To all whom it may concern:

Be it known that I, Robert L. Smith, a subject of the King of Great Britain, and resident of the city of Toronto, county of York, Province of Ontario, in the Dominion of Canada, have invented certain new and useful Improvements in Receptacle-Cover Supports, described in the following specification and illustrated in the accompanying drawings, that form part of the same.

The principal objects of this invention are, to eliminate the inconvenient conditions of the removal of garbage receptacle covers and to devise a cover lifting structure which may be easily and quickly removed and replaced to enable the receptacle being emptied without damage to the cover or its operating members.

A still further object is to devise a cover support which may be manufactured at very low cost and will be strong and durable.

The principal feature of the invention consists in the novel construction of a pair of supporting brackets secured to the receptacle and a detachable cover hinge supporting member and operating rod supported by said brackets, whereby the cover may be swung open by the pressure of the foot and whereby the cover and its operating connections may be readily removed from the receptacle.

In the drawings, Figure 1 is a perspective view of a receptacle and my improved cover operating device.

Fig. 2 is a reduced side elevational view showing the cover raised, or swung open upon its hinge.

Fig. 3 is an elevational view showing the manner of removing the cover and cover-holding device.

The receptacle here shown is of a cylindrical type and secured to the outer side and in vertical alinement the one with the other, are a pair of brackets 1 having side fastening lugs 2 and a central raised portion 3. The upper end of the raised portion is provided with an extension lip 4 which bears against the wall of the can and prevents the raised portion from being bent.

The central raised portion of the brackets is formed with a pair of angle-shaped lugs 5 which form vertical guides. A flat metal bar 6 is adapted to slide between the guide members 5 and is formed with a pair of laterally extending lugs 7 which rest upon the upper end of the lugs 5 of the upper bracket and limit the downward movement of the bar. The upper end 8 of the bar is bent slightly outward and formed at the extremity with the hinge lugs 9.

A metal strap 10 is securely riveted to the cover 11 and projects over the side thereof and is formed with the hinge lugs 12, both pivotally supported upon the hinge pin 13 secured in the lugs 9.

A tongue 14 extends outwardly beyond the hinge and at its outer end is formed with hinge lugs 15. A rod 16 is secured by the pin 17 in the lugs 15 and extends downwardly, having a horizontally bent lower end 18.

A bracket 19 is secured to the lower end of the bar 6. This is preferably formed of a piece of angle iron, having a horizontal lug 20 at the top in which the rod 16 is slidably held. The lower end of the bracket 19 is formed with a horizontally arranged portion 21 which forms a foot piece for holding the receptacle steady if required and also may be utilized as a handle in the replacing of the device upon the receptacle.

In the use of this device the cover 11 which is flanged to fit loosely over the top of the receptacle, rests down upon the rim and when it is desired to raise the cover it is merely necessary to place the foot upon the horizontal end 18 of the rod 16 and a slight downward pressure swings the strap 10 upon its hinge support, raising the cover as shown in Fig. 2 so that the cover may be moved out of the way quite readily even though the person may have both hands engaged in holding whatever is to be placed in the receptacle. Immediately upon the release of the foot the cover falls back into its place.

When the receptacle is to be emptied, the cover may be picked up by the handle 22 and upon being lifted upward the bar 6 will slide upwardly from out of the bracket 1 100 and when the receptacle has been emptied the bar is simply slipped back into the vertical guides.

The device is extremely simple, being made up of very few parts which are extremely strong in construction and will not readily become bent or get out of order.

What I claim as my invention is:

1. A receptacle cover support, comprising, a vertical guide-way secured to the receptacle, a bar adapted to be placed into said guide-way from the top and to slide down-
wardly to a positive position, a member hinged intermediate of its length to the upper end of said bar and connected to the cover, a rod hinged to the outer end of said hinged member, and means for guiding said rod intermediate of its length.

2. A receptacle cover support, comprising, a pair of brackets secured in vertical alignment upon the receptacle and having vertical guideways provided with slots extending through the outer side, a rectangular bar slidably arranged in said brackets and having stop lugs adjacent to the top to engage the upper bracket, a strap pivotally secured intermediate of its length to the top of said bar and connected to the cover, a bracket secured to said vertical bar intermediate of its length, and a rod slideable in the latter bracket and extending upwardly and pivotally connected with the outer end of said hinged member, the outer end of said rod having an outwardly turned foot.

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