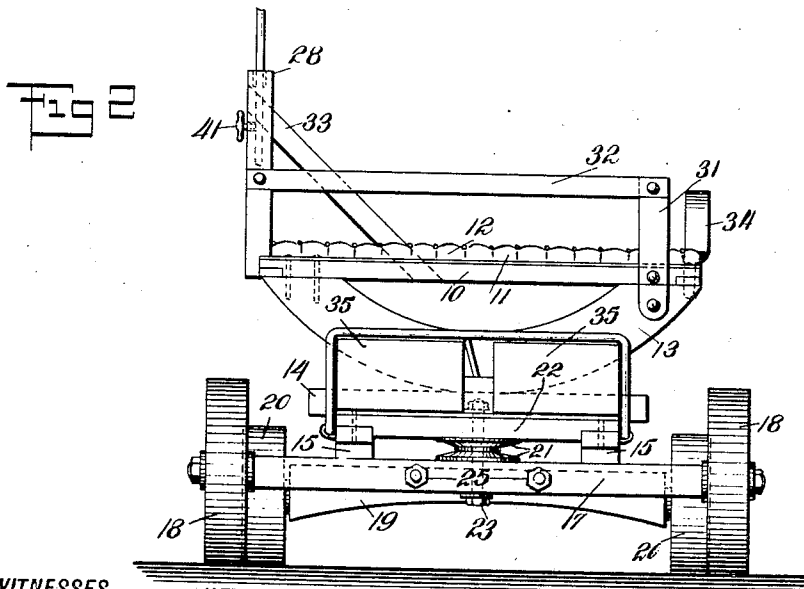
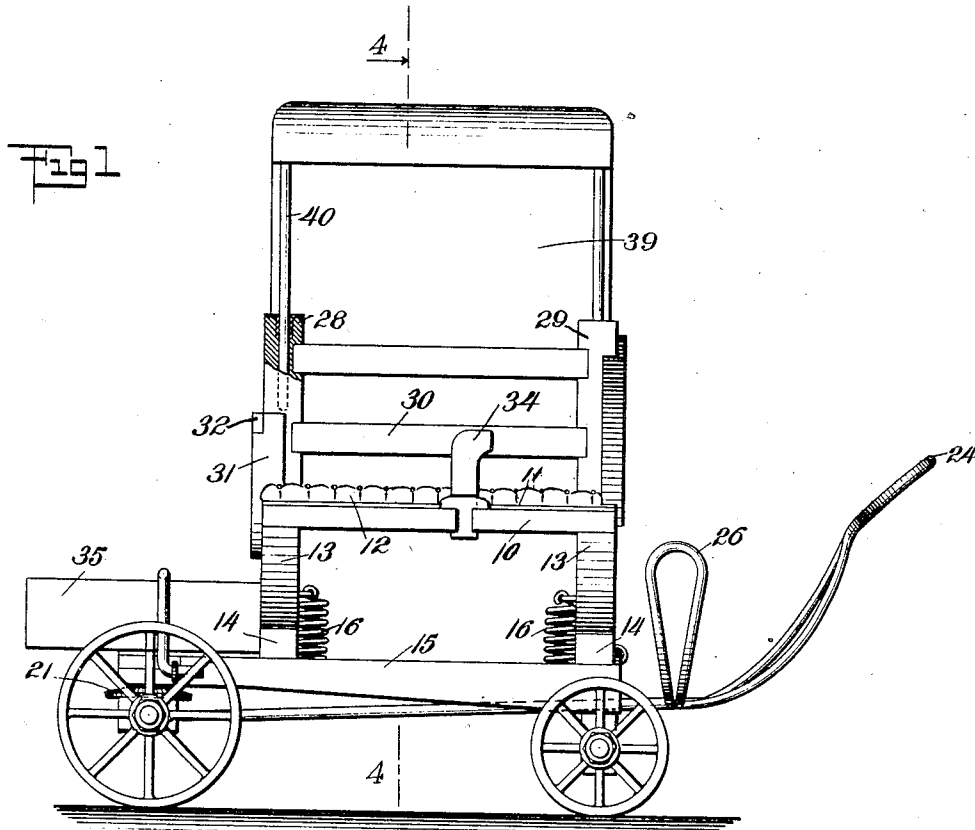


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GARDENER'S WHEELED CHAIR.
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Patented May 6, 1913.

2 SHEETS-SHEET 1.



WITNESSES

C. J. Hachenburg.
B. Joffe

INVENTOR

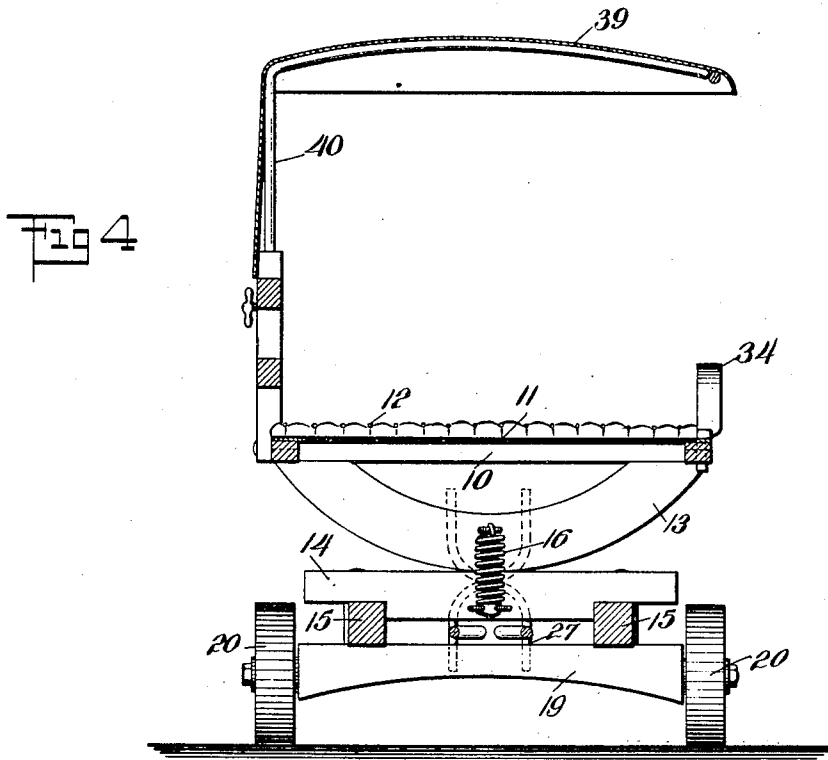
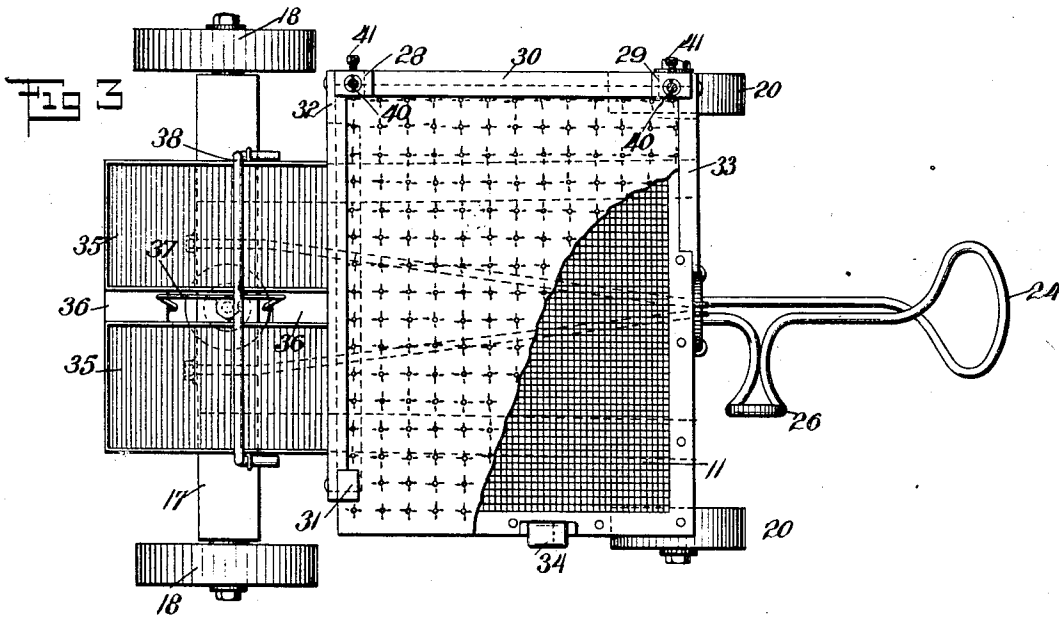
Iida Mary Peters
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ATTORNEYS

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UNITED STATES PATENT OFFICE.

IDA MARY PETERS, OF PLEASANT VALLEY, NEW YORK.

GARDENER'S WHEELED CHAIR.

1,061,114.

Specification of Letters Patent.

Patented May 6, 1913.

Application filed October 17, 1912. Serial No. 726,273.

To all whom it may concern:

Be it known that I, IDA MARY PETERS, a citizen of the United States, and a resident of Pleasant Valley, in the county of Dutchess and State of New York, have invented a new and Improved Gardener's Wheeled Chair, of which the following is a full, clear, and exact description.

When picking berries or vegetables from plants in a garden it is necessary to be constantly getting up and down during the work of picking, and forcibly the back of the person is rounded, which makes this work very tiresome. This work is particularly tiresome for elderly persons, and is nearly unbearable, due to a backache set up by the constant getting up and down. In consequence of the tiredness the person becomes irritated and does not take proper care and injures the roots or branches of the plants and also the picked vegetables or berries.

To obviate the above-described difficulties and make the work more agreeable, and consequently more endurable, and with less injury to the roots or branches of the plants, I have invented an inexpensive, simple and convenient gardener's wheeled chair, by means of which berries or vegetables growing at different heights from the ground may be easily picked without the person getting off the chair, which can be easily guided and propelled while sitting on same, and in which the wheel base is such as to run on the paths running along the sides of rows or beds of vegetables or berries.

The above-outlined objects are carried out by means of a wheel base comprising a rocking seat and removable receptacles positioned on the wheel base.

Reference is to be had to the accompanying drawings forming a part of this specification, in which the same characters of reference indicate the same parts in all the views.

Figure 1 is a side elevation of an embodiment of my invention; Fig. 2 is a front elevation of same; Fig. 3 is a plan view, with the cushioned pad partly removed; and Fig. 4 is a section on the line 4—4 of Fig. 1.

Referring to the drawings, 10 is a rectangular frame, normally horizontal, and on its upper surface provided with a metallic fabric 11 extending over and attached to the same in any suitable way, thus forming a resilient surface on this frame. The frame

10 and fabric 11 are then covered with an upholstered pad 12, preferably removable from said fabric so as to permit the cleaning of the same.

The rectangular frame 10, with the fabric and the pad, forms a seat for the person. The lower surface of the frame 10 is provided with two segments 13 forming part of a ring rigidly attached to said lower surface and having their circular surfaces in a plane normal to the plane of the frame, and lying in the same vertical plane with the longest member of the rectangular frame 10, so as to make the frame 10 a rocking one on the exterior circular surfaces of said ring segments. Directly under the circular surfaces of the segments 13 and lying in the same vertical plane are members 14 forming the transverse carriage frame or base and lying over longitudinal members 15 forming a part of same frame or base, all of the members being rigidly bound together. The segments 13 rocking on the member 14 are kept centrally with same by means of coiled springs 16 positioned centrally on the inner surfaces of the segments 13 and transverse members 14 and attached to the same so as to normally keep the seat positioned on the rocking segments 13 horizontal.

The longitudinal members 15 of the carriage frame are on one side extending ahead of the transverse member 14, and are slightly beveled on their lower surfaces toward their extending end, so as to permit the attachment of an axle 17 provided with a larger pair of wheels 18 than the axle 19 attached to the other not beveled end of the longitudinal members 15, and having a pair of wheels 20. The wheels 18 have a larger base than the wheels 20, and the axle 17 is centrally provided with a turn plate 21, coacting with a similar plate attached to a cross-bar 22 connected to both upper projecting extremities of the longitudinal members 15 of the carriage frame. A bolt 23, forming the axis of rotation for the turning plates 21, projects through the axle 17, turn plate 21 and cross-bar 22, and is bolted to the axis and cross-piece.

A handle 24, formed of bar iron and bent in a shape as shown in Figs. 1 and 3, is positioned in front of the axle 19, and then extends to the axle 17 by passing between the transverse member 14 and the axle 19, and axially with the carriage and attached to the axle 17 by means of nuts 25. The han-

dle 24 is also provided with an additional smaller side handle 26, preferably integral with the extension of the handle 24, and projecting to the left when standing at the handle 24 and facing the chair.

A yoke 27, adapted to straddle over the extension of the handle 24 near the axle 19, is pivotally and centrally attached to the transverse piece 14, so as to be swung up or down, as shown in Fig. 4. The said yoke is normally not straddled over the extension of the handle, so as to allow the same and the wheels attached thereto to swing and direct the carriage in the desired way when propelled. When the yoke is straddled over the extension it prevents the displacement of said extension sidewise, and consequently the guiding wheels 18 are maintained fixed, to direct the carriage in a straight line.

The upper face of the frame 10 is also provided with standards 28 and 29 positioned on the two right corners of the frame 10 and bound together by means of horizontal pieces 30 forming the back of the seat formed by the frame 10, as above described. If desired, this back may be padded. Another standard 31 positioned near the left corner of the frame 10, remote from the handle 24, is also connected to the standard 28 by a transverse piece 32 forming also a side limitation for the seat of the frame 10, and a support for the right arm of the sitting person. A reinforcing member 33 is provided for the standard 29, to strengthen the structure of the back of the seat.

A removable vertical standard 34 positioned near the middle but a little toward the handle side of the wheeled chair in the left-most forward end of the frame 10 is intended to prevent the skirts of a woman when using the chair from trailing on the ground. The legs of the woman being on each side of the standard 34 and the same will prevent the skirt from coming to the ground.

A pair of baskets 35 for the picked berries or vegetables are positioned in front of the seat frame and the longitudinal members 15 of the wheel base, the two baskets being attached by two cross pieces 36, which rest on the projecting ends of the longitudinal pieces 15. A handle 37 positioned between the baskets is attached to the cross-pieces 36, and by means of this handle the baskets may be removed from the wheeled chair. To prevent the displacement of said baskets during the motion of the chair a yoke 38 attached to the exterior sides of the longitudinal members 15 presses on the handle 37 of the baskets so as to force the baskets against their seat.

For hot weather an umbrella 39 is adapted to be attached to the back standards 28 and 29 by means of supports 40 extending from the umbrella into the central orifices of the

standards 28 and 29, the said supports being clamped into said orifices of the standards by means of set-screws 41.

When using the chair in a garden, the yoke 27 is turned down so as to make it straddle the extension of the handle 24, and thereby prevent deviation from a straight line during the motion of the chair. The person seating herself or himself in the chair, with the left leg coming from the seat to the ground on the side where the handles 24 and 26 are, and when sitting faces a strawberry bed or a bed of other vegetables. If the person using the chair is male, there is no necessity for the standard 34, and consequently the same is removed. The person sitting on the chair can easily throw himself to the right or left, and forward, as the chair is rocking on the carriage base in a plane normal to the longitudinal direction of the carriage base. The person sitting in the chair, with the left foot posing on the ground, propels the chair by forcing it forward with his left foot, and to turn the chair in a desired direction the yoke 27 is raised so as not to straddle the extension of the handle 24, and allow the same, by taking hold of the handle 26 (while propelling with the left foot) to be turned in the desired direction. The reach of the wheels of the wheeled base is such as to straddle over a bed of strawberries or other berries or vegetables. It is to be understood that the height of the carriage is sufficient not to interfere with the growing plants. If there are matted rows of strawberries from three to four feet wide the picker in tilted chair can reach the middle of the row and then roll around with the chair and finish the other side in the chair. It can be easily seen that in such a row no person can reach the center without stepping in among the plants and thereby injuring them, while the tilting chair obviates this difficulty. The yoke 27 is always turned down when the chair is to be conveyed from one place to another by the use of the handle 24; in other ways the yoke is up.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A device of the class described, comprising a wheeled base, removable receptacles positioned on the forward end of said base and having a handle, means positioned on said base and coacting with said handle, whereby said receptacles are firmly held on said base, a seat having rocking bearings on said base and rocking in a plane normal to the longitudinal axis of said base, and means associated with said wheel base for guiding the same when propelled.

2. A device of the class described, comprising a wheeled base having removable

receptacles and a rocking seat, said seat rocking in a plane normal to the longitudinal axis of the base, resilient means connecting said seat and base to maintain said seat normally in a horizontal position, a removable standard positioned at the forward end of said seat and near the middle of same and adapted to project between the legs of a person occupying said seat, and means associated with said base for guiding the same when said base is propelled.

3. A device of the class described, comprising a wheeled base having a pair of forward pivotally-attached wheels and a pair of fixed wheels at its rear end, removable receptacles on said base and a rocking seat above said base, a handle positioned in

back of said base having an extension extending axially with same and attached to the forward pair of said wheels, an additional handle on said extension intermediate said base and the first handle, and means on said base associated with said extension of said handle, whereby said forward wheels can be prevented from pivoting.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

IDA MARY PETERS.

Witnesses:

CLARENCE J. DRAKE,
EDITH VAN LENVEN.