No. 758,343. PATENTED APR. 26, 1904.

R. D. WIRT.

GARBAGE CART.

APPLICATION FILED DEC. 8, 1903.

NO MODEL. 2 SHEETS—SHEET 1.

Fig. 1.

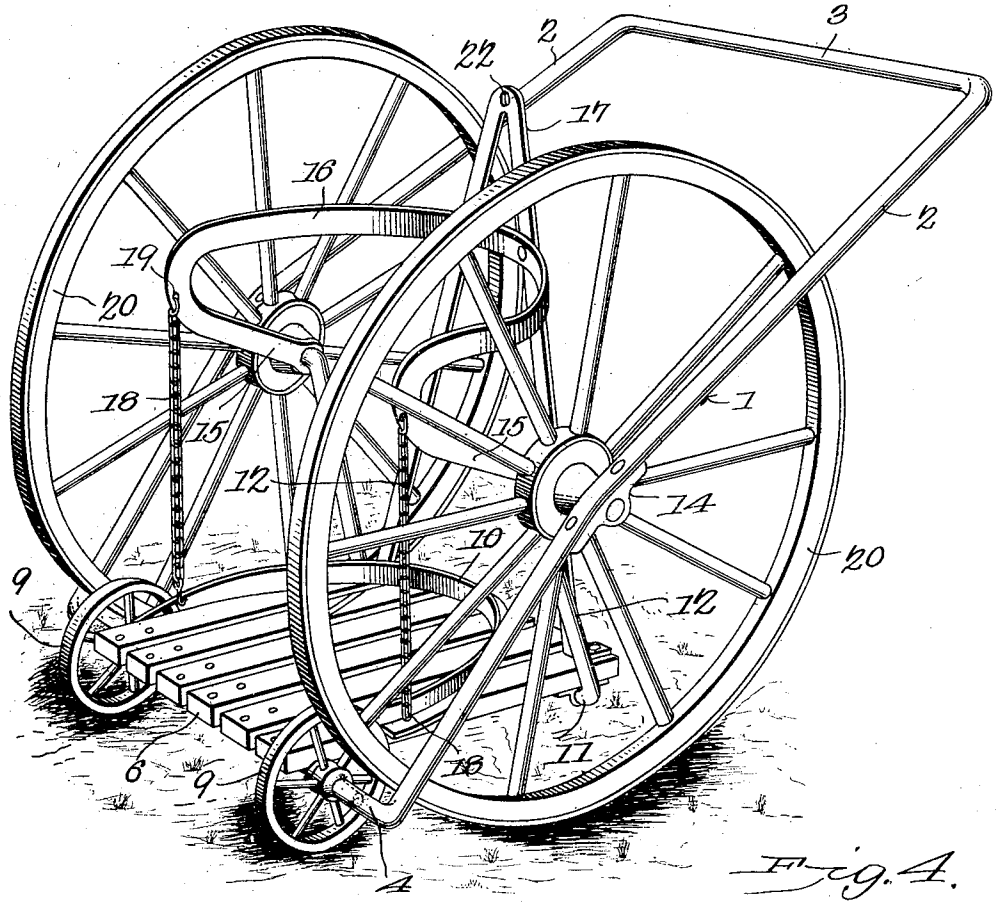


Fig. 4.

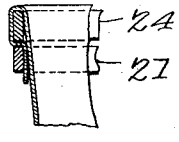
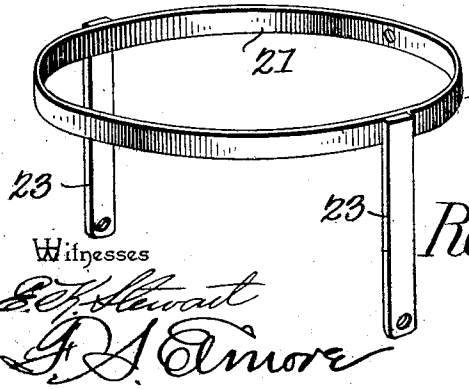


Fig. 3.



Witnesses

E. K. Stewart

F. J. Amore

Reuben. D. Wirt, Inventor.

by C. A. Snow & Co.

Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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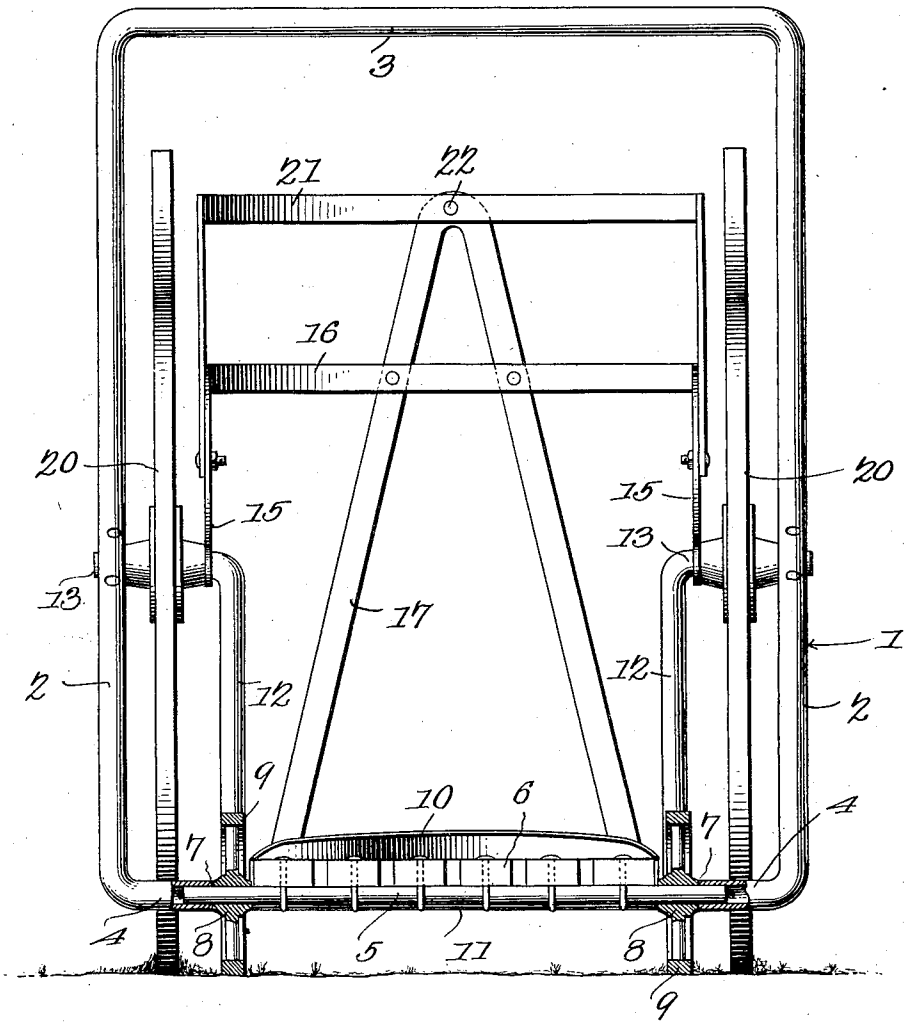
NO MODEL. 2 SHEETS—SHEET 2.

Fig. 2.



Witnesses
E. F. Stewart
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by C. A. Snow & Co
Attorneys

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No. 758,343. Patented April 26, 1904.

UNITED STATES PATENT OFFICE.

REUBEN D. WIRT, OF PHILADELPHIA, PENNSYLVANIA.

GARBAGE-CART.

SPECIFICATION forming part of Letters Patent No. 758,343, dated April 26, 1904.

Application filed December 8, 1903. Serial No. 184,332. (No model.)

To all whom it may concern:

Be it known that I, REUBEN D. WIRT, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Garbage-Cart, of which the following is a specification.

My invention relates to carts or carriers such as are employed in street-cleaning, handling garbage, and the like, and has for its objects to produce a simple inexpensive device of this character which will be strong and durable, one in which the axles and the hubs of the transporting-wheels will be braced and have a firm bearing at opposite ends of the latter, and one in which the device may be readily adapted for sustaining either a can or a sack, as circumstances require.

To these ends the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a perspective view of a cart embodying my invention. Fig. 2 is a front sectional elevation. Figs. 3 and 4 are detail views.

Referring to the drawings, 1 designates the main frame, formed preferably from a length of pipe-tubing bent into substantially **U** shape to provide parallel side bars 2 and a connecting-handle or cross-bar 3, the bars 2, which normally stand at an upward rearward inclination, being bent inward at their lower ends to form lower bearings 4, which receive and have bolted or otherwise secured within them the ends of a front connecting bar or axle 5. This axle 5, which sustains the front end of a platform 6, is of smaller diameter than the bearings 4, thereby producing at the juncture of said parts bearing shoulders or collars 7, against which the hubs 8 of secondary or caster wheels 9 bear at their outer ends, said hubs having bearing at their inner ends against the adjacent sides of the platform 6.

The platform 6, which is provided upon its upper face with an upstanding can-retaining flange 10, extends at its rear end between and is supported by a substantially **U**-shaped drop-axle 11, the parallel side bars or hanger-arms 12 of which are bent outwardly at their upper ends to form horizontal spindles 13, journaled at their outer ends in bearings 14, bolted or otherwise secured to the side bars 2 of the main frame. The spindles 13 receive at their inner ends the depending arms or braces 15 of a substantially semicircular can receiving and supporting member or frame 16, riveted at its rear to a vertical brace 17, which arises from and is in turn bolted at its lower end to the base or platform 6, the lower ends of the arms or braces 15 being perforated to encircle the spindles 14. The frame 16 and its supporting-arms are preferably formed integral from a suitable length of strap metal, which is bent to shape, as herein shown, while the brace 17, which is likewise formed from strap metal, is preferably of substantially **A** form and projects above the frame 16 for the purpose which will later appear. When a can or like receptacle is in position upon the cart, it is secured within the frame 16 by chains or similar flexible elements 18, detachably engaged at one end through perforations 19 and adapted to have their other ends interengaged or locked around the front wall of the receptacle.

Mounted upon the spindles 13 are the main transporting-wheels 20, the hubs of which bear at their outer ends against the boxes 14 and at their inner ends against the arms 15 of frame 16, which latter also serve to brace and support the inner ends of the spindles, thereby materially strengthening the structure as a whole.

21 designates a ring-like sack-supporting member, which in practice is bolted, as at 22, to the upper end of brace 17 and is supported from the frame 16 by arms or standards 23, secured at their lower ends to the frame by means of bolts engaged through the openings 19. In practice when it is desired to secure a sack in position its mouth is folded around a ring 24 and then drawn downward through ring 21, upon which latter the ring 24 rests, thus clamping the mouth of the sack between said parts.

From the foregoing it is apparent that I produce a simple and at the same time a strong and durable device in which the various parts

of the frame serve to mutually brace and strengthen one another and one in which the transporting-wheels will be firmly and evenly sustained and liability of their axles or spindles becoming displaced be entirely obviated. In attaining these ends I do not limit myself to the precise details herein set forth, inasmuch as minor changes may be made without departing from the spirit of the invention.

Having thus described my invention, what I claim is—

1. In a device of the class described, the combination with a main frame including side bars, of a drop-axle having horizontal spindles connected with the side bars, wheels mounted on the spindles, a supporting-frame engaging the spindles and serving as a bearing for the inner ends of the wheel-hubs, said hubs bearing at their outer ends against the bars, a platform sustained by the axle and a brace carried by the platform and engaging the supporting-frame.

2. In a device of the class described, the combination with a main frame including side bars provided at their lower ends with bearings, of a main axle sustained by the frame, main wheels mounted on said axle, a secondary axle sustained by the lower bearings, secondary wheels having hubs mounted on the secondary axle and bearing at their outer ends against the lower bearings, and a platform supported by the secondary axle and serving as a bearing for the inner ends of said hubs.

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

REUBEN D. WIRT.

Witnesses:

JNO. F. BRUCE,

ALFRED A. DU BAN.