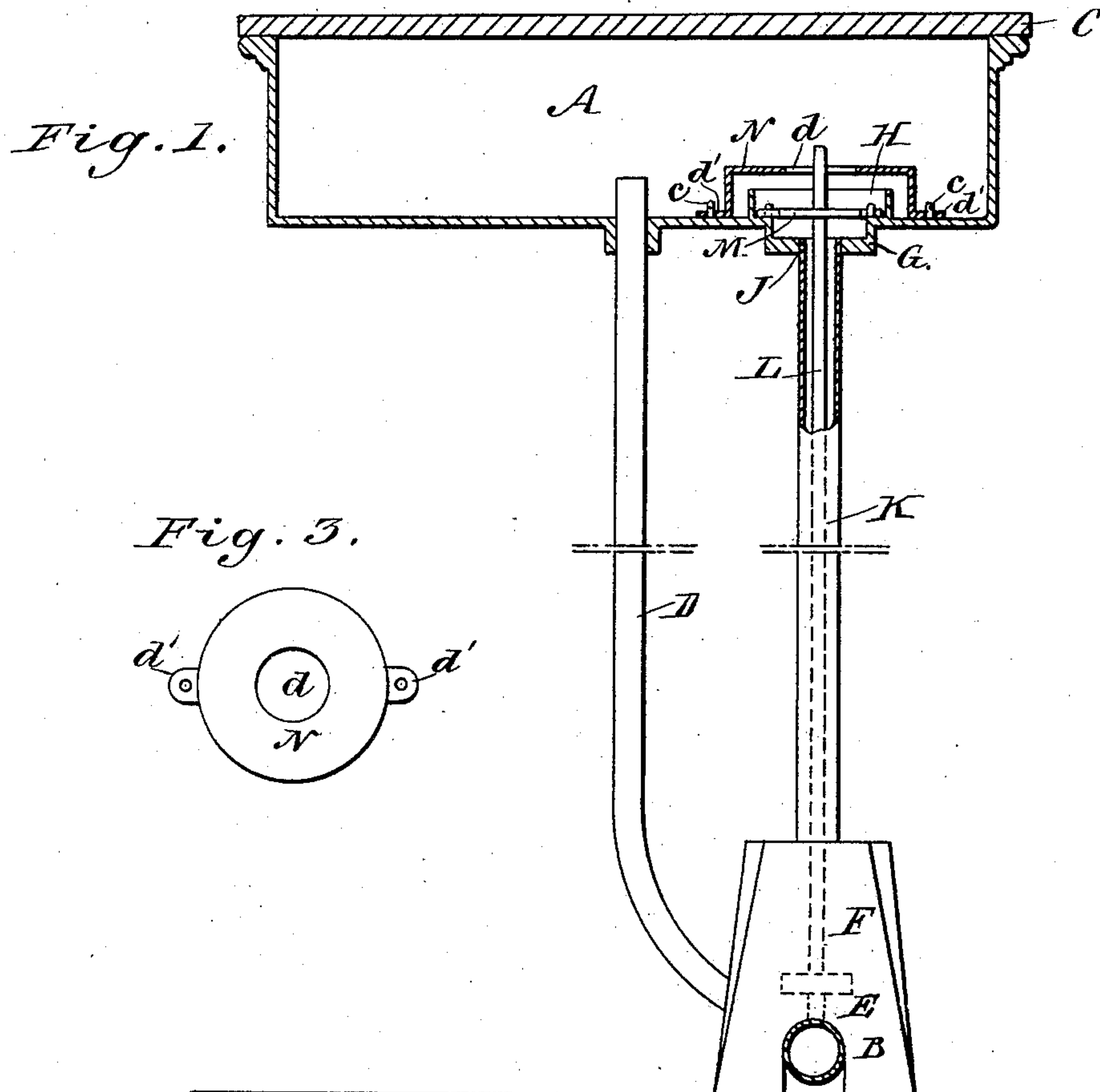


(No Model.)

F. CHAPMAN.
STREET WASHER.

No. 341,405.

Patented May 4, 1886.



WITNESSES:

John H. Deemer
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UNITED STATES PATENT OFFICE.

FREDERICK CHAPMAN, OF BROOKLYN, NEW YORK.

STREET-WASHER.

SPECIFICATION forming part of Letters Patent No. 341,405, dated May 4, 1886.

Application filed February 19, 1886. Serial No. 192,549. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK CHAPMAN, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Street-Washer, of which the following is a full, clear, and exact description.

My invention relates to the water-pipe connections and appliances commonly known as "street-washers;" and my invention consists of the construction, arrangement, and combination of parts, all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my invention. Fig. 2 is a plan view of the same, the top of the main box and the cap being removed; and Fig. 3 is a plan view of the cap.

A represents the main box of the street-washer, to be set in the ground or pavement immediately over the water-main or service-pipe B, and closed by a removable plate or cover, C. The box A and pipe B are connected by a pipe, D, to the upper end of which a hose or hydrant may be attached. The connection of the pipes B D is fitted with a valve, E, which is covered by the box F. The upper main box, A, is formed with a depression, G, in its bottom, and surrounding the depression G is the flange or collar H. In an opening, J, in the depression G is fitted the upper end of the tube or shell K, which leads to the top of the box F, and in the tube or shell K is placed the rod L, which connects with the valve E, and is made square at its upper end to receive a key for turning it for opening and closing the valve. A stop plate or yoke, M, is placed upon the rod L, formed with the opposite pro-

jections *a a*, which act between and upon the opposite sides of the fixed studs *b b* to limit the rotary movement of the rod L. The yoke M and studs *b* are protected by the above-mentioned flange or collar H, which surrounds and rises above them, as shown in Fig. 1, and covering the flange or collar H and the parts contained therein is the cap N. This is formed with the central aperture, *d*, to expose the upper end of the rod L, and is held in place by the pins *c c*, which pass through small holes made in the ears *d' d'*, formed at the edge of the cap N, so that the cap is held securely in place and prevents dirt from entering the collar H, depression G, and pipe K, and interfering with the free movement of the rod L and stop plate or yoke M.

Constructed in the manner described, the street-washer is not only wholly protected from becoming clogged by the entrance of dirt to the movable parts thereof, but is practical and cheap to manufacture.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The box A, formed with the upwardly-projecting flange H, surrounding the opening in which the shell K is fitted, in combination with the cap N, secured to the bottom of the box A, over the flange H, substantially as and for the purposes set forth.

2. The box A, formed with the depression G, aperture J, collar or flange H, and studs *b*, in combination with the cap N, the rod L, shell K, and yoke M, placed upon the rod L, substantially as and for the purposes set forth.

FREDERICK CHAPMAN.

Witnesses:

ALEXANDER FITCHETT,
H. A. WEST,
C. SEDGWICK.