(No Model.) 2 Sheets—Sheet 1.

G. PEISIER.

APPARATUS FOR FEEDING POULTRY.

No. 484,453. Patented Oct. 18, 1892.

Fig. 1.

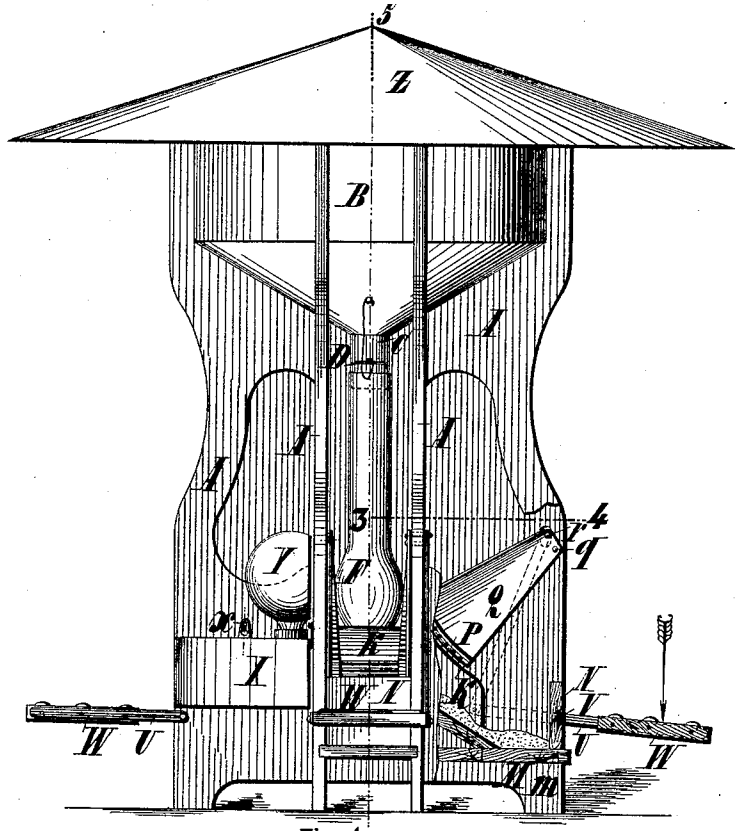
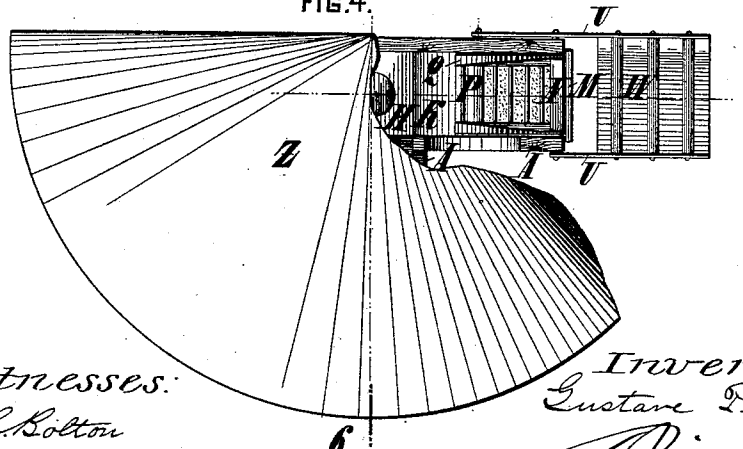


Fig. 4.



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(No Model.) 2 Sheets—Sheet 2.

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Fig. 2.

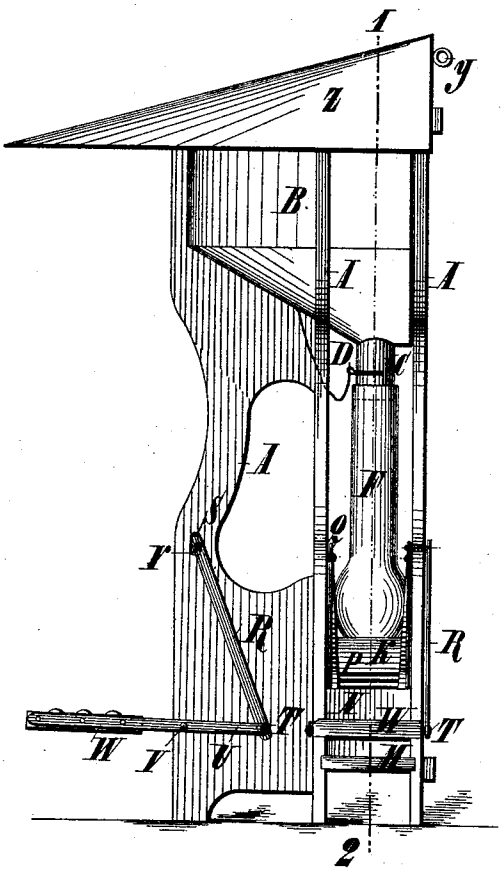
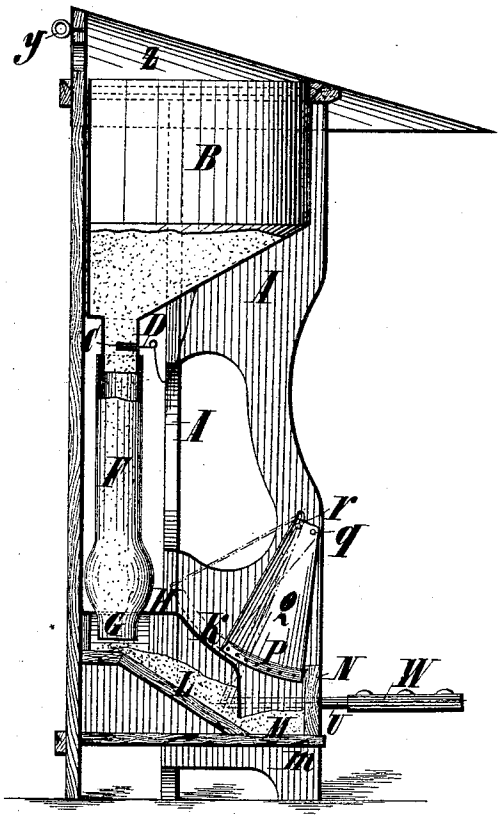


Fig. 3.



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UNITED STATES PATENT OFFICE.

GUSTAVE PEISIER, OF PARIS, FRANCE.

APPARATUS FOR FEEDING POULTRY.

SPECIFICATION forming part of Letters Patent No. 484,453, dated October 18, 1892.

Application filed March 2, 1892. Serial No. 423,556. (No model.) Patented in France July 11, 1891, No. 214,857.

To all whom it may concern:

Be it known that I, GUSTAVE PEISIER, a citizen of the French Republic, residing at Paris, France, have invented certain Improvements in Apparatus for Feeding Poultry, (for which I have received Letters Patent in France, dated July 11, 1891, No. 214,857,) of which the following is a specification.

The present invention relates to an automatic poultry-feeding apparatus, and has for its object to enable fowl to eat grain without spreading or contaminating it and to prevent its consumption by sparrows, mice, &c.

In carrying out the above objects I provide an apparatus wherein the grain-receptacle is guarded by a moving portion operated by the weight of the domestic fowl to be fed, the desired quantity of grain in the grain-receptacle being automatically maintained, and the receptacle automatically covered when the fowl is through eating.

In the accompanying drawings, forming part of this specification, Figure 1 is a front elevation, partly in section, of an apparatus embodying my improvements. Fig. 2 is an end view of the same. Fig. 3 is a longitudinal vertical sectional view of the said apparatus taken on the line 1 2, Fig. 2; and Fig. 4 is a top plan view, partly sectioned, on the line 3 4, Fig. 1.

The apparatus includes one or more pairs of vertical uprights A, those of each pair being arranged parallel. In the drawings a structure having three pairs is illustrated, presenting an apparatus that may bear against a wall. As the devices located between the several uprights are similar, it will be sufficient to explain one in order to comprehend all.

The front and bottom of the feeding-receptacle consist of a front vertical wooden plate N and horizontal wooden plate M, the latter sliding in horizontal grooves in the uprights A, the under face of the plate M being notched adjacent to its front edge to furnish a medium by which it may be moved into and out of position like a drawer. In the rear of the receptacle is an inclined board L, above which is located a metal partition K, bent to form a rear chamber, which communicates with the grain-receptacle at its front beneath the front edge of the said partition. Through the top H of the partition K extends the lower contracted discharge-spout G of a vertical cylinder F, into the upper end of which depends the feed-mouth C of the hopper B. It will be understood that the spout G of cylinder F is so located that it supplies grain to the chambers of the several feed-receptacles. A horizontal valve-plate D plays in the feed-mouth C to permit the graduation of the grain-delivery from the hopper. The moving portion that covers and uncovers each feed-receptacle comprises a series of parallel transverse bars P, rigidly secured in the lower portions of a pair of depending plates Q, pivotally suspended by pivots q on the inner sides of the uprights A, one of said plates Q having a pin r eccentrically connected therewith and extending through a slot therefor in the adjacent upright A. Parallel side rods U V are mounted on pivots projecting from the outer sides of the uprights, the rod V extending rearwardly, where it is connected by a pitman R with the pin r. A platform W is secured to and between the forward portions of the rods U V.

The operation will be readily apparent. When a chicken or other bird approximating in weight that of a domestic fowl steps onto the platform W, the latter will be depressed, as indicated by the arrow, Fig. 1, and the connections serve to throw the guard formed by rods P and plates Q rearwardly, thereby uncovering the feed-receptacle. Any attempt to enter the feed-receptacle or otherwise leave the platform will result in the feed-receptacle being again covered.

In one of the compartments of the apparatus oppositely-located pins x are provided, the heads of which are adapted to pass through the larger lower parts of vertical slots formed in ears upwardly projecting from the sides of a receptacle X, in which an even supply of water is maintained for a long time by means of an inverted fountain Y.

A removable hood Z forms a cover for the entire apparatus and is of such lateral dimensions as to thoroughly protect it from water. A hood y projects rearwardly from the cover.

I claim—

In combination, the receptacle, the hopper with the passage leading to the receptacle at the rear thereof, a cover for the rear part of the said receptacle, consisting of the partition

K, extending forward about midway of the receptacle and forming a rear chamber, and movable covering means for the front of the said receptacle, consisting of the open grating formed by parallel bars arranged to form approximately a continuation of the partition K when in forward position, the side plates Q at the ends of the cross-bars, the said plates being pivotally supported, the movable platform, and the connections therefrom to the plates Q, the said grating being arranged to move back over the rear partition K, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

GUSTAVE PEISIER.

Witnesses:
ROBT. M. HOOPER,
JOSEPH TOURNIER.