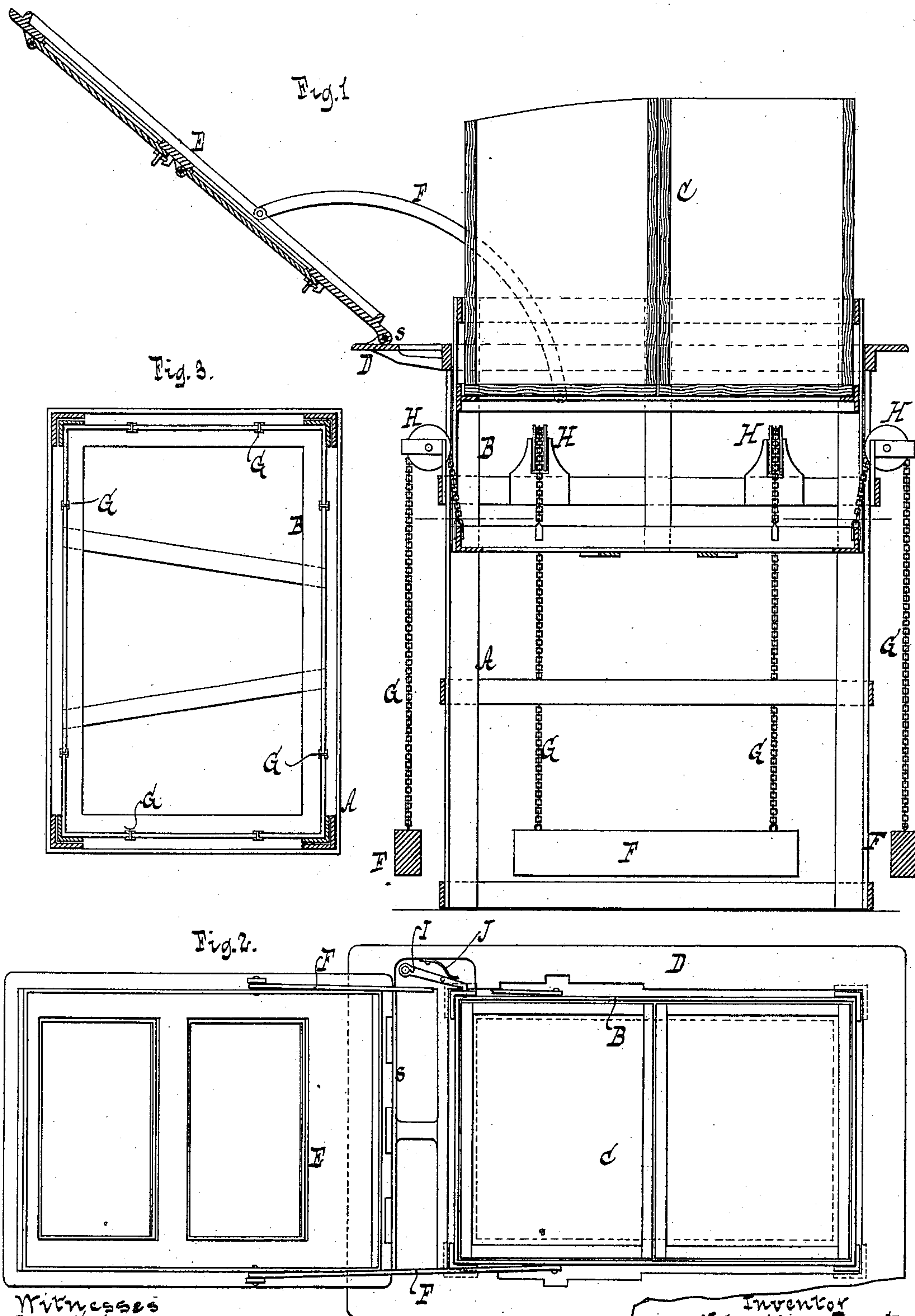


(No Model.)

V. BORST.
GARBAGE RECEPTACLE.

No. 300,685.

Patented June 17, 1884.



Witnesses
Otto Aufeland
William Miller

Inventor
Valentine Borst
by per Vas Santwood & Haupt his attys

UNITED STATES PATENT OFFICE.

VALENTIN BORST, OF NEW YORK, N. Y.

GARBAGE-RECEPTACLE.

SPECIFICATION forming part of Letters Patent No. 300,685, dated June 17, 1884.

Application filed February 21, 1884. (No model.)

To all whom it may concern:

Be it known that I, VALENTIN BORST, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Garbage-Receptacles, of which the following is a specification.

My invention relates to apparatus for raising and lowering garbage-receptacles in sidewalks, as described in Letters Patent Nos. 224,636 and 249,576, granted to me February 17, 1880, and November 15, 1881, respectively; and it consists in the novel features of construction hereinafter described, tending to further facilitate the operation of such apparatus, and also to reduce the cost of manufacture.

In the accompanying drawings, Figure 1 is a longitudinal section of an apparatus embodying my present invention. Fig. 2 is a plan or top view thereof. Fig. 3 is a horizontal section of the same.

Similar letters indicate corresponding parts.

The letter A designates the main frame, and B the sliding frame, the latter being arranged in the main frame to support the garbage-receptacle C, which in this example is in two parts.

At the upper end of the main frame A is a projecting rim or border, D, which, when the apparatus is sunken into a sidewalk, rests on the walk, and to which is hinged, as at s, a cover, E, for closing the opening interior of the rim. This cover E, I connect to opposite sides of the sliding frame B by means of arms F, which are pivoted to both the cover and frame, and consequently when the cover is lifted to an opened position the sliding frame shares its motion, and is brought to an upper position, as shown in Fig. 1, carrying with it the garbage-receptacle, while when the cover is lowered the sliding frame drops to a lower position, thus bringing the garbage-receptacle below the top of the main frame and permitting the cover to close. The point at which the cover E is hinged to the rim D of the main frame is at a distance from one edge of such frame, where the rim is extended for this purpose; and by this arrangement it is made practicable to raise the garbage-receptacle to a considerable distance above the top of the main frame, as shown in Fig. 1, for conven-

ience of removing the receptacle for emptying it, without danger of thereby obstructing the cover in its closing movement, as would be the case if the cover were hinged directly on the edge of the main frame—that is to say, if the cover were hinged at the point last named it would be impracticable to raise the garbage-receptacle above the top of the main frame, inasmuch as it would in that case be an obstruction to the cover.

To assist in raising the sliding frame B by means of the hinged cover E, I make use of weights F, which are connected to the sliding frame through the medium of chains G, or cords passing over pulleys H of the main frame, so that these weights act on the sliding frame with a tendency to draw it upward. In the example shown the weights F are on each side of the sliding frame; but in some cases the weights are placed on two opposite sides of the frame only, this arrangement being, however, preferably adhered to in order to properly balance the frame.

In applying the weights to use I have found that if a single chain is used to each weight the chain is liable to become twisted, and to overcome this difficulty I double the chains, using two to each weight, as shown in Fig. 1.

On the rim D, or any other suitable part of the main frame, is arranged a catch, I, which engages the sliding frame B when the latter reaches an upper position, thus holding the frame stationary. In the example shown this catch I consists of a swinging hook, which is exposed to the action of an impelling-spring, J, and provided with a suitable knob for retracting it, the hook with its spring being covered by a plate, which is omitted in the drawings. Any other suitable catch may, however, be used in lieu of the hook.

I am aware that it is not new to provide a vault with a hinged cover connected by an elevating-chain with a sliding support upon which a bucket rests, said chain passing around a pulley located partially within a recess formed in the side of the vault. Such is not my invention.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, substantially as hereinbefore described, of the main frame, the sliding frame, the cover hinged to the main

frame, and pivoted arms connecting the cover to opposite sides of the sliding frame.

2. The combination, substantially as here-
inbefore described, of the main frame having
5 its upper end provided with a projecting rim,
the sliding frame, the cover hinged to said
rim of the main frame at a distance from one
side of the frame, and the pivoted arms con-
necting the cover to opposite sides of the slid-
10 ing frame.

3. The combination, substantially as here-
inbefore described, of the main frame, sliding
frame, the cover hinged to the main frame,
the pivoted arms connecting the cover to op-
5 posite sides of the sliding frame, and the lift-
ing-weights of the sliding frame.

4. The combination, substantially as here-
inbefore described, of the main frame, the
sliding frame, the cover hinged to the main

frame, the pivoted arms connecting the cover 20
to opposite sides of the sliding frame, the
lifting-weights, and the double chains connect-
ing the weights to opposite sides of the sliding
frame.

5. The combination, substantially as here- 25
inbefore described, of the main frame, the
sliding frame, the cover hinged to the main
frame, the pivoted arms connecting the cover
to opposite sides of the sliding frame, and the
catch arranged on the main frame to engage 30
the sliding frame in its upper position.

In testimony whereof I have hereunto set
my hand and seal in the presence of two sub-
scribing witnesses.

VALENTIN BORST. [L. S.]

Witnesses:

W. HAUFF,

CHAS. WAHLERS.