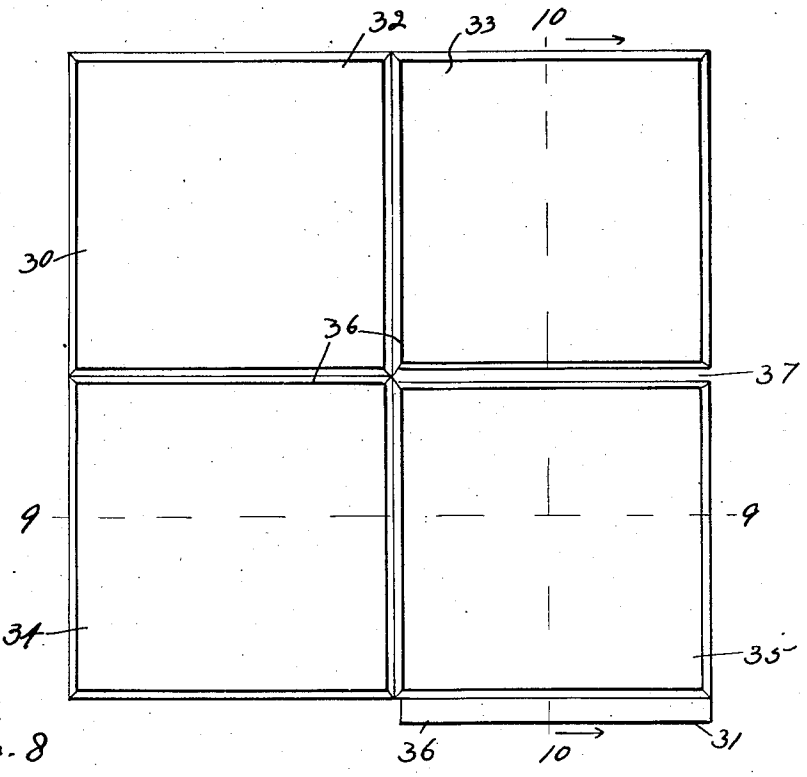


Fig. 8

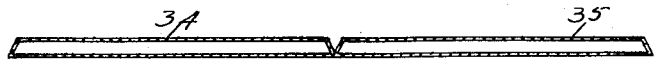


Fig. 9.

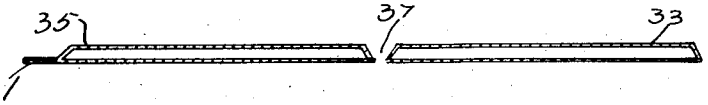


Fig. 10.

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Patented Feb. 22, 1927. 1,618,737

UNITED STATES PATENT OFFICE.

WILLIAM F. TURNER, OF NEWARK, DELAWARE.

COMBINATION FURNITURE.

Application filed December 16, 1925. Serial No. 75,707.

My invention relates to new and useful improvements in combination furniture, and has for its primary object to provide an article of furniture which when disassembled will provide other articles of furniture.

Another object of the invention is to provide an article of furniture constituting a bed so constructed that when the several elements are separated from each other, they may be utilized as a couch, chairs, a dresser or the like.

A further object of the invention is to so construct the several elements that some of the parts may be stored within said elements when the device is not in use as a bed.

Among the many advantages of combination furniture of this character is that a single piece of furniture may be used for several different purposes or as different pieces of furniture when the elements are separated so that only a single furniture set is required in order to obtain the same result as is usual with a number of sets of furniture, and such an arrangement is particularly beneficial under present living conditions where a single room is often used as a bedroom and living room. By the use of my combination furniture, persons living in an apartment of few rooms may utilize one of them as a bedroom at night, for instance, and as a living room during the day time, and there will be no visible indication that the room is sometimes used as a bedroom.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains, may understand how to make and use the same, I will describe its construction in detail, referring by numerals to the accompanying drawings forming a part of this application, in which:

Fig. 1 is a perspective view of the combination furniture with the mattress sections removed.

Fig. 2 is a front elevation, on a reduced scale, of two of the furniture elements, showing the manner in which they are attached to each other.

Fig. 3 is an enlarged perspective view of one of the elements of the furniture partly open and a portion of the draperies removed.

Fig. 4 is a perspective view looking toward the back of another of the elements showing the manner in which one of the mattress sections is constructed with a portion of said mattress section broken away to illustrate details of construction.

Fig. 5, likewise, is a perspective view of another of the furniture elements.

Fig. 6 is a horizontal sectional view of the furniture element shown in Fig. 5, taken from a point below the drawers.

Fig. 7 is a fragmentary side elevation of one of the legs of the furniture element shown in Figs. 5 and 6 illustrating the manner in which pitchers or other receptacles may be supported.

Fig. 8 is a plan view of a mattress section.

Fig. 9 is a section thereof at the line 9—9 of Fig. 8.

Fig. 10 is a section at the line 10—10 of Fig. 8.

In carrying out my invention as herein embodied, 15 represents an article of combination furniture shown as a bed and comprises a number of main or primary elements, 16, 17, 18 and 19, the elements 17 and 18 being substantially identical.

Each of the elements include a seat frame 20 supported by legs 21 which may be of any desirable configuration and braced in any suitable manner, a back 22 and a seat 23 hinged to the front of the seat frame 20 by means of hinges 24 and when the hinged seat is in an open position as shown in Fig. 1, it is supported by a leg 25 socketed in the seat, and said leg is permanently attached to the seat by means of a link 26 having one end pivotally connected with the seat and the other end pivotally connected with the leg, and when said leg is not in use, its end is withdrawn from the socket in the seat and said leg laid upon the seat and there held by a hook 27, or its equivalent, as shown in Fig. 2.

Each of the elements also has a plurality of notches 28 formed in opposite rails of the seat frame for the reception of the ends of the slats 29 which support portions of a sectional mattress 30 when the latter is unfolded or properly placed for use, and this sectional mattress 30 is preferably made in

two sections, one section of which is connected along a portion of one of its edges to the element 17 and the other section to the element 18 by means of the wing strip 31.

Each mattress section includes four parts, 32, 33, 34, and 35 and the parts, 33 and 35 are connected with the parts 32 and 34, and said parts 32 and 34 are connected together by means of a thin connecting or unstuffed portion 36 but the parts 33 and 35 are unattached or are separated from each other by a cut-out portion 37, thus making it possible to fold the parts 32 and 34 over on the parts 33 and 35, and then fold the parts 32 and 33 upon the part 34, with the part 33 uppermost, and when in this condition, the mattress will fit within seat frame of the element to which it is attached, and more particularly into a storage compartment 38 provided therefor, and three of the elements, as 17, 18 and 19, are provided with these storage compartments and while the storage compartments in the elements 17 and 18 may hold something in addition to the mattress sections, the storage compartment in the element 19 is particularly adapted for holding all the slats and some bed clothes. In order to assist the withdrawal of the mattress section from its respective furniture element, a strap 39 is provided which has one end attached to the back portion of the seat frame, while the other end is free and projects from the front of the seat frame.

The elements are provided at the back, as shown in Fig. 4, and at the front, as shown in Fig. 2, with suitable fastening devices, such as hooks 40 and eyes 41, so that the several elements may be temporarily fastened together.

The element 16 when separated from the other elements may be used as an arm chair, and in such case it is preferable that the back 22 thereof be hinged to the back of the seat frame by means of hooks 42, while the arms 43, each of which consists of a standard 44 and arm pieces 45, are detachably connected to the seat and back in such manner that these parts may tilt relative to the parts to which they are attached, and to accomplish this, the lower end of the standard 44 and the inner end of the arm piece 45 are bevelled as at 46, and the connection between the standard and arm piece is made by the hinge 47. To ordinarily hold the back 22 in an upright position while permitting it to swing backward when desired a spring 48 is interposed between the standard 44 and the arm piece 45; when the back is to be maintained in an upright position, a fastening device 49 such as a hook and eye is attached to the parts of the arm. To prevent the back 22 from being swung outward too far, suitable members 50 may be hinged at their upper ends to the rear face of the back 22, and as these will always swing in a vertical position, they will act as stops to limit the outward movement of the back 22 when contacting with the surface on which the arm chair element rests. The front of the arm chair element 22 may be prevented from tilting backward by means of a weight 51 between the front supporting legs.

As the element 22 is to also be used as a dresser or like article of furniture, diagonal cross pieces 52 may be placed between the legs and a platform 53 supported by the cross pieces and provided with an aperture 54 for the reception of a commode, while to the rear supporting legs may be fastened brackets 55 on which the swingingly mounted members 56 having a holder 57 rotatably connected with the swinging members 56, the holders including a ring or loop to act as a support for a pitcher, bowl or the like, and the holder that is to support the pitcher may have combined therewith a hook 58 to engage the pitcher handle.

Beneath the seat frame of the arm chair element 22 are mounted a number of guides 59 between which are slidably mounted the drawers 60 to hold combs, brushes and other toilet articles. On the back of the element 22 are brackets 61 to receive the ends of a mirror supporting rod 62.

The elements 17 and 18 may be used as stiff back chairs when the seats are in their closed positions.

The element 19 in addition to its back 22 may be provided with a side 63 so that it can be used as a corner chair, and in order that the seat may be readily swung outward to the open position the upholstered panel 64 of the side 63 is hinged as at 65. As this element is to be used as the head of the bed, a head piece 66 is hinged to the inside of the seat and may be swung up into endwise alignment with the side 63 so that the two together complete the head.

The seats of all the elements have suitable draperies 67 secured thereto that hang down therefrom when the seats are in either the open or closed positions so that the supporting parts will be invisible.

From the foregoing description it will be particularly noted that the combination furniture constructed in accordance with my invention may be utilized as a bed with the elements fastened together, and with the seats closed it may be used as a couch, but by separating all of said elements each may then be used as a single piece of furniture, and therefore a person having but a single room that must be used both as a bedroom and a living room may put the parts together as a bed at night and separate them for use as chairs in the daytime, and during the latter time, the room will have none of the appearance of a bedroom.

Of course, I do not wish to be limited to the exact details of construction as herein

shown as these may be varied within the limits of the appended claims without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is:

1. Combination furniture comprising four elements, each including a seat frame, supporting legs, a back, a seat hinged to the front of the seat frame and a supporting member at the front edge of the seat when the latter is in an open position; slats removably mounted in the seat frames, means to temporarily fasten the several elements together and a sectional mattress the parts of which are respectively connected to the intermediate elements and adapted to project over the seat frame and seat of its respective element as well as those of an adjacent element and also flexible for insertion within the compartment of its respective element.

2. The structure set forth in claim 1 wherein one of the elements is also provided with a side and a head piece hinged to the inside of its seat.

In testimony whereof, I have hereunto affixed my signature.

WILLIAM F. TURNER.