June 10, 1941. T. LANDSMAN ET AL 2,245,543

RECEPTACLE HANDLING APPLIANCE

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Fig. 1.

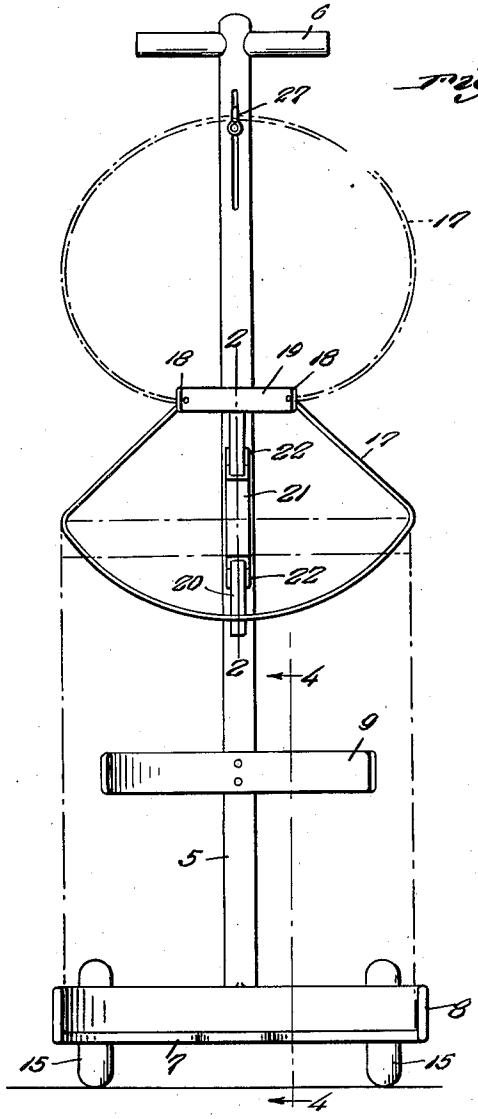
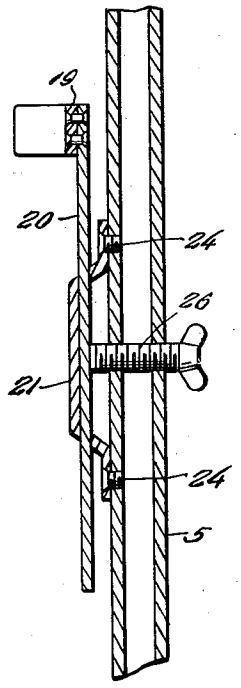


Fig. 2.



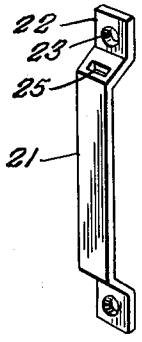


Fig. 3.

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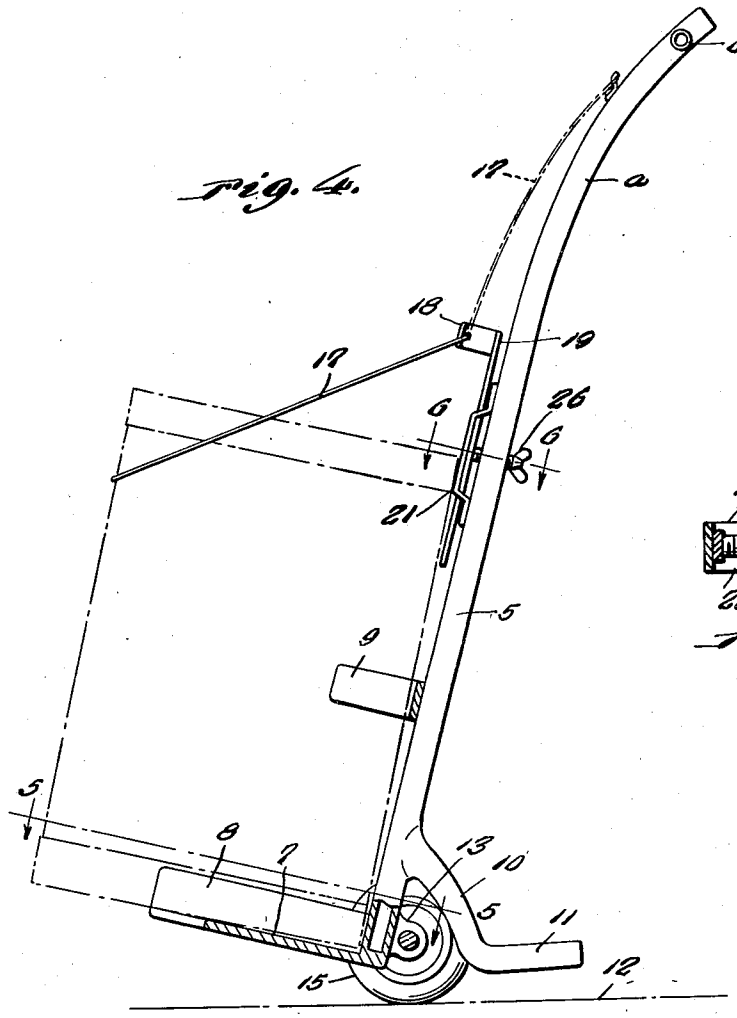
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RECEPTACLE HANDLING APPLIANCE

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Fig. 4.



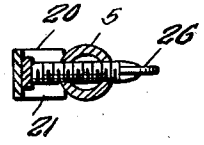


Fig. 6.

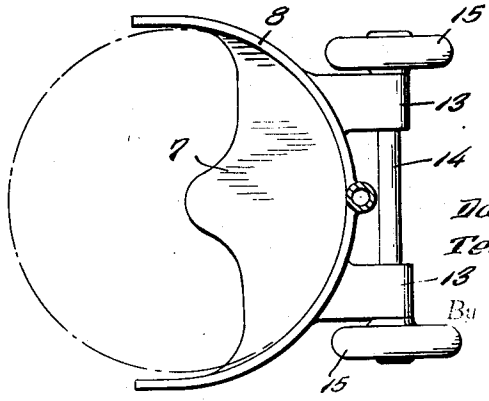


Fig. 5.

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Patented June 10, 1941 2,245,543

UNITED STATES PATENT OFFICE

2,245,543

RECEPTACLE HANDLING APPLIANCE

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Application May 7, 1940, Serial No. 333,828

2 Claims. (Cl. 214—65.4)

This invention appertains to new and useful improvements in hand trucks and the like for handling various receptacles, such as garbage cans and the like in a convenient and effortless manner. It is at present very unpleasant to shift or move about garbage cans, and it is the principal object of the present invention to provide a specially constructed hand truck which will permit the moving of garbage cans from one point to another with but a minimum number of required contacts with the can.

Other objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawings—

Figure 1 represents a front elevational view of the truck.

Figure 2 is an enlarged fragmentary detailed sectional view taken substantially on the line 2—2 of Figure 1.

Figure 3 is an enlarged perspective view of the guide bracket.

Figure 4 is a vertical sectional view taken substantially on the line 4—4 of Figure 1.

Figure 5 is a sectional view taken substantially on the line 5—5 of Figure 4.

Figure 6 is a sectional view taken substantially on the line 6—6 of Figure 4.

Referring to the drawings wherein like numerals designate like parts, it can be seen that numeral 5 denotes an elongated hand bar the upper portion of which is slightly curved as at *a* and provided with a cross bar 6 forming hand grips, one at each side of the bar 5. A forwardly projecting shelf is provided at the lower end of the bar 5 and this shelf has a semi-circular shaped side wall 8. A slight distance up the bar 5 is an arcuate-shaped rest 9. A leg member 10 depends from the rear portion of the bar 5 and has a foot member 11 adapted to engage the ground 12 when it is desired to rest the truck with the can thereon. Ears 13 forming bearings project rearwardly from the wall 8 and has the shaft 14 disposed therethrough. The ends of this shaft have wheels 15 thereon for supporting the truck as it is moved from one point to another. As can be seen in Figure 4, a half portion of the can 16 will rest on the shelf 7 and against a portion of the wall 8 while the back portion of the can will bear against the arcuate-shaped member 9. To keep the can from tipping off, a sling 17 is afforded and it is preferable that this be a stiff wire member with its ends secured to the leg portions 18 of a substantially U-shaped structure 19 at the upper end of a slide 20. A guide bracket 21, substantially U-shaped and having the foot portions 22 thereof formed with openings 23 for receiving retaining screws 24, serves as a guide for the slide 20. The shoulder portions of the U-shaped bracket 21 have openings 25 therein through which the slide is disposed, and a clamp screw 26 feedably disposed through the bar 5 is adapted to engage the rear side of the slide 20 and clamps the same against the guide bracket 21. A slidably mounted hook 27 at the upper end portion of the bar 5 can be used to hang the sling 17 over as shown in dotted lines in Figure 4 when it is not in a position holding a can 16 onto the truck.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

1. A hand truck of the character described comprising a hand bar, an article supporting shelf at the lower end of the bar, wheels at the lower end of the bar, a slide mounting on the intermediate portion of the bar, a sling on the slide mounting, said sling being movable to engage and hold an article on the shelf, a slide hook at the upper end of the bar and adapted to afford a retainer over which the sling is disposable, said slide mounting consisting of a forwardly protruding structure on the bar having openings therein, a T-shaped member having its depending portion disposed through the openings and having its head portion of arcuate shape and to which the sling is secured, and a clamp member disposed through the hand bar and against the depending portion of the T-shaped member to retain the same in definite position with respect to the protruding structure.

2. A hand truck comprising a hand bar, an article supporting shelf at the lower portion of the bar, wheels supporting the shelf and bar, a sling for holding articles on the shelf, a mounting for the sling located at an intermediate point on the hand bar, said mounting consisting of a substantially U-shaped member having its leg portions attached to the bar, the leg portions of the U-shaped member having openings therein, a substantially T-shaped member having its depending portion slidably disposed through the openings of the U-shaped member, said sling being attached to the head portion of the T-shaped member, and a set screw feedable through the hand bar and against the depending portion of the T-shaped member to clamp the same against the outermost portion of the U-shaped member.

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