June 25, 1940.

G. B. HOAG

2,205,978

CHAIR WALKER

Filed Nov. 29, 1938

Fig. 1.

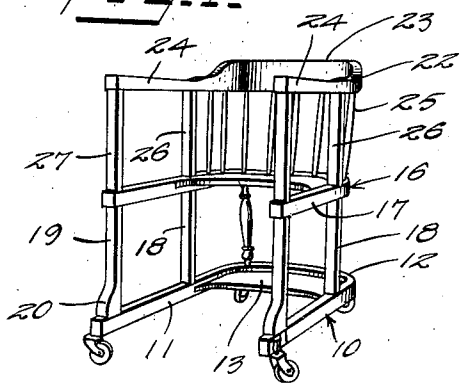
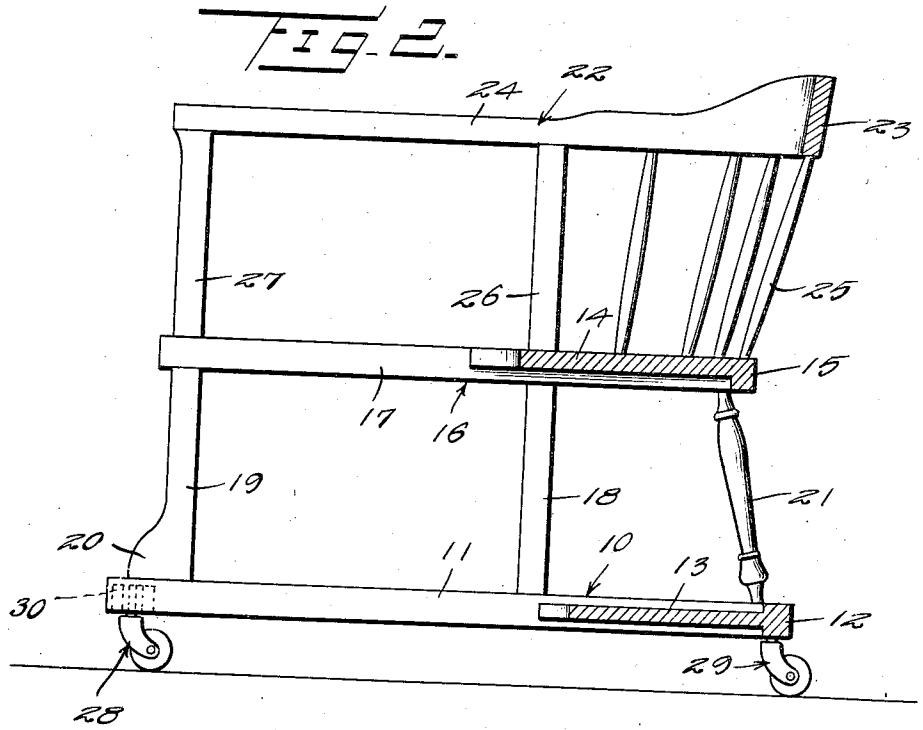


Fig. 2.



Inventor

Glen B. Hoag

By Kimmel & Crowell

Attorneys

Patented June 25, 1940 2,205,978

UNITED STATES PATENT OFFICE

2,205,978

CHAIR WALKER

Glen B. Hoag, Fullerton, Calif.

Application November 29, 1938, Serial No. 243,020

2 Claims. (Cl. 155—22)

This invention relates to articles of furniture and more particularly to an improved chair adapted for use by invalids.

An object of this invention is to provide an improved chair construction which is designed particularly for use by invalids so that an invalid during the convalescent period may be seated in a comfortable position and if desired, may move about a room without leaving the support provided by the chair structure.

A further object of this invention is to provide a chair construction which may be used as a walker by an invalid, the invalid moving within the side portions of the chair which are adapted to act as supports.

A still further object of this invention is to provide an improved chair which may be used after the manner of a wheel chair, but which has a rigid structure which is mounted on casters or rollers so that the chair can be readily shifted either by the person using the chair or by some other person.

To the foregoing objects and to others which may hereinafter appear, the invention consists of the novel, construction and combination and arrangement of parts as will be more specifically referred to and illustrated in the accompanying drawing, but it will be understood that changes, variations and modifications may be resorted to which fall within the scope of the invention as claimed.

In the drawing:

Figure 1 is a detail perspective view from the front of a chair constructed according to an embodiment of this invention, and

Figure 2 is a vertical section taken substantially through the center of the chair structure.

Referring to the drawing, the numeral 10 designates generally a base structure which comprises a U-shaped elongated strip of material, such as wood or the like which has parallel leg portions 11 and a bight or arcuate portion 12. The U-shaped member 10 is provided adjacent the bight 12 thereof with a shelf or rest member 13 which extends forwardly from the bight 12 for a suitable distance sufficient to provide a rest for either articles which may be desired by the person using the chair, or may be used as a rest for feet which may be swung backwardly from the seat 14 which is positioned at the bight portion 15 of an intermediate U-shaped member 16. The parallel legs 17 of the U-shaped member 16 extend in a plane parallel with the legs 11 of the base member 10 and terminate at their forward ends substantially in the same vertical plane as the forward ends of the leg members 11. The U-shaped member 16 is supported above the base 10 by means of a pair of vertically disposed posts or leg members 18 and 19. The leg members 18 are positioned adjacent the forward portion of the seat 14 and the leg members 19 are positioned adjacent the forward ends of the U-members 10 and 16. The lower ends of the leg members 19 are provided with enlargements 20 which extend, in the present instance, forwardly of the leg members 19 and constitute a bracing means to prevent the movement of the leg members 19 relative to the base member 10. The leg members 18 and 19 may be provided with tenons which may be inserted in mortices provided in the base member 10 and in the intermediate member 16. A pair of spindles or rear bracing members 21 are provided at the bights of the U-members 10 and 16 and in the present instance these spindles 21 are disposed on an angle to the vertical and extend forwardly from the base member 10 as shown in Figure 2. Preferably, the seat supporting member 16 terminates at the bight 15 thereof at a point forwardly of the bight 12 of the base member 10. An upper U-member 22 is positioned above the intermediate member 16 and is positioned in parallel relation thereto.

This upper member 22 comprises a bight or arcuate portion 23 and parallel forwardly extending legs 24. The arcuate portion 23 constitutes the upper part of the back of the chair and a plurality of spindles 25 are mounted in the lower or under side of the bight member 23 and are mounted in the upper side of the bight 15. The U-member 22 is secured to the U-member 16 by means of vertically disposed posts 26 and 27 with the post 26 disposed in substantial alignment with the post 18 and the post 27 disposed in substantial alignment with the post 19.

The forward edge of the seat 14 terminates substantially at the forward edge of the posts 18 and 26 so that a relatively long open space will be provided forwardly of the seat 14 between which a person may stand, and the person standing between the sides formed by the legs 11, 17 and 24 may use the upper side members 24 as supports while walking forwardly and pulling the chair therewith.

The chair structure hereinbefore described is provided with a plurality of caster members 28 and 29, there being a castor 28 at each front end of the side members 11 and there being a pair of caster members 29 in spaced relation at the bight 12 of the base member 10. These caster

members 28 and 29 are each swingably mounted in bearing members 30 which are secured to the base 10 on the outer sides thereof.

In the use of this chair structure, an invalid may be seated on the seat 14 and may project his legs forwardly and if desired, the side members 11 of the base 10 may be used as rests for the legs, or if desired a board may be extended across the upper sides of the leg members 11 so as to provide a suitable rest for the legs of the person using the chair. Such board may abut the rear sides of the front leg members 19. This chair may be used as a walker by an invalid who may stand between the side members formed by the legs 11, 17 and 24 of the U-frame members and may use the upper members 24 as hand grasping means in order to support himself between the sides of the chair and forwardly of the seat 14.

Preferably, the shelf member 13 is formed integral with the U-member 10 particularly at the bight thereof and the seat member 14 is formed integral with the U-member 16 at the bight 15 thereof.

What I claim is:

1. A chair as set forth comprising a U-shaped base member, a U-shaped intermediate member, a U-shaped upper member, a seat carried by said intermediate member in the bight thereof, pairs of front posts connecting the free ends of said members together, pairs of posts connecting said members together forwardly of said seat, spindles secured to the bight of said upper and said intermediate members, and spindles secured to the bight of said intermediate and said base members.

2. A chair as set forth comprising a U-shaped base member, a U-shaped intermediate member, a U-shaped upper member, a seat carried by said intermediate member in the bight thereof, pairs of front posts connecting the free ends of said members together, pairs of posts connecting said members together forwardly of said seat, spindles secured to the bight of said upper and said intermediate members, spindles secured to the bight of said intermediate and said base members, a pair of casters carried by the free ends of said base member adjacent said front posts, and a pair of casters carried by the bight of said base member.

GLEN B. HOAG.