

E. A. COLLIS.  
 POULTRY WATER FOUNTAIN.  
 APPLICATION FILED MAY 28, 1914.

1,195,443.

Patented Aug. 22, 1916.

Fig. 1.

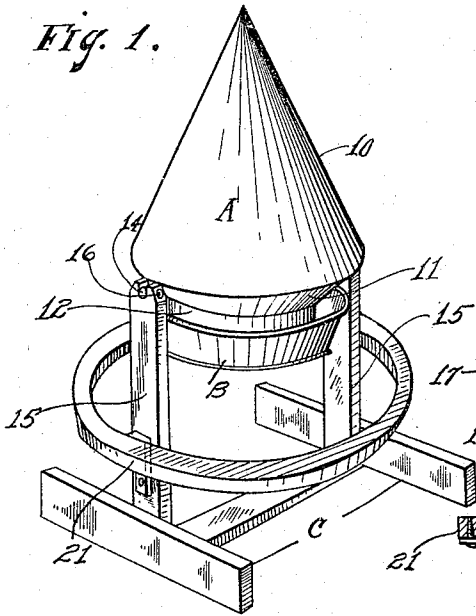


Fig. 2.

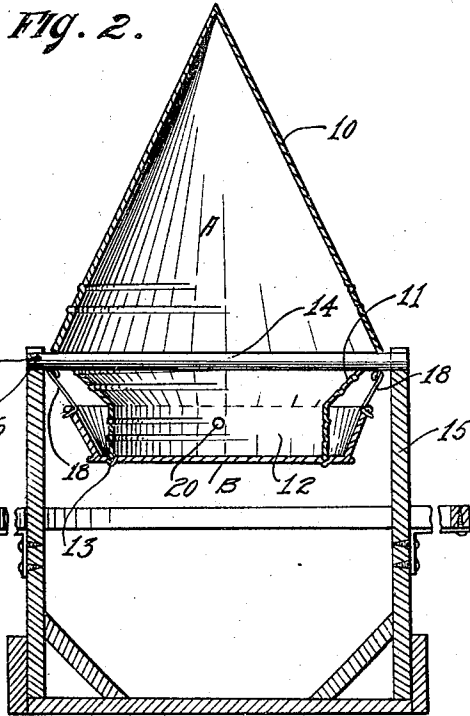
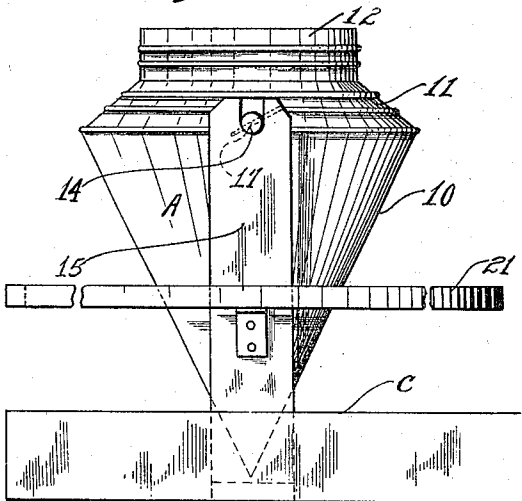


Fig. 3.



Witnesses  
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# UNITED STATES PATENT OFFICE.

EDWIN A. COLLIS, OF VIOLA, DELAWARE.

## POULTRY WATER-FOUNTAIN.

1,195,443.

Specification of Letters Patent. Patented Aug. 22, 1916.

Application filed May 28, 1914. Serial No. 841,547.

*To all whom it may concern:*

Be it known that I, EDWIN A. COLLIS, a citizen of the United States, residing at Viola, in the county of Kent, State of Delaware, have invented certain new and useful Improvements in Poultry Water-Fountains; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in stock waterers and more particularly to drinking fountains for poultry, in which the water is automatically fed from the reservoir as the contents of the drinking pan is consumed, thus maintaining a proper level in the pan and preventing same from being overflowed.

Up to the present time great difficulty has been experienced by poultrymen in general, in keeping the drinking water for the fowls free from contamination. This is particularly true during the winter months when the fowls are confined to the laying or breeding houses and are compelled to scratch for grain that is scattered in litter on the floor of the house, particles of this litter and other foreign substances being thus thrown into the drinking vessels and the water therein rendered unfit for use in a very short time.

It is therefore my purpose in carrying out the invention to provide a stock waterer of the above character, that is supported in a suitable frame above the floor of the house and in which the reservoir is so constructed as to direct such particles of dust and dirt, that may fall thereon, away from the drinking pan and to also prevent the fowls from perching thereon or upon the edge of the pan and polluting the water.

A further object of the invention resides in the provision of a drinking fountain, that is simple in construction, inexpensive to manufacture and in which the various parts may be readily taken apart and cleaned and the reservoir refilled for use.

With the above and other objects of similar nature in view, the invention consists in the construction, combination and arrangement of parts set forth in and falling within the scope of the appended claim.

In the drawings: Figure 1 is a perspective view of a drinking fountain, constructed in accordance with the invention,

Fig. 2 is a vertical sectional view thereof, Fig. 3 is a side elevation of the device with the drinking pan removed and the reservoir in position to be filled.

Referring now more particularly to the drawings, the fountain comprises, essentially, the container or reservoir A and the drinking pan B, the former being mounted in a suitable frame or stand C whereby the device is suspended above the floor.

In detail the reservoir A comprises a conical body 10 and a frusto-conical base 11, the latter being provided with a depending annular flange or collar 12 which extends into the pan B and has its marginal edge fitted snugly within the groove 13 formed therein, thus centering the pan over the opening in the reservoir and providing an annular trough from which the poultry may conveniently drink. Extending through the reservoir and projecting therebeyond at diametrically opposite points in the base 11 is a rod 14, the ends of which are journaled in the uprights 15 of the stand, the reservoir being normally in inverted position, that is open end downward, and held in this position by means of the pin 16, which is inserted in one of the uprights and passes through an opening 17 in one end of the rod.

The ends of the rod 14 are further provided with hooks 18 which engage in openings in the rim of the pan, by which arrangement the pan is firmly connected to the reservoir and may be quickly removed therefrom when it is desired to fill the latter with water, said reservoir, owing to its pivotal support in the uprights 15, being swung open end up, so that it may be conveniently filled.

In order that the water within the reservoir may be supplied to the drinking pan, the collar 12 is provided with an aperture 20 through which the water is adapted to flow into the pan, it being of course understood that this aperture is disposed below the top edge of the pan and will be sealed by the water before the latter has been overflowed.

It will be noted that the body 10 being conical in shape and the drinking pan B of a diameter less than the greatest diameter of the reservoir, such particles of litter or other foreign substances that may fall upon the latter will be directed downward and away from the pan. It will further be noted

that this construction will also prevent the fowls from perching upon the reservoir or on the rim of the pan and polluting the water.

5 To permit the free access of the fowls to the water, there is provided a perch 21 which is supported by and encircles the up- rights 15 of the stand and is disposed below the bottom of the pan.

10 From the foregoing it will be observed that there is provided a drinking fountain of the character described which is simple in construction, inexpensive to manufac- 15 ture and one that is fully capable of ac- complishing its various functions in a wholly efficient manner.

What is claimed is:

20 A drinking fountain comprising spaced uprights, a transverse bar pivotally mount- ed at the upper ends of the uprights, a wa- ter container carried by the bar between the uprights for swinging movement with the bar, said container having an open and a

closed end, a pan disposed over the open 25 end of the container with its flange sur- rounding a portion of the container and lying in spaced relation thereto, said con- tainer having openings therein within the inclosure of the flange of the pan, attach- 30 ing members carried by the bar and re- movably engaged with the pan and ar- ranged to hold the pan in position upon the container, and a perch secured to the up- 35 rights in position to surround the space below the container when the latter is dis- posed with the pan directed downwardly, said perch lying out of the path of move- ment as to all portions of the container dur- 40 ing the swinging movement of the latter with the bar.

In testimony whereof, I affix my signa- ture, in the presence of two witnesses.

EDWIN A. COLLIS.

Witnesses:

HARRY GLANVILLE,  
MARGARET GLANVILLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."