

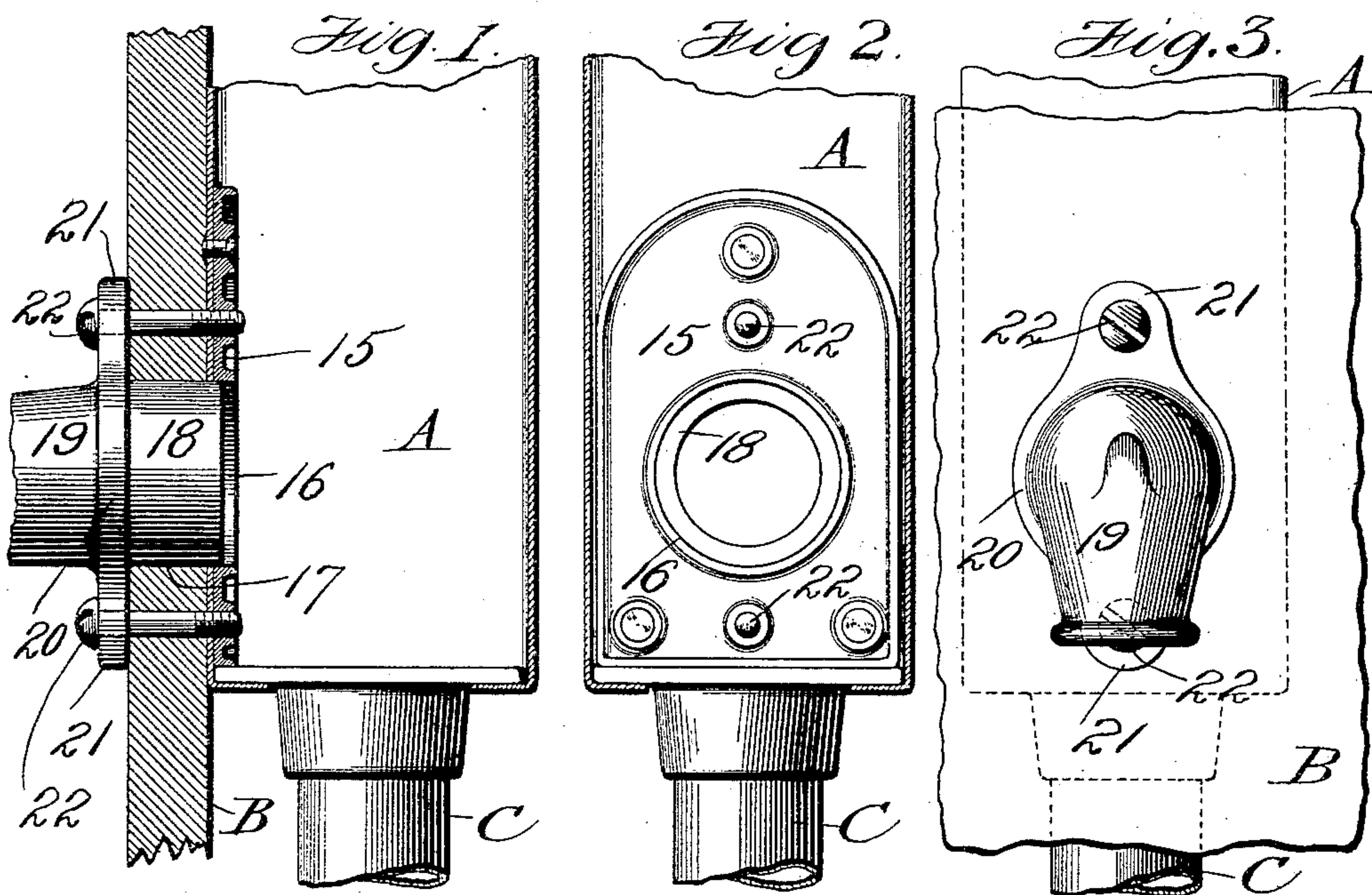
No. 616,394.

Patented Dec. 20, 1898.

C. A. BARTLIFF.
PUMP CURB RESERVOIR.

(Application filed Jan. 17, 1898.)

(No Model.)



Attest:
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UNITED STATES PATENT OFFICE.

CHARLES A. BARTLIFF, OF ST. LOUIS, MISSOURI.

PUMP-CURB RESERVOIR.

SPECIFICATION forming part of Letters Patent No. 616,394, dated December 20, 1898.

Application filed January 17, 1898. Serial No. 666,880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BARTLIFF, a subject of the Queen of Great Britain, residing at the city of St. Louis, State of Missouri, have
5 invented a certain new and useful Improvement in Pump-Curb Reservoirs, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the
10 same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical sectional view through a portion of a pump-curb and a reservoir, showing my improved device for attaching the
15 reservoir and spout to the pump-curb. Fig. 2 is a rear elevational view of the same, the rear wall of the pump being removed to more clearly show the attaching device; and Fig. 3
20 is a front elevational view of a portion of a pump-curb with the reservoir attached.

This invention relates to a new and useful improvement in reservoirs for pump-curbs; and it consists in the construction, arrangement,
25 and combination of the several parts, all as will hereinafter be described and afterward pointed out in the claims.

The object of this invention is to provide an economical and easily-applied attaching
30 device for the reservoir and spout, clamping the two in position on the pump-curb.

In the drawings, A indicates the reservoir, which is preferably made of sheet metal, the four walls being complete, as shown, with the
35 exception of the opening for the passage of water in the front wall.

B indicates a portion of the curb, and C the tubing leading into the bottom of the reservoir A, through which a chain and its flights for
40 elevating the water pass.

15 indicates a plate arranged inside the reservoir A and against the front wall thereof, said plate being preferably secured in position by rivets, as shown. This plate is also
45 provided with a suitable opening 16, which registers with an opening 17 in the reservoir for the passage of water, said opening being designed to receive the inner end 18 of the
spout 19. Spout 19 is provided with a flange

20, which rests against the outer face of the 50 curb.

21 indicates lugs extending from flange 20 for receiving screw-bolts 22, which pass through the curb and reservoir and are threaded into plate 15, thus clamping the reservoir 55 and spout to their respective sides of the curb.

Plate 15 preferably covers a considerable area of the front wall of the reservoir to clamp the same firmly in position against the curb, so as to afford a rigid support for the tubing 60 C, which is suspended from said reservoir.

I am aware that minor changes in the construction, arrangement, and combination of the several parts of my pump and reservoir can be made and substituted for those herein 65 shown and described without in the least departing from the nature and principle of my invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is— 70

1. The combination with a pump-curb, of a reservoir, a spout which leads from said reservoir, a plate arranged within the reservoir, and fastening devices which pass through the 75 pump-curb and engage the spout and said plate for clamping the parts together, substantially as described.

2. The combination with a pump-curb, of a reservoir formed of sheet metal comprising 80 four walls, a plate fitting against the front wall of said reservoir, a pipe leading into the bottom of the reservoir, a spout having an inward extension opening into said reservoir through said plate and curb, a flange on said 85 spout which bears against the outer face of the curb, and screw-bolts which pass through said flange and are threaded into said plate, for clamping said spout and reservoir to the curb, substantially as described. 90

In testimony whereof I hereunto affix my signature, in the presence of two witnesses, this 31st day of December, 1897.

CHARLES A. BARTLIFF.

Witnesses:

F. R. CORNWALL,
HUGH K. WAGNER.