

Nov. 13, 1928.

1,691,620

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SANITARY SEAT FOR INVALID CHAIRS

Filed July 23, 1927

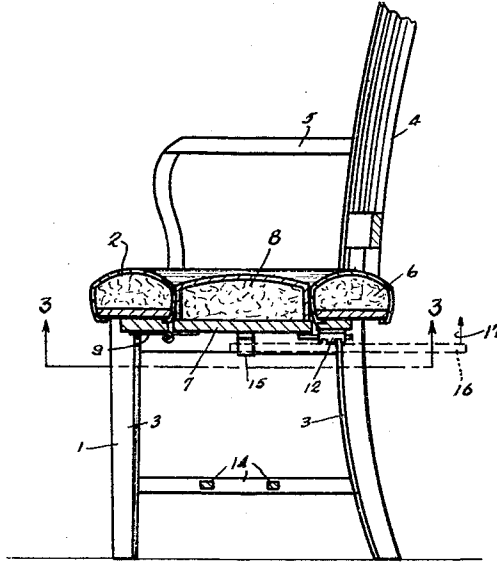


Fig. 1.

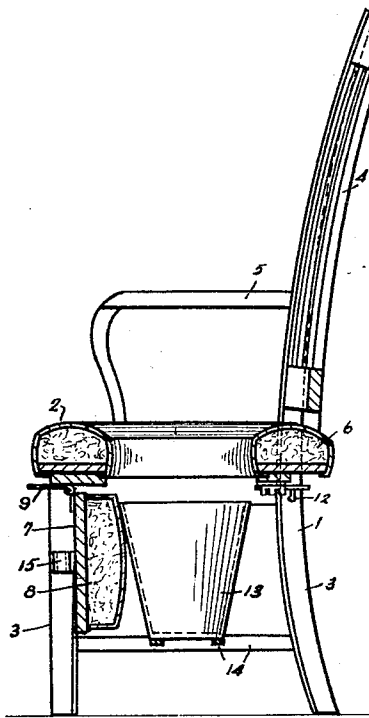


Fig. 2.

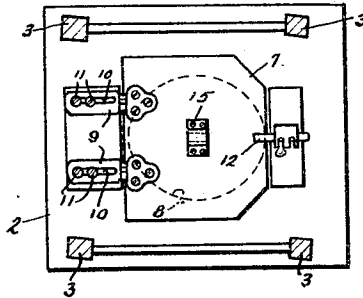


Fig. 3.

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SANITARY SEAT FOR INVALID CHAIRS.

Application filed July 23, 1927. Serial No. 207,962.

My invention relates to improvements in sanitary seats for invalid chairs, and it consists in the combinations, constructions and arrangements hereinafter described and claimed.

An object of my invention is to provide a sanitary seat for invalid chairs which is upholstered so as to provide a comfortable seat for the patient, and in which the central swingable portion is also upholstered so as to provide a seat having a uniformly level surface throughout its entire area when the central portion is in closed position.

A further object of my invention is to provide a novelly constructed hinge for permitting the central portion to be swung into open position and then to be moved laterally away from the opening.

Other objects and advantages will appear in the following specification, and the novel features of my invention will be particularly pointed out in the appended claim.

My invention is illustrated in the accompanying drawing forming a part of this application, in which

Figure 1 is a vertical section through the device;

Figure 2 is a view similar to Figure 1, but showing the central portion in open position; and

Figure 3 is a section along the line 3—3 of Figure 1.

In carrying out my invention I provide a chair indicated generally at 1 which has a seat portion 2, legs 3, a back 4, and arms 5. The seat 2 is provided with upholstery 6 and has a swingable central portion 7 which is likewise upholstered as at 8, whereby the seat resembles the uniformly upholstered seat when the central portion is closed.

Reference to Figure 3 shows that the central portion 7 is pivotally secured to the seat 2 by hinges 9. These hinges have slots 10 therein which receive guide and supporting screws 11. When the central portion 7 is swung downwardly it may be moved laterally, the screws 11 sliding in the slots 10 for permitting this movement. The central portion 7 is held in closed position by means of a retractable bolt 12.

From the foregoing description it will be seen that the chair is especially designed for permitting an invalid to sit up during the

daytime instead of being confined to the bed. When the central portion 7 is closed the chair in all respects resembles a standard one. The central portion 7 will swing by gravity when released by the bolt 12, and after swinging into a vertical position it may be moved into the position shown in Figure 2. A container 13 may now be placed upon supporting bars 14 or disposed upon the floor if desired.

Where the invalid is helpless it is oftentimes necessary to apply force to the central portion 7 in order to close the portion and to lock it in closed position. In order to more effectively close the central portion, I mount an eyelet 15, (see Figure 3), on the central portion and use a rod 16, shown by the dotted lines in Figure 1, for creating a leverage upon the central portion 7 of sufficient force for moving the portion back into closed position even though this movement necessitates a partial lifting of the body of the invalid while in the chair. The rod 16 is inserted in the eyelet 15 and is moved in the direction of the arrow 17 as shown in Figure 1. After the central portion has been closed it is a simple matter to slide the bolt 12 into operative position for locking the central portion in closed position.

The device is extremely simple in construction and materially aids a nurse in caring for an invalid, and also permits an invalid to sit up during the daytime, where normally a patient would be compelled to remain in bed all day.

Although I have shown and described one embodiment of my invention, it is to be understood that the same is susceptible of various changes and I reserve the right to employ such changes as may come within the scope of the appended claim.

I claim:

An invalid chair having a central opening therein, a central portion removably disposed in said opening, hinges securing said portion to said seat for permitting said portion to swing downwardly when released, said hinges being slidably connected to said seat for permitting said portion to be moved laterally away from said opening after said portion has been swung into open position.

CECELIA CLAPHAM WILSON.