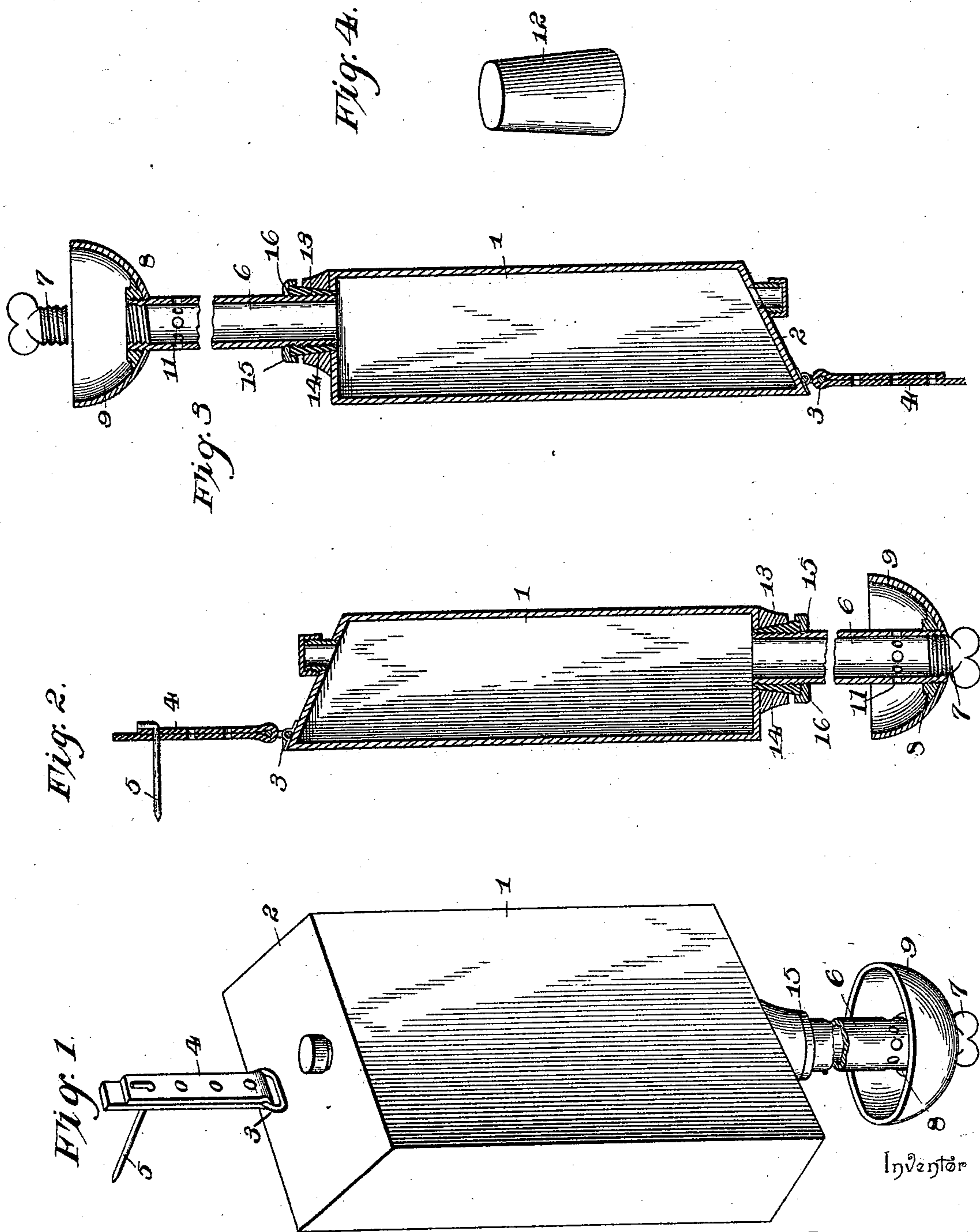


(No Model.)

A. L. HIGGINS.  
DRINKING FOUNTAIN FOR FOWLS.

No. 516,637.

Patented Mar. 13, 1894.



Inventor

Witnesses

*C. A. Ford*  
*N. H. Rely*

By *his* Attorneys.

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# UNITED STATES PATENT OFFICE.

ALBERT L. HIGGINS, OF BAR HARBOR, MAINE.

## DRINKING-FOUNTAIN FOR FOWLS.

SPECIFICATION forming part of Letters Patent No. 516,637, dated March 13, 1894.

Application filed June 17, 1893. Serial No. 477,931. (No model.)

### *To all whom it may concern:*

Be it known that I, ALBERT L. HIGGINS, a citizen of the United States, residing at Bar Harbor, in the county of Hancock and State of Maine, have invented a new and useful Drinking-Fountain for Fowls, of which the following is a specification.

The invention relates to improvements in drinking fountains for fowls.

The object of the present invention is to improve the construction of drinking fountains for fowls, and to provide one adapted to be attached to the side of a barn or to other suitable supports, and capable of vertical adjustment to arrange the cup or trough at the desired elevation to suit the size of the fowls for which it is intended.

A further object of the invention is to prevent fowls alighting or standing on the top of the fountain, and to enable the latter to be readily and conveniently filled without spilling or wasting the water.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a perspective view of a fountain constructed in accordance with this invention. Fig. 2 is a vertical sectional view. Fig. 3 is a similar view, the fountain being inverted, and the cup being arranged to form a funnel or flaring mouth for the tube. Fig. 4 is a detail view of an elastic plug for closing the lower end of the tube.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates an approximately rectangular receptacle, constructed preferably of sheet metal and having an inclined top 2 to prevent fowls from standing upon it, and having a loop or bail 3 receiving an attachment strap 4, whereby the receptacle is adapted to be adjusted vertically. The attachment strap is provided at one end with a series of perforations to afford the adjustment, and it engages a supporting hook 5. The receptacle has depending from it a vertical tube 6, which has its lower end threaded and closed by a plug 7 and fitting in a threaded socket 8 of a cup 9, whereby the latter is attached to the

lower end of the tube 6. The tube 6 is provided above its threaded portion with an annular series of perforations 11 for discharging water into a cup. The lower end of the tube 6 extends through the bottom of the cup, which is preferably semi-spherical, and which is detachably secured to the tube. The plug 7 for closing the lower end of the tube is threaded and screws into the tube which is interiorly threaded, but an elastic plug or stopper 12 may be employed instead of the threaded plug.

The water flows from the tank or receptacle 1 through the discharge openings 11 into the cup or trough until the discharge openings are submerged; and as soon as the water within the trough or cup is consumed by the fowls and falls below the discharge openings 11 the fountain will start again and the water will flow until the discharge openings 11 are again submerged.

The receptacle may be readily filled by detaching the cup and removing the plug and attaching the cup in an inverted position, whereby by inverting the fountain the cup will form a funnel or enlarged mouth to enable water to be readily poured through the tube 6 into the receptacle; but the latter may be provided at its top with a screw cap and a filling orifice if desired.

The upper end of the tube 6 is threaded at 13 and has arranged on it an elastic tapering packing 14 of cork, rubber or other similar material for forming a water-tight joint and for enabling the tube 6 to be readily inserted in an opening or mouth of a receptacle or vessel. The packing is supported at its lower end by a nut 15 arranged on the threaded portion of the tube and provided at its upper face with an annular recess 16 which receives the lower end of the packing.

It will be seen that the drinking fountain is simple and comparatively inexpensive in construction, that it is adapted for affording a continuous supply of water to fowls and that fowls are prevented standing upon the tank or reservoir and getting into the cup or trough and rendering the water impure. It will also be apparent that the tank can be readily refilled when necessary.

Changes in the form, proportion and the minor details of construction may be resorted

to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

- 5 1. A drinking fountain comprising a receptacle provided with a depending tube having a discharge opening at its lower end, a cup detachably secured to the lower end of the tube and adapted to be removed and inverted  
10 and replaced to form a funnel, when the fountain is inverted for filling and a plug for closing the lower end of the tube, substantially as described.
- 15 2. A drinking fountain comprising a receptacle, a tube depending therefrom and having its lower end threaded and provided with a discharge opening, a cup provided at its bottom with a threaded opening receiving the lower end of the tube, said cup being adapted  
20 to be removed and inverted, and replaced to form a funnel when the drinking fountain is inverted for filling and a plug for closing the lower end of the tube, substantially as described.
- 25 3. A drinking fountain comprising a receptacle, a tube depending therefrom and having its lower end exteriorly and interiorly thread-

ed and provided with an annular series of discharge openings, a cup provided at its bottom with a threaded opening and detachably secured to the tube, and a threaded plug screw- 30  
ing into the lower end of the tube, substantially as described.

4. A drinking fountain comprising a tank provided at its bottom with an opening, a depending tube having its upper end threaded 35  
and provided at its lower end with a discharge opening, a tapering conical packing arranged on the upper end of the tube and fitting in the opening of the tank, a nut arranged on the tube and engaging the threads thereof 40  
and provided at its upper face with a recess receiving the lower end of the packing, and a cup arranged at the lower end of the tube and having its upper end arranged above the discharge opening, substantially as described. 45

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ALBERT L. HIGGINS.

Witnesses:

B. E. CLARK,  
A. H. LYNAM.