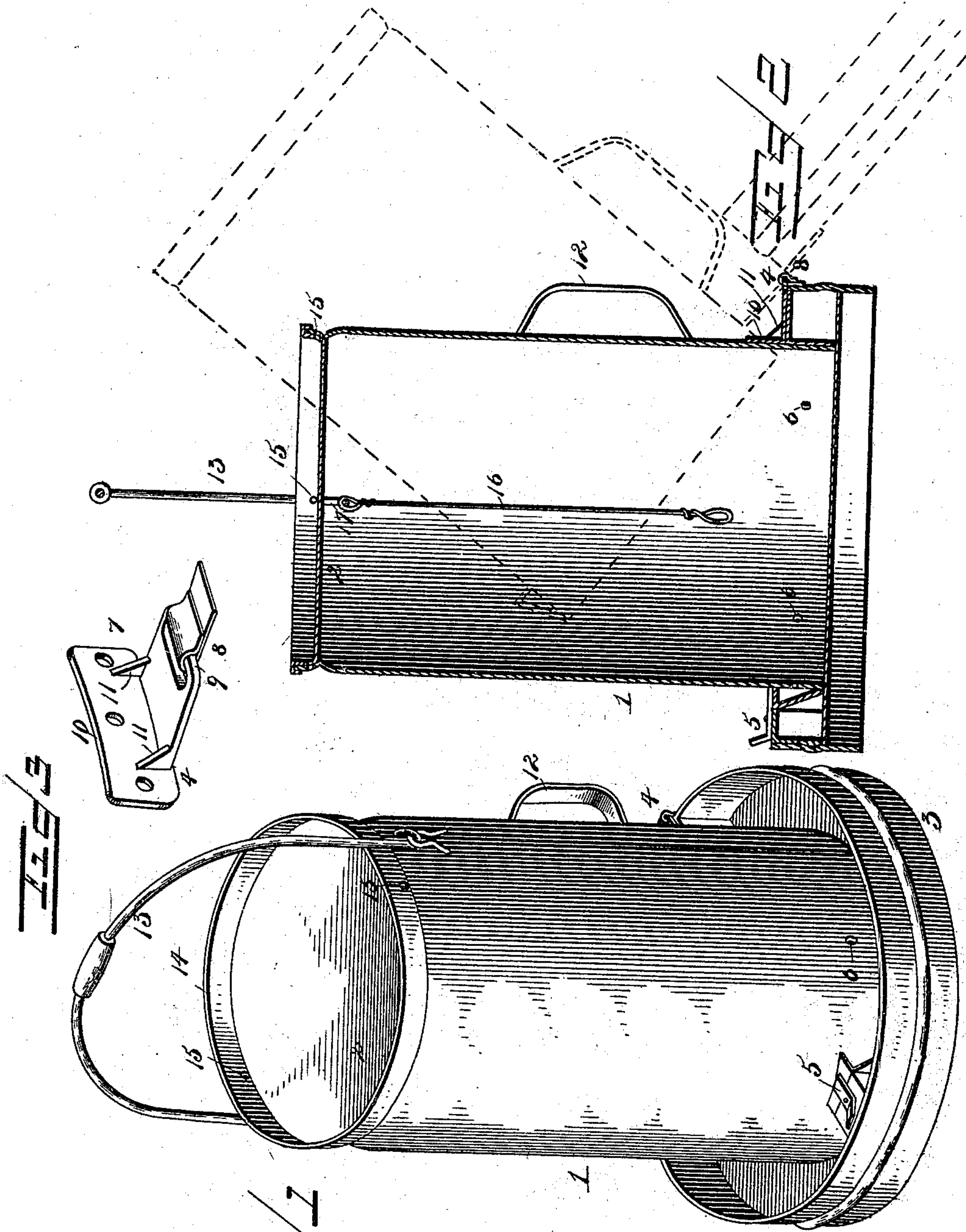


(No Model.)

G. W. DODDER.  
DRINKING FOUNTAIN FOR POULTRY.

No. 513,561.

Patented Jan. 30, 1894.



George W. Dodder, Inventor

Witnesses

W. C. Schneider  
N. H. Riley

By his Attorneys,

C. A. Snow & Co.



# UNITED STATES PATENT OFFICE.

GEORGE W. DODDER, OF LETTS, IOWA, ASSIGNOR OF ONE-HALF TO F. H. SHELLEBARGER AND A. M. GARRETT, OF SAME PLACE.

## DRINKING-FOUNTAIN FOR POULTRY.

SPECIFICATION forming part of Letters Patent No. 513,561, dated January 30, 1894.

Application filed September 1, 1893. Serial No. 484,542. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. DODDER, a citizen of the United States, residing at Letts, in the county of Louisa and State of Iowa, have invented a new and useful Drinking-Fountain for Poultry, of which the following is a specification.

The invention relates to improvements in drinking fountains for poultry.

The object of the present invention is to provide a simple and inexpensive drinking fountain in which the water may be maintained in a cool and healthy condition, and which will automatically supply water to the drinking cup or trough as rapidly as it is consumed, and in which the water may be readily medicated.

A further object of the invention is to enable the fountain to be readily filled with water and to be conveniently cleaned when necessary.

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 drinking fountain constructed in accordance with this invention. Fig. 2 is a central vertical sectional view of the same, the cup being shown swung back in dotted lines. Fig. 3 is a detail perspective view of the hinge.

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

1 designates a cylindrical reservoir having a closed top 2, and provided with an open bottom which is arranged within the circular drinking trough or cup 3, which is connected to the reservoir by a hinge 4 and at the opposite side detachably by a pivoted button 5 mounted on the cup or trough and engaging a shoulder of the reservoir. The reservoir consists of an inverted tank and is adapted to be righted or inverted from its present position for filling, at which time the cup or trough is swung back, as illustrated in dotted lines in Fig. 2. The reservoir is provided near its lower edge with diametrically disposed discharge openings 6, which may be ar-

ranged at any desired points and which are located below the upper edges of the cup or trough. As soon as the water in the cup or trough is consumed and falls below the discharge openings, the water from the reservoir or tank will be caused to run and will continue flowing until the water within the cup or trough rises above and submerges the discharge openings. The hinge 4 consists of a pintle leaf 7, and a leaf or plate 8 which is provided with an eye to receive the pintle 9 of the leaf 7. The leaf or plate 8, which is the eye, is secured to the drinking trough or cup; and the other leaf 7, which is secured to the tank or reservoir, consists of a casting and is composed of a curved securing plate 10 fitting against and conforming to the configuration of the cylindrical reservoir or tank, and a horizontal flange having a longitudinal opening, at the outer side of which is arranged the pintle 9. The outwardly extending horizontal flange is connected with the attachment plate by integral, triangular enlargements 11. The reservoir has a handle 12 and a swinging bail 13 and is provided at its top with a circumferential flange 14 projecting upward from the outer edge of the reservoir and forming an air space. A board or other suitable cover, not shown, is designed to be placed upon the flange 14 to complete the said air-space, whereby the water is maintained in a much cooler state than were such a space not provided. The flange 14 is provided at intervals with perforations 15 to cause any water, which might collect in the air-space by rain or otherwise, to drain off to prevent the top of the reservoir from rusting out.

Within the reservoir is arranged a depending suspension rod or wire 16 provided at its upper and lower ends with loops; the upper loop engages a loop 17 depending from the top of the reservoir; and the lower loop serves as a convenient means for suspending a cloth or bag (not shown) containing a suitable substance for medicating the water.

The drinking cup or trough is a shallow, cylindrical vessel, and forms a narrow annular space around the bottom of the reservoir or tank; it affords convenient access to the wa-



ter, and, at the same time, it prevents young chickens from getting into the cup or trough and wetting themselves.

It will be readily seen that the fountain is simple and comparatively inexpensive in construction and is capable of affording a continuous supply of water to the cup or trough until the tank or reservoir is emptied, and that it may be readily refilled.

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.

Having described my invention, what I claim is—

1. A drinking fountain comprising a reservoir having an open bottom and a closed top, and provided around the latter with an upward extending supporting flange forming an air space and provided with a drain opening, said reservoir being provided at its bottom with a discharge opening, and a supporting cup forming a drinking trough and receiving the bottom of the receptacle and hingedly connected with the same at one side and detachably connected therewith at the opposite side, substantially as described.

2. A drinking fountain comprising a reservoir having a closed top and open bottom, and provided with a discharge opening adjacent to its bottom, a drinking cup receiving the lower end of the reservoir and extending above the discharge opening thereof and de-

tachably secured at one side to the reservoir, and a hinge arranged at the opposite side of the reservoir and connecting the cup therewith and composed of a leaf having an attachment-plate secured to the reservoir and provided with a horizontal flange having an opening, and a pintle at the outer side thereof, and a leaf or plate secured to the cup and provided with an eye receiving the pintle, substantially as described.

3. A drinking fountain comprising a reservoir having a closed top and open bottom, and provided adjacent to the latter with a discharge opening and having at the former an upward extending flange forming an air-space and provided with drain-openings, a drinking cup receiving the lower end of the reservoir and forming a surrounding space, a hinge connecting one side of the cup with the reservoir, means for detachably connecting the opposite side of the cup with the reservoir, a loop arranged within the reservoir and depending from the top thereof, and a suspension rod provided at its ends with loops one of which engages the depending loop, substantially as described.

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

GEORGE W. DODDER.

Witnesses:

J. LIEBERKNECHT,  
JOHN GEIGER.