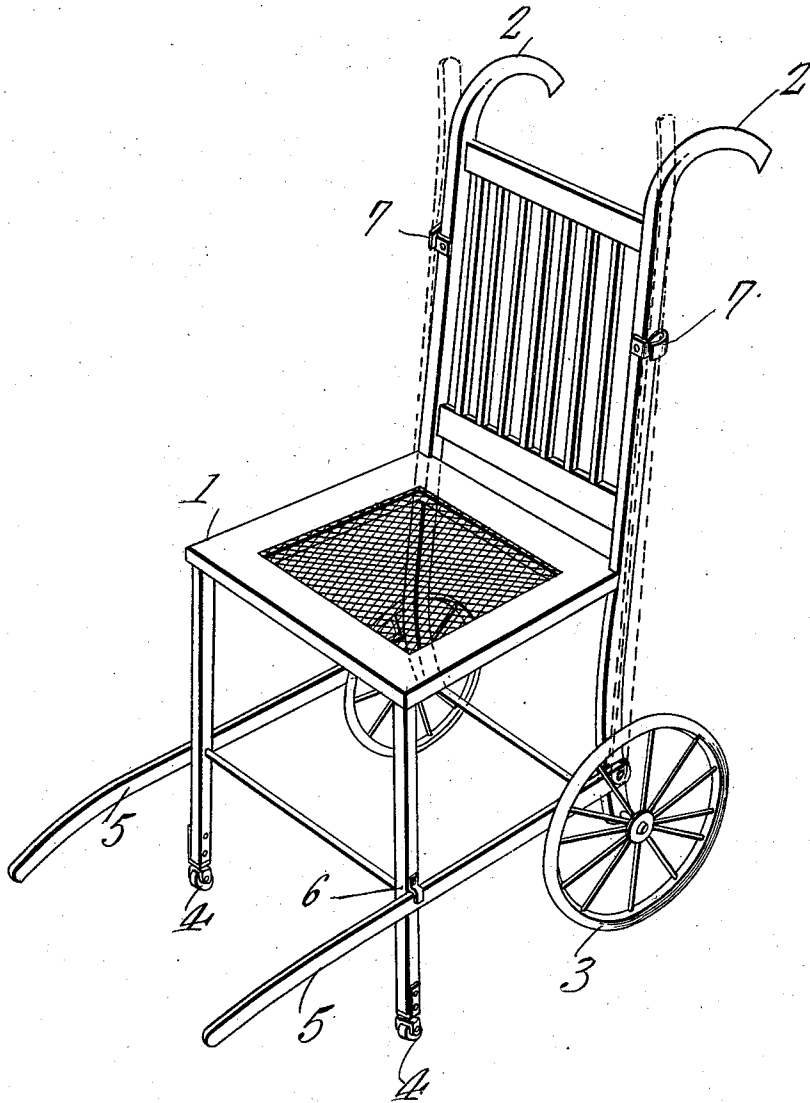


E. O. BEERS.
CHAIR.
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1,001,240.

Patented Aug. 22, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

EDMUND O. BEERS, OF ELMIRA, NEW YORK.

CHAIR.

1,001,240.

Specification of Letters Patent. Patented Aug. 22, 1911.

Application filed September 16, 1910. Serial No. 582,356.

To all whom it may concern:

Be it known that I, EDMUND O. BEERS, a citizen of the United States, residing at Elmira, in the county of Chemung and State of New York, have invented a new and useful Chair, of which the following is a specification:

This invention has relation to chairs especially adapted to be used for moving invalids and infirm persons from place to place and consists in the novel construction and arrangement of its parts as hereinafter shown and described.

The object of the invention is to provide a substantial and light chair adapted to hold an invalid or an infirm person, with wheels whereby the said chair may be readily pushed over smooth surfaces from place to place. The chair is provided at its back with handles which may be used by an operator or attendant to push or move the chair upon its supporting wheels.

A further object of the invention is to provide means whereby the chair and its occupant may be readily carried in upright position up and down a flight of stairs, and to accomplish this a second set of handles are attached to the chair and are pivotally mounted thereon with securing devices for holding the last mentioned handles up along the back edges of the chair and other securing devices for holding the last mentioned handles in approximately horizontal positions at or about the lower end portions of the legs of the chair.

In the accompanying drawing the figure is a perspective view of the chair.

The chair 1 is provided at the upper portion of its back with rearwardly disposed handles 2. These handles are fixed with relation to the back of the chair. The rear legs of the chair are mounted upon relatively large supporting wheels 3 and the front legs of the chair are mounted upon relatively small supporting wheels 4. Handles 5 are pivotally connected at their lower or rear ends to the lower outside portions of the rear legs of the chair. Securing devices 6 are located at the outer sides of the forward legs of the chair and the intermediate portions of the said handles 5 are adapted to be engaged with the securing devices 6 when the upper portions of the said handles 5 are swung down so that the said handles 5 lie approximately in horizontal positions.

Securing devices 7 (preferably in the form of spring clips) are secured to the sides of the intermediate portion of the back of the chair, and when the handles 5 are swung in upright positions, the intermediate portions of the said handles are received in the said securing devices 7 whereby the said handles are held approximately in vertical positions.

When a person is sitting upon the chair 1 and it is desired to move or wheel the said person over a smooth surface, the attendant may readily accomplish this by pushing the chair and using the handles 2. When it is desired to carry the said person up or down a flight of stairs, the handles 5 are disconnected from the securing devices 7 at the sides of the back of the chair, and are engaged with the securing devices 6 located at the sides of the forward legs of the chair. Then one attendant grasps the handles 2 and another attendant grasps the handles 5 and inasmuch as the said handles have their gripping ends at different elevations, the said attendants may walk up or down a flight of stairs and the person occupying the chair 1 will be held in a comfortable, approximately upright position. Inasmuch as the chair is light and small it may be conveniently used about residences and at railroad stations and depots and other places where it is desired to move invalids and infirm persons in a comfortable manner and where the space is limited. Inasmuch as the securing devices 6 project slightly in outward directions from the sides of the front legs of the chair, it is necessary to provide sufficient play at the pivotal connections between the handles 5 and the back legs of the chair in order to permit the forward portions of the said handles to swing slightly in outward directions in order that they may be passed under and properly engaged with the said securing devices 6.

What is claimed is:—

A chair for transporting an invalid up and down stairs, the chair comprising a back, a seat, and forward legs secured to the seat; rear legs secured to the seat and to the back, and formed at their upper ends with rearwardly extended handles, the rear legs being shorter than the forward legs; wheels journaled upon the rear legs; casters upon the forward legs; supplemental handles pivoted to the rear legs and adapted,

successively, to protrude beyond the forward legs, and to be alined with the rear legs; means upon the forward legs to maintain the supplemental handles in protruding positions; and means upon the rear legs for holding the supplemental handles alined with the rear legs.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

EDMUND O. BEERS.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
