

June 8, 1943.

S. E. HOLCOMB

2,321,206

COMBINATION SOFA AND BED

Filed April 18, 1942

3 Sheets-Sheet 1

Fig. 1.

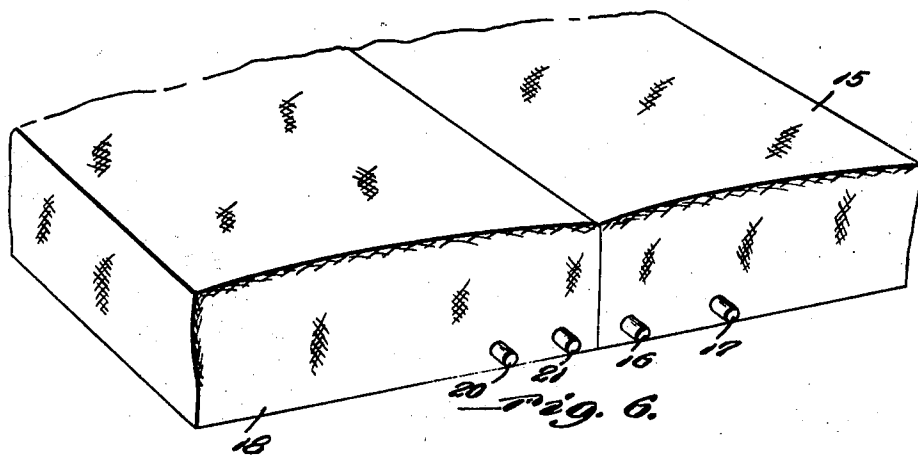
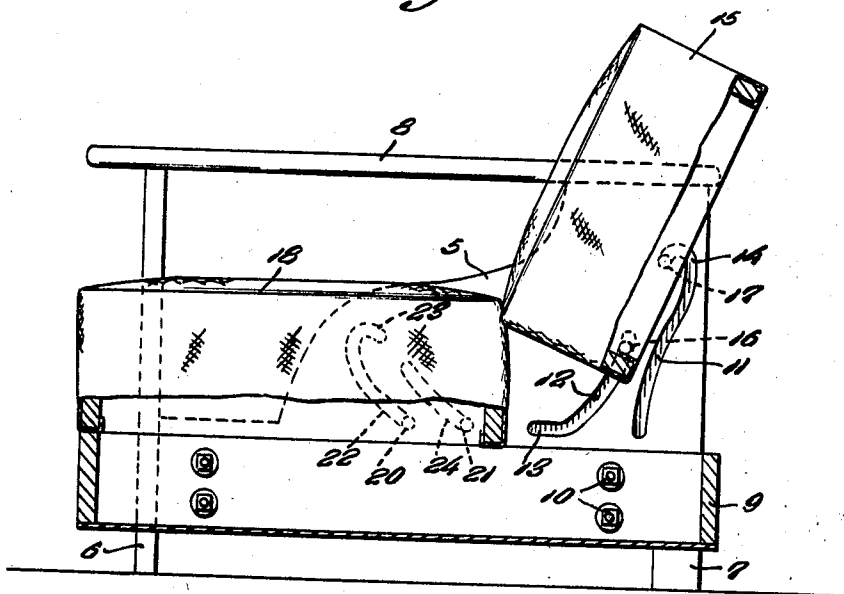


Fig. 6.

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Fig. 2.

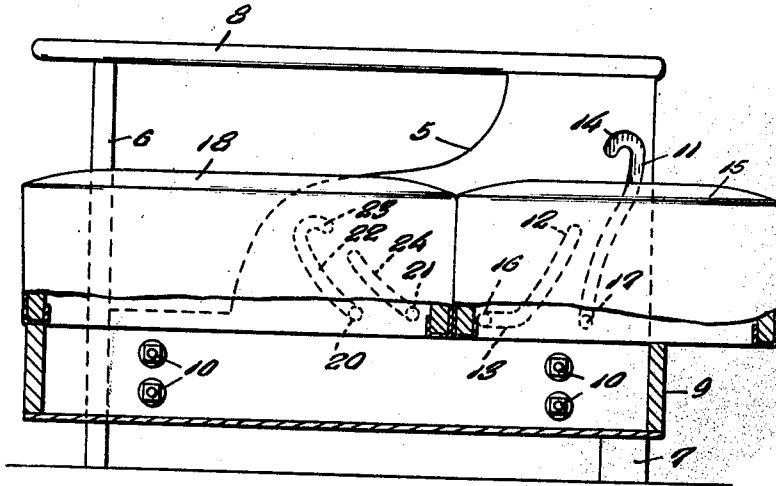
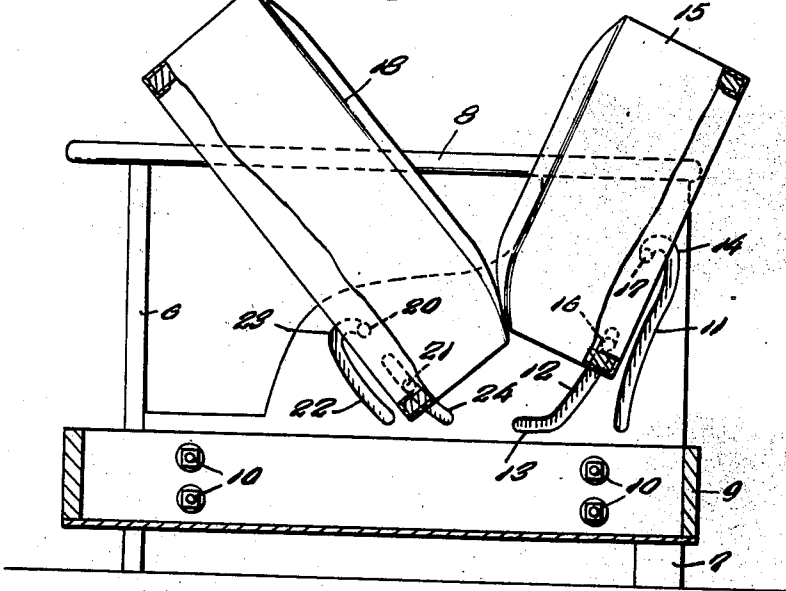


Fig. 5.



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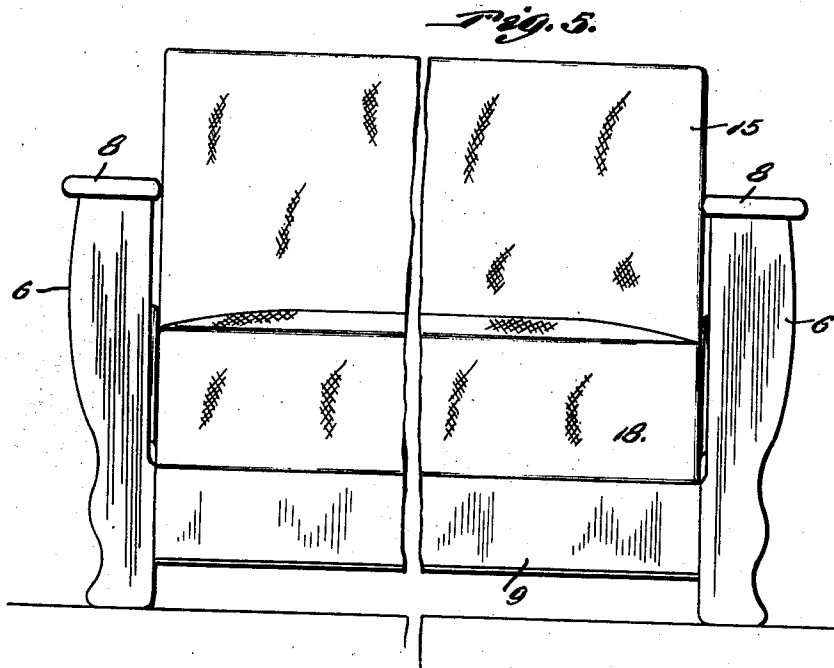
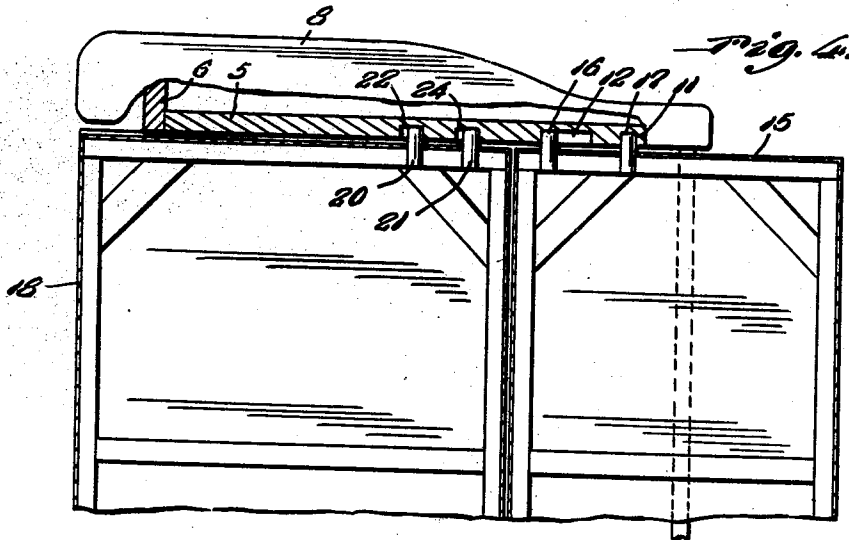
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3 Sheets-Sheet 3



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UNITED STATES PATENT OFFICE

2,321,206

COMBINATION SOFA AND BED

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Application April 18, 1942, Serial No. 439,606

4 Claims. (Cl. 5-47)

This invention relates to new and useful improvements in combination furniture and more particularly to a combination sofa or davenport and bed.

The principal object of the present invention is to provide a combination structure which can be used as a davenport when desired, but is so constructed that it may be quickly converted into a comfortable bed.

Other objects and advantages of the invention will become apparent to the reader of the following description:

In the drawings:

Figure 1 is a transverse sectional view through the structure with the parts set up to serve as a davenport.

Figure 2 is a transverse fragmentary sectional view showing the parts collapsed to form a bed.

Figure 3 is a transverse fragmentary sectional view showing the seat raised to permit access to the storage compartment thereunder.

Figure 4 is a fragmentary detailed sectional view showing the pintle and groove connection.

Figure 5 is a front elevational view of the structure shown in Figure 1.

Figure 6 is a fragmentary perspective view showing the supporting pintles on the seat and back sections.

Referring to the drawings wherein like numerals designate like parts, it can be seen that the structure embraces a pair of end walls 5 which may be ornately cut and which at their ends are secured to front and rear legs 6, 7. The upper ends of the legs 6 and 7 are bridged by arm rests 8. The lower portions of the end walls 5, 5 are bridged by a box structure 9, the end walls of the box structure 9 being bolted as at 10 to said end walls 5.

As can be seen in Figure 1, each end wall 5 at its inner side has two sets of grooves. The rear set consists of an almost vertically disposed and slightly curved groove 11 adjacent to which is a shorter curved groove 12 inclined rearwardly and merging at its lower end with a substantially horizontal groove extension 13.

The upper end of the groove 11 has a gooseneck formation 14 which terminates substantially on a line with the upper end of the groove 12.

Numeral 15 denotes a back for the davenport which also forms one section of the bed when lowered as shown in Figure 2. The back 15 has a frame structure and from each end of this back 15 protrudes a pair of pins 16, 17. The pin 17 rides the groove 11, while the pin 16 rides the groove 12.

When the back 15 is in position for use in conjunction with a seat 18 as a davenport, the pins 17 are seated in the free ends of the gooseneck portions 14 of the grooves 11 while the pins 16 are near the upper ends of the grooves 12.

In order to lower the back 15 to a plane with the seat 18 so that the bed form shown in Figure 2 results, the back 15 is lifted slightly and rotated in a clockwise direction. This results in the lowering of the pin 17 from the goosenecks 14, permitting the pins 16 and 17 to lower in the grooves 11 and 12 with the pins 16 eventually riding the horizontal portions 13 of the grooves 12.

To permit ready access to the storage box 9 a similar arrangement of pins and grooves is provided for the seat 18. In this connection the seat 18 at its ends and adjacent its rear wall is provided with pins 20 and 21. The pins 20 ride forwardly inclined grooves 22 having backwardly disposed gooseneck formations 23 at their upper ends. The pins 21 ride slightly curved grooves 24 in the end walls 5, these grooves 24 being substantially in alignment with the free end portions of the goosenecks 23. Obviously when the seat 18 is in lowered position, the pins 20, 21 are at the lower ends of the grooves 22, 24. However, by lifting upwardly on the forward edge portion of the seat 18 the pins 20 and 21 will ride upwardly in the grooves 22, 23 and when the pins 20 reach the upper portions of the grooves 22, the seat can be slid backwardly to a slight extent to the end that the pins 20 will seat in the free end portions of the goosenecks 23. Thus the seat 18 is held in elevated position until lowering operation is desired.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size, and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention what is claimed as new is:

1. In an article of furniture, a frame having end walls, a seat section, a movable back section, each of said end walls at its rear portion being provided with a pair of substantially vertically disposed and inclined horizontally spaced guideways, the rearmost guideway being of steeper inclination than the other and having a forwardly disposed gooseneck extension at its upper end, the other guideway having a substantially horizontal extension at its lower end, each end of the back section being provided with a pair of spaced pin-

ties for disposition in the corresponding guideways.

2. In an article of furniture, a frame having end walls, a seat section, a movable back section, each of said end walls at its rear portion being provided with a pair of substantially vertically disposed and inclined horizontally spaced guideways, the rearmost guideway being of steeper inclination than the other and having a forwardly disposed gooseneck extension at its upper end, the other guideway having a substantially horizontal extension at its lower end, each end of the back section being provided with a pair of spaced pintles for disposition in the corresponding guideways, the upper portion of each forward guideway being substantially aligned on an inclined line with the forward end portion of the gooseneck extension of the complementary rearward guideway.

3. In an article of furniture, a frame having end walls, a seat section, a movable back section, each of said end walls at its rear portion being provided with a pair of substantially vertically disposed and inclined horizontally spaced guideways, the rearmost guideway being of steeper inclination than the other and having a forwardly disposed gooseneck extension at its upper end, the other guideway having a substantially horizontal extension at its lower end, each end of the back section being provided with a pair of spaced pin-

ties for disposition in the corresponding guideways, the upper portion of each forward guideway being substantially aligned on an inclined line with the forward end portion of the gooseneck extension of the complementary rearward guideway, the forward ends of the gooseneck extension serving to receive the innermost pins of the back section while the upper portions of the forward guideways serve to hold the remaining pins in maintaining the back section in an elevated position.

4. In an article of furniture, a frame having end walls, a seat section, a movable back section, each of said end walls at its rear portion being provided with a pair of substantially vertically disposed and inclined horizontally spaced guideways, the rearmost guideway being of steeper inclination than the other and having a forwardly disposed gooseneck extension at its upper end, the other guideway having a substantially horizontal extension at its lower end, each end of the back section being provided with a pair of spaced pintles for disposition in the corresponding guideways, each of the rearmost guideways being provided with a rearwardly curved upper portion adjacent the gooseneck extension to effect a forward movement of the back section when being brought to a lowered position.

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