The invention concerns a combined stand and cart for covered receptacles such as garbage cans. It is an object of the invention to provide a wheeled carrier device which is adapted, when in stationary position, to provide a stand for garbage cans and the like.

It is a further object of the invention to provide a device of the character described which is adapted to maintain the receptacle in fixed, upright position while permitting the receptacle to be removed from the device at will.

Another object of the invention is to provide a device which is of such dimensions and weight that it cannot easily be upset.

A still further object of the invention is to provide a device which includes means for supporting the cover independently of the receptacle, and in which the cover is permanently attached to the device so that it cannot be damaged or lost.

Another object of the invention is to provide a device which is adapted to maintain the cover in place at all times while permitting the cover to be lifted from the receptacle at will.

Another object of the invention is to provide a device which includes foot operable means, as well as manually operable means, for lifting the receptacle from the receptacle.

Another object of the invention is to provide a device in which the cover when lifted from the receptacle, may be caused to remain in its elevated position when desired. This arrangement permits the receptacle to be freely removed from and returned to the device. It also permits free access to the receptacle.

Another object of the invention is to provide a device in which the cover is adjustably secured to the device by an arrangement which permits the cover to be tilted at any desired angle with respect to the receptacle. Thus proper seating of the cover is assured even when the receptacle is filled beyond its capacity.

Another object of the invention is to provide a device which is adjustable to permit it to be used with receptacles of different sizes.

The invention will be readily understood by referring to the following description and the accompanying drawing, in which:

Fig. 1 is a side view of a stand and cart embodying the invention, showing the receptacle in place and with the cover raised.

Fig. 2 is a front view, taken on the line 2--2 of Fig. 1, showing the cover in place.

Fig. 3 is a top view, taken on the line 3--3 of Fig. 2.

Fig. 4 is a plan view, taken on the line 4--4 of Fig. 2, with the receptacle removed.

Referring to the drawing, the numeral 1 designates a receptacle such as a garbage can, and the numeral 2 indicates the cover thereof.

The stand and cart of the invention is mounted on a pair of axially aligned wheels 3, and has a light weight frame including a horizontal base portion 4, which is disposed between the wheels 3 and extends forwardly therefrom, and a pair of elongated handle members 5 which are connected at one end to the rear of the base portion 4 and extend upwardly therefrom.

The base portion 4 is formed by a horizontally disposed circular band 6 and a pair of angular corner members 7. Each of the corner members 7 consists of a flat, elongated member which is bent at right angles intermediate its ends, the ends of the corner members 7 being rigidly connected to the peripheral surface of the circular band 6. The corner members 7 are disposed at the rear of the base portion 4.

Each of the wheels 3 is mounted on a stub axle 8. The stub axles 8 are aligned with each other, and each of them is rigidly secured to the outer surface of one of the corner members 7.

The lower end of each of the handle members 5 is rigidly secured to the inner surface of one of the corner members 7, adjacent the bend thereof, and extends upwardly and outwardly to a point directly above one of the wheels 3. The handle members 5 are disposed vertically throughout a major portion of their length, being bent rearwardly adjacent the upper ends.

The arrangement is such that the frame of the device may be tilted about the stub axles 8. A pair of pedestals 9, which are rigidly secured to the inner surface of the circular band 6 and extend downwardly therefrom, are provided to support the frame of the device at its forward end.

Two pairs of horizontally disposed straps 10, which intersect each other at right angles, are secured to the lower edge of the circular band 6 and form a basket-like arrangement for supporting the receptacle from the bottom. A plurality of retaining members 11, each of which is adjustably secured to one of the straps 10 intermediate its ends, are provided to adapt the device for use with receptacles of different diameters. Upstanding portions 12 of the retaining members 11 are adapted to engage the peripheral edge of the bottom of the receptacle to prevent lateral movement thereof. The retaining members 11 are slotted at 13 whereby they may be adjusted transversely with respect to the straps 10.

An arcuate member 14, which supports the cover 2, is pivotally secured near its end to upper portions of the handle members 5. A plurality of holes 15 are formed in the handle members 5, one above the other, and the arrangement is such that the holes 15 may be selectively engaged by bolts 16 to pivotally connect the arcuate member 14 to the handle members 5. Thus the device is adjustable for use with receptacles of different
A handle 21 is secured to the forward portion of the arcuate member 14 for use in raising and lowering it manually. Manipulation of the handle 21 is necessary to raise the arcuate member 14 to its uppermost position, as shown in Fig. 1. The arcuate member 22 comprises a foot pedal for use in raising and lowering the cover 2, pivotally connected, intermediate its ends, to a pair of links 24. The links 24 are adjustable connected to the links 19 and form continuations thereof. A plurality of holes 25 are formed in the links 19 and 24. The holes 25 may be selectively engaged by a pair of bolts 26 whereby the combined length of the links 19 and 24 may be adjusted to adapt the device for use with receptacles of different heights. Upon depressing the foot pedal 23, the links 19 and 24, acting upon the widened portion 16 of the arcuate member 14, raise the cover 2. A pair of tension springs 27 are connected at their ends to the arcuate member 22 and to the handle member 5. The springs urge the arcuate member 22 upwardly when the foot pressure is released. It is thus evident that the arcuate member 14 and the cover 2 will be caused to fall by their own weight as well as by the action of the springs 27.

The upper ends of the springs 27 are connected to the handle members 5 by eye bolts 28. The eye bolts 28 also connect the ends of a strap 29, which extends across the back side of the device and assists in retaining the receptacle in place, to the handle members 5.

I claim:

1. A combined stand and cart for covered receptacles comprising a light weight frame mounted on a pair of axially aligned wheels, the frame including a horizontal base portion disposed between the wheels and extending forwardly therefrom and a pair of elongated handle members connected at one end to the rear of the base portion and extending upwardly therefrom, an arcuate member carrying the cover of the receptacle and normally disposed horizontally at about the same elevation as the top of the receptacle, the arcuate member being pivotally secured near its ends to the handle members and an intermediate portion of the arcuate member partially surrounding the cover, the ends of the arcuate member extending rearwardly beyond the handle members and acting as levers whereby the cover may be raised and lowered, a second arcuate member normally disposed horizontally below the first arcuate member and pivotally secured at its ends to the handle members, the second arcuate member carrying a foot pedal for raising and lowering the cover, linkage being adapted to at least one end of the first arcuate member to an intermediate portion of the second arcuate member whereby the first arcuate member is raised upon depressing the foot pedal, and spring means acting upon one of the arcuate members whereby the arcuate members are returned to their normal positions when the foot pressure is released.

2. A combined stand and cart for covered receptacles comprising a light weight frame mounted on a pair of axially aligned wheels, the frame having a horizontal base portion disposed between the wheels and extending forwardly therefrom and a pair of elongated handle members connected at one end to the rear of the base portion and extending upwardly therefrom, the base portion being adapted to support the receptacle from the bottom and having retaining means adapted to prevent lateral movement of the receptacle, an arcuate member carrying the cover of the receptacle and normally disposed horizontally at about the same elevation as the top of the receptacle, the arcuate member being pivotally secured near its ends to the handle members and an intermediate portion of the arcuate member partially surrounding the cover, means pivotally connecting two opposite sides of the cover to the intermediate portion of the arcuate member, the ends of the arcuate member extending rearwardly beyond the handle members and acting as levers whereby the cover may be raised and lowered, means limiting the upward movement of the arcuate member, handle means for manipulating the arcuate member near and lower the cover, a second arcuate member normally disposed horizontally below the first arcuate member and pivotally secured at its ends to the handle members, the second arcuate member carrying a foot pedal for raising and lowering the cover, a pair of links pivotally connected at their upper ends to the ends of the first arcuate member and at their lower ends to intermediate portions of the second arcuate member, and a pair of tension springs connected at their upper ends to the handle members and at their lower ends to the second arcuate member.

HENRY H. WHITLEY.

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