

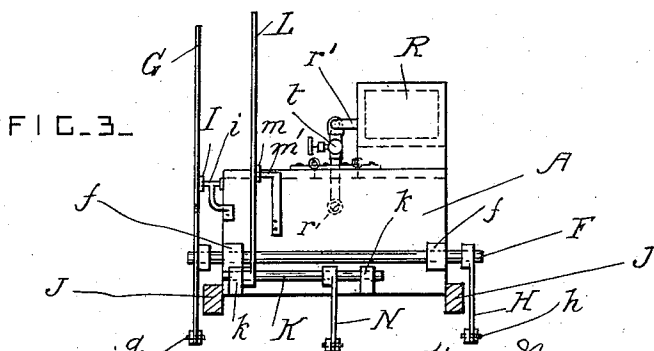
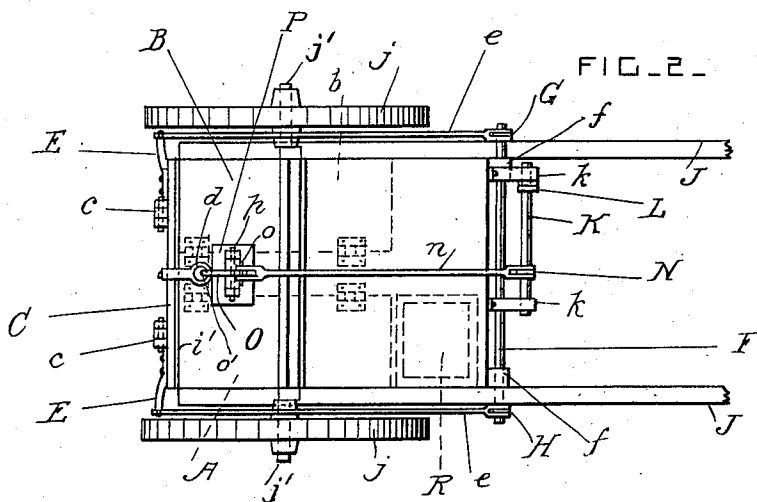
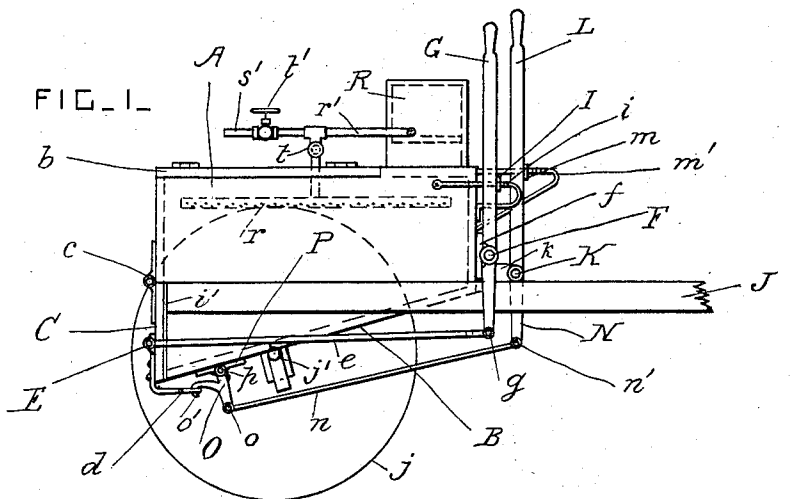
W. NEPEAN-HUTCHISON.

GARBAGE CART.

APPLICATION FILED NOV. 11, 1909.

981,653.

Patented Jan. 17, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

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GARBAGE-CART.

981,653.

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To all whom it may concern:

Be it known that I, WILLIAM NEPEAN-HUTCHISON, a subject of the King of Great Britain and Ireland, residing at Victoria, British Columbia, Canada, have invented certain new and useful Improvements in Garbage-Carts; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

This invention relates to dumping-carts for garbage; and it consists in the novel construction and combination of the parts
15 hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of the cart with one road wheel removed. Fig. 2 is a plan view of the cart, from below. Fig. 3 is a front end view of the garbage
20 receptacle, partly in section.

A is a receptacle for garbage provided with a downwardly and rearwardly inclined bottom B. The top of the receptacle is provided with suitable hinged lids *b* which close
25 tightly, and the rear end of the receptacle is provided with a discharge-door C at its lower part which extends for its full width. This door C has hinges *c* at its top edge, and *d* is an eye which is secured to the bot-
30 tom of the door at its middle part and which projects under the bottom B of the receptacle. The door C has arms E which project laterally from its sides, and *e* are rods which are pivoted at one end to the arms E.

35 F is a rock-shaft which is journaled in bearings *f* secured to the front end of the receptacle. An operating-lever G is secured on one end of the shaft F, and its lower end is pivoted to the front end of one of the rods *e* by a pin *g*. A short lever H is se-
40 cured on the other end of the shaft F, and its lower end is pivoted to the front end of the other rod *e* by a pin *h*.

I is a tooth which projects from the lever G, and *i* is a notched or serrated plate se-
45 cured to the receptacle A for the tooth I to engage with so that the door C can be pressed forcibly against suitable packing or seating *i'* on the receptacle to form a water-
50 tight joint. The rods *e* and the levers are formed of resilient metal so that the door is held closed by spring pressure.

The receptacle A is provided with shafts J, and it is mounted on two road-wheels *j*,
55 so that it may be drawn about. The road-

wheels *j* are journaled on axle-spindles *j'*, and the rods *e* are arranged above the axle-spindles *j'* and between the wheels and the sides of the receptacle A. When arranged
60 in this manner the door can be opened to any desired extent, and the rods *e* do not catch the axle-spindles.

K is a rock-shaft journaled in bearings *k* on the front end of the receptacle A, and arranged below the rock-shaft F. An op-
65 erating-lever L is secured on one end portion of the rock-shaft K adjacent to the operating-lever G. The lever L is provided with a tooth *m* which engages with a toothed or serrated plate *m'* secured to the receptacle
70 so that the lever L may be secured in position. An arm N projects downwardly from the rock-shaft K, and *n* is a rod having its front end pivoted to the lower end of the arm N by a pin *n'*. The rod *n* is arranged
75 under the middle part of the receptacle A, and its rear end is pivoted to a catch O by a pin *o*. The catch O is pivoted by a pin *p* to a bracket P secured to the bottom of the receptacle A, and it is provided with a
80 hook *o'* which engages with the eye *d* on the discharge-door, and when the rod *n* is pulled upon the hook presses the middle part of the bottom of the door hard against its seat and keeps the door water-tight. The hook
85 *o'* projects from the middle part of the catch between the pins *o* and *p*. The rod *n* and its connections are formed of resilient metal, so that the door is locked and held
90 tight by spring pressure.

R is a tank for disinfectant arranged above the top of the garbage receptacle A. A spray-pipe or rose *r* is arranged inside the garbage receptacle A, and is connected
95 to the tank R by a pipe *r'*. The pipe *r'* has a branch *s'* for the attachment of a hose-pipe for water, and the pipes *r'* and *s'* are provided with suitable valves *t* and *t'* respectively to control the flow of liquid.

The garbage receptacle is filled with gar-
100 bage, the discharge-door being first closed tightly so that no liquid can escape. The doors at the top of the garbage receptacle are then closed, and disinfectant or water, or both, is sprayed onto the garbage in any
105 desired quantity. The driver who sits at the front of the garbage receptacle can operate all the valves and levers without leaving his seat, and the contents of the garbage
110 receptacle are discharged by gravity when

the discharge-door is released by the lever L and is opened by means of the lever G.

What I claim is:

1. In a garbage-cart, the combination,
5 with a receptacle having a hinged discharge-door at its rear; of a rock-shaft journaled at the front end of the receptacle, an operating-lever secured to the said rock-shaft, an arm secured to the rock-shaft and projecting
10 downwardly, an eye secured to the middle part of the discharge-door and projecting under the bottom of the receptacle when the door is closed, a catch lever having its
15 upper end pivoted to the bottom of the receptacle and having a hook which projects from its middle part and which engages with the said eye, and a rod pivoted to the
20 said arm and to the lower part of the catch lever below the hook, said door being pressed against the receptacle by the said hook when the said rod is pulled upon.

2. In a garbage-cart, the combination, with a wheeled receptacle having a hinged

discharge-door at its rear, and lever mechanism arranged at the front end of the receptacle and operatively connected with the said door and enabling the driver to open and close it when seated on the front part of the receptacle; of a connecting device secured to the middle of the bottom edge of the door, a lever pivoted to the bottom of the receptacle and provided with means for engaging with the said connecting device when the door is closed, and lever mechanism arranged at the front end of the receptacle and operatively connected with the said lever and enabling the driver to hold the door in watertight relation with the receptacle after closing it.

In testimony whereof I affix my signature, in presence of two witnesses.

WILLIAM NEPEAN-HUTCHISON.

Witnesses:

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