No. 682,779. Patented Sept. 17, 1901.

F. BADE.

WATER SUPPLYING DEVICE FOR POULTRY.

(Application filed Dec. 19, 1900.)

(No Model.)

FIG. 1

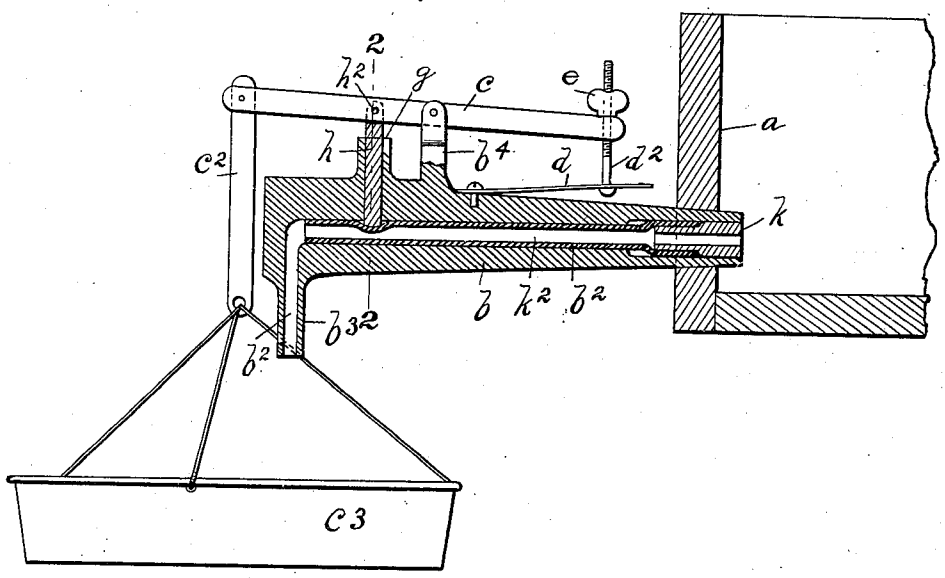
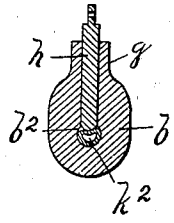


FIG. 2



WITNESSES

C. Elwood Bell

F. A. Stewart

INVENTOR

Ferdinand Bade

BY

Edgar Tate

ATTORNEYS

UNITED STATES PATENT OFFICE.

FERDINAND BADE, OF NORWOOD, NEW JERSEY.

WATER-SUPPLYING DEVICE FOR POULTRY.

SPECIFICATION forming part of Letters Patent No. 682,779, dated September 17, 1901.

Application filed December 19, 1900. Serial No. 40,339. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND BADE, a subject of the Emperor of Germany, residing at Norwood, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Water-Supplying Devices for Poultry, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to water-supply devices for use in connection with poultry yards or houses; and the object thereof is to provide an improved device of this class by means of which a predetermined amount of water may be automatically supplied at all times for use by poultry, a further object being to provide a water-supply device for poultry having a pan or other receptacle into which water is automatically fed under predetermined conditions and in which a certain amount of water is always kept; and with these and other objects in view the invention consists in an apparatus for the purpose specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by the same reference characters in each of the views, and in which—

Figure 1 is a sectional side elevation of the device or apparatus which I employ, and Fig. 2 a section on the line 2 2 of Fig. 1.

In the drawings forming part of this specification I have shown at a a water-tank and which may be of any desired form or construction, which may consist of an ordinary barrel, if desired, and in the practice of my invention I provide a faucet b, which is provided with a longitudinal bore b^2 and at its outer end with a depending member b^3, through which the bore b^2 is also extended. I also form on the upper side of the faucet midway thereof or nearer the outer than the inner end a support b^4, or said support may be formed separately and secured to the faucet, and in the top of this support I pivot a lever c, which extends longitudinally of the faucet and which is provided at its outer end with a pivoted link or member c^2, from the lower end of which is suspended a pan or other receptacle c^3.

Secured to the top of the faucet near the support b^4 and projecting in the direction of the tank a is a spring d, with which is connected a screw d^2, which passes up through the end of the lever c and is provided with a thumb-nut e. I also preferably form on the top of the faucet between the outer end thereof and the support b^4 a sleeve g, through which passes a plunger h, and said plunger is pivotally connected at h^2 with the lever c, and the plunger h is designed to close and open the bore or passage b^2 in the faucet b, as hereinafter described. I also preferably place in the inner end of the faucet b a plug k, with which is connected a rubber tube k^2, and said tube extends the full length of the bore b^2 of the faucet, and substantially fills the same, and in practice the water from the tank a passes through the plug k and the rubber tube k^2 and the plunger h bearing on said tube.

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following statement thereof.

The parts are so adjusted that a slight amount of water will always be in the pan or receptacle c^3 without operating the lever c, and the nut e may be adjusted to accomplish this result. It will be understood that the water normally passes from the tank a, through the faucet b, into the pan or receptacle c^3, and when a certain amount of water is discharged into said pan or receptacle the outer end of the lever c will be depressed and the plunger will close the tube k^2 and cut off the flow of water, and as soon as the water has been removed from the pan or receptacle to within a predetermined limit the said pan or receptacle will be again raised by the spring a and the water will flow through the tube k^2. The operation of the apparatus is thus automatic, and it will be apparent that the tube k^2 is not an absolutely essential feature, as the plunger h would operate to accomplish the same result if this tube were not employed. I prefer, however, to use the flexible tube k^2, as it facilitates the regulation of the operation of the apparatus, and it will be apparent that the plug k may be removed and a new

tube connected therewith whenever desired. It will also be apparent that this device or apparatus may be used in a poultry-house or in a poultry-yard or wherever desired for the purpose specified, and changes in and modifications of the construction described other than those herein specified may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. In an apparatus of the class described, a faucet provided with a longitudinal bore, a flexible tube arranged therein, a support on the upper side of said faucet, a lever pivotally connected therewith longitudinally of said faucet, a plunger connected with said lever and adapted to close the bore or passage in the faucet, the inner end of said lever being connected with a spring connected to said faucet, and the outer end thereof being adapted to suspend a pan or other receptacle, substantially as shown and described.

2. In an apparatus of the class described, a faucet, a lever pivotally supported thereover, and arranged longitudinally thereof, and a plunger connected with said lever and adapted to close the bore or passage through the faucet, the inner end of said lever being connected with a spring secured to the faucet, and vertically adjustable with reference to said spring, and the outer end thereof being adapted to suspend a pan or other receptacle, substantially as shown and described.

3. In a device of the class described, a faucet provided with a longitudinal bore or passage, a lever pivotally supported above said faucet and extending parallel therewith, a plunger connected with said lever and passing into said faucet and adapted to close said bore or passage, means for suspending a pan or other receptacle from the outer end of said lever, and a spring adjustably connected with the inner end of said lever, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 17th day of September, 1900.

FERDINAND BADE.

Witnesses:
F. A. STEWART,
F. TELLER.