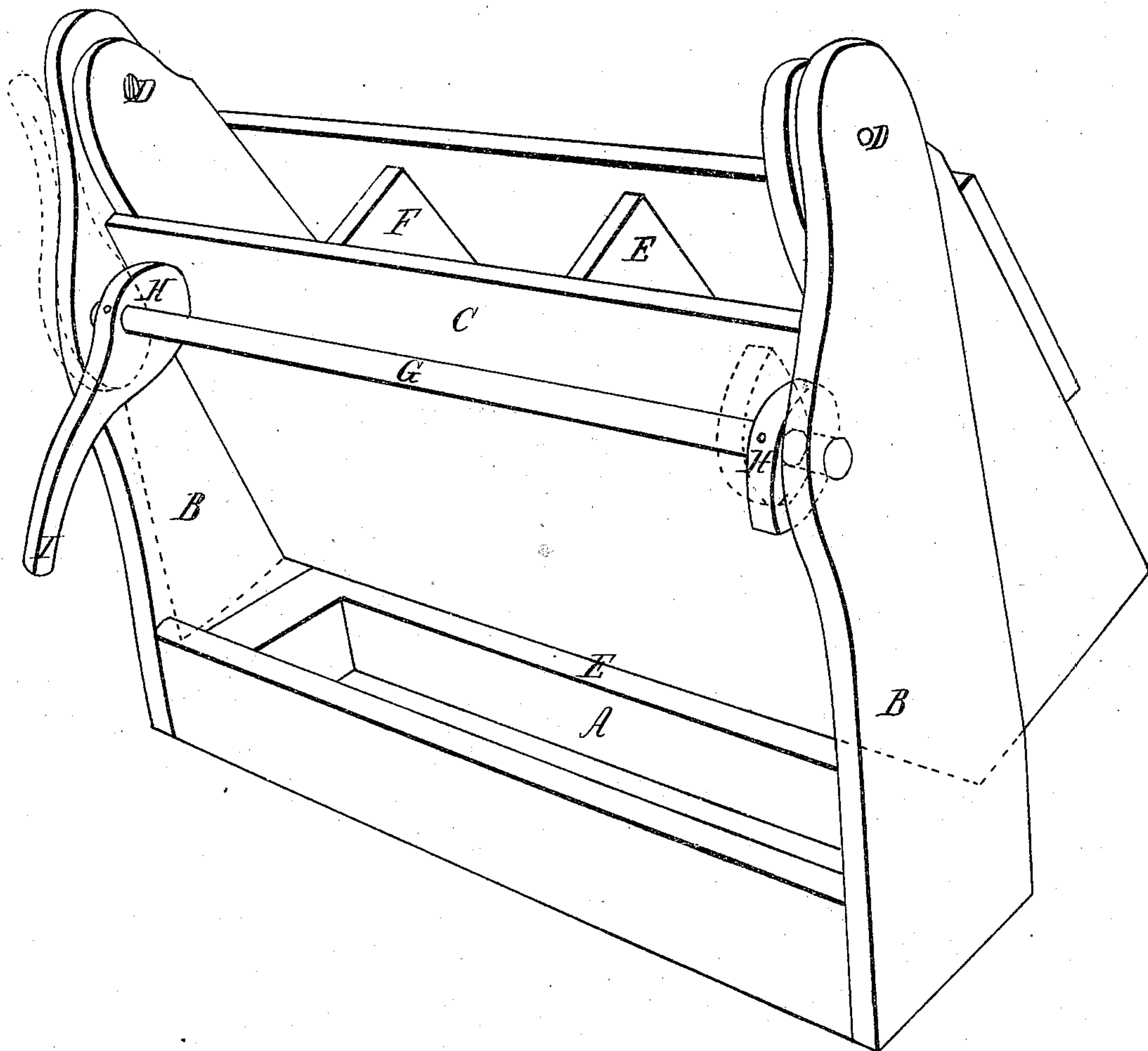


*N. Stockwell.*

*Feeding Trough.*

*N<sup>o</sup> 98,718.*

*Patented Jan. 11, 1870.*



*Inventor;*

*Nathan Stockwell*

*by J. C. Davis*  
*his Attorney*

*Witnesses;*

*A. H. Phillips*

*J. Van Akenburg*

# United States Patent Office.

NATHAN STOCKWELL, OF OUAQUAGA, NEW YORK.

*Letters Patent No. 98,718, dated January 11, 1870; antedated December 30, 1869.*

## IMPROVEMENT IN APPARATUS FOR FEEDING SWINE.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, NATHAN STOCKWELL, of Ouaquaga, in the county of Broome, and State of New York, have invented a new and useful Improvement in Apparatus for Feeding Swine; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters marked thereon, making a part of this specification, in which—

Figure 1 is a perspective view, representing my improvement, and the manner of operating it.

The other views are the same as shown by the drawings of my late application for a similar device, which was examined and allowed May 17, 1869.

The nature of my invention consists in providing a longitudinal shaft with one or more eccentrically-curved projections, so that when the shaft is turned down, their faces will bear against the gate, and not only open, but hold it in position, thereby obviating the use of the wedge.

In the construction of my apparatus for feeding swine, I make a trough, A, with an upright attachment, B B, at each end, between which and near the upper ends I suspend a gate, C, on pins D D; the free or lower edge of this gate swings clear of and flush with the inner edge E of the trough, thereby closing it, for the purpose of supplying the feed, and to prevent the ingress of the hog.

On the inside of the gate, I attach projecting partitions F F, whereby compartments are formed of sufficient dimensions only for one to occupy, while feeding.

For the purpose of operating the gate from the outside, I attach a longitudinal shaft, G, with bearings in the upright pieces B B, and provided with eccentrics H H, from one of which projects a handle, I, for operating the gate, which is controlled in its vibratory movements, and held in any desired position by said eccentrics, thereby obviating the use of the wedge employed for that purpose in my former device, the gate of which is operated by simple projections or arms on the shaft, that are pressed back by the gravitation of the gate on the removal of the wedge.

This improvement facilitates the operation of feeding, and simplifies the construction of the apparatus.

What I claim, and desire to secure by Letters Patent, is—

Providing the longitudinal shaft G with one or more eccentrics, H H, for opening and holding in position the gate C, as herein described, for the purpose set forth.

NATHAN STOCKWELL.

Witnesses:

P. A. RUSSELL,  
ADDISON G. MCKEE.