

UNITED STATES PATENT OFFICE.

LEMUEL ANDRUS CHICHESTER, OF CHICHESTER, NEW YORK.

PERAMBULATING CHAIR.

SPECIFICATION forming part of Letters Patent No. 547,419, dated October 8, 1895.

Application filed January 2, 1895. Serial No. 533,507. (No model.)

To all whom it may concern:

Be it known that I, LEMUEL ANDRUS CHICHESTER, a citizen of the United States, and a resident of Chichester, county of Ulster, and State of New York, have invented certain new and useful Improvements in Perambulating and other Chairs, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts in both figures.

This invention relates to perambulating chairs, and has for its object to provide a simple, cheap, readily constructed, durable, and perfectly-operating device of this character in which the supporting-beam of the wheels and the sides of the chair-seat will be constructed in one piece to form springs to cushion the chair and in which an improved foot-rest is provided.

The invention consists in the novel construction and arrangement of parts herein-after fully described.

In the accompanying drawings, Figure 1 is a side elevation of a chair embodying my invention. Fig. 2 is a front elevation of the same.

In the practice of my invention I construct two side beams A, having downwardly-projecting rear ends A' and upwardly curved at the front to form semicircular or segmental portions A², from which project rearwardly, parallel to the said side beams, extensions B. The said side beams A, the ends A', the forward portions A², and the extensions B of each side are all formed in one piece of semi-elastic or spring material capable of supporting the whole weight of the chair and the occupant thereof and preferably of wood, which in practice is the only material which I have found suitable and operative.

The beams A are connected at the front and rear by means of the axles a a', on which are mounted upon the outer ends thereof the front and rear wheels C C', and the extensions B are connected by the chair-seat D, which extends transversely between the same.

The extensions B are downwardly turned at the rear to form curved arms B', which are secured by means of pins b to the lower ends of the side bars E, which form the main part of the chair-back and project appreciably be-

low the chair-seat D, where they are provided with rubber cushioning blocks or balls E. The side bars are secured to each side of said chair-seat, and are rearwardly curved at the top, where they are connected by means of a cross-bar c. Beneath the cross-bar c, I secure, between the arms E, flat cross-bars d toward the top and near the bottom thereof, between which are inserted vertical rods or bars e.

The arms F of the chair are suitably curved, as shown in Fig. 1, to form flanges F' upon the ends thereof, which are secured to the extensions B and the side bars E of the chair-back by means of pins b'. Said arms F are also connected to the extensions B by means of vertical bars or rods f.

At the forward end of the device the extensions B have pivoted therein, in front of the chair-seat D, bars G, which are supported at an obliquely-outward angle by resting upon the forward axle a and are provided with integral flanges or extensions G', ranging at right angles therewith and having secured between the same a foot-rest g.

The operation of the device will be readily understood from the foregoing description, taken in connection with the accompanying drawings. When the occupant of the chair seats himself thereon, the burden of the weight is taken by the extensions B of the beams A, which yield beneath said weight and serve, by reason of their elasticity, as springs for said chair, whereby the rear portion thereof is downwardly yielding, and too great depression of the seat is prevented and contact between the lower ends of the side bars E and the ends A' of the beams cushioned by means of the rubber blocks or balls E'. The foot-rest g is adjustable to the angle or position of the limbs by reason of the pivoting of the bars G thereof in the extensions B.

The advantages resultant from the use of the invention will be manifest to all who are conversant with the general class of devices to which the same appertains.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A perambulating chair comprising side beams having downwardly turned rear ends, integral semi-circular arms at the front there-

of provided with extensions ranging rear-
wardly therefrom parallel with the beams and
downwardly turned at the rear, said beams
and extensions being formed of spring wood,
5 axles connecting the beams together, having
wheels thereon, a chair seat secured to said
extensions, a chair back having side bars
which project downwardly below said seat
and are secured at their lower ends to said
10 extensions, elastic blocks upon said lower
ends adapted to engage the ends of the beams
and cushion the contact of said side bars
therewith, and arms secured to the bars of
said chair back and to the extensions, sub-
15 stantially as shown and described.

2. A perambulating chair comprising side
beams having downwardly turned rear ends,
integral semi-circular arms at the front there-
of provided with extensions ranging rear-
20 wardly therefrom parallel with the beams, said
beams and extensions being formed of spring
wood, axles connecting the beams together
at front and rear, having wheels mounted

thereon, arms projecting downwardly from
the rear ends of the extensions, a chair seat 25
secured to the same, vertical and upwardly
curved side bars secured to said seat project-
ing below the same, and secured to the arms
of the extensions, rubber blocks upon the
lower ends of said bars to cushion the contact 30
thereof with the beams, cross-bars connecting
the said vertical side bars together, and rods
or bars between the same to form a chair back,
arms secured to said vertical bars and to the
extensions, and a foot rest pivoted in said ex- 35
tensions and resting upon the forward axle
of the chair, substantially as shown and de-
scribed.

In testimony that I claim the foregoing as
my invention I have signed my name, in pres- 40
ence of two witnesses, this 1st day of Decem-
ber, 1894.

LEMUEL ANDRUS CHICHESTER,

Witnesses:

EDWIN L. BENNETT,

GEORGE D. CHICHESTER.