

(No Model.)

J. C. GRIFFIS.
STOCK FEEDER.

No. 599,935.

Patented Mar. 1, 1898.

FIG. 1.

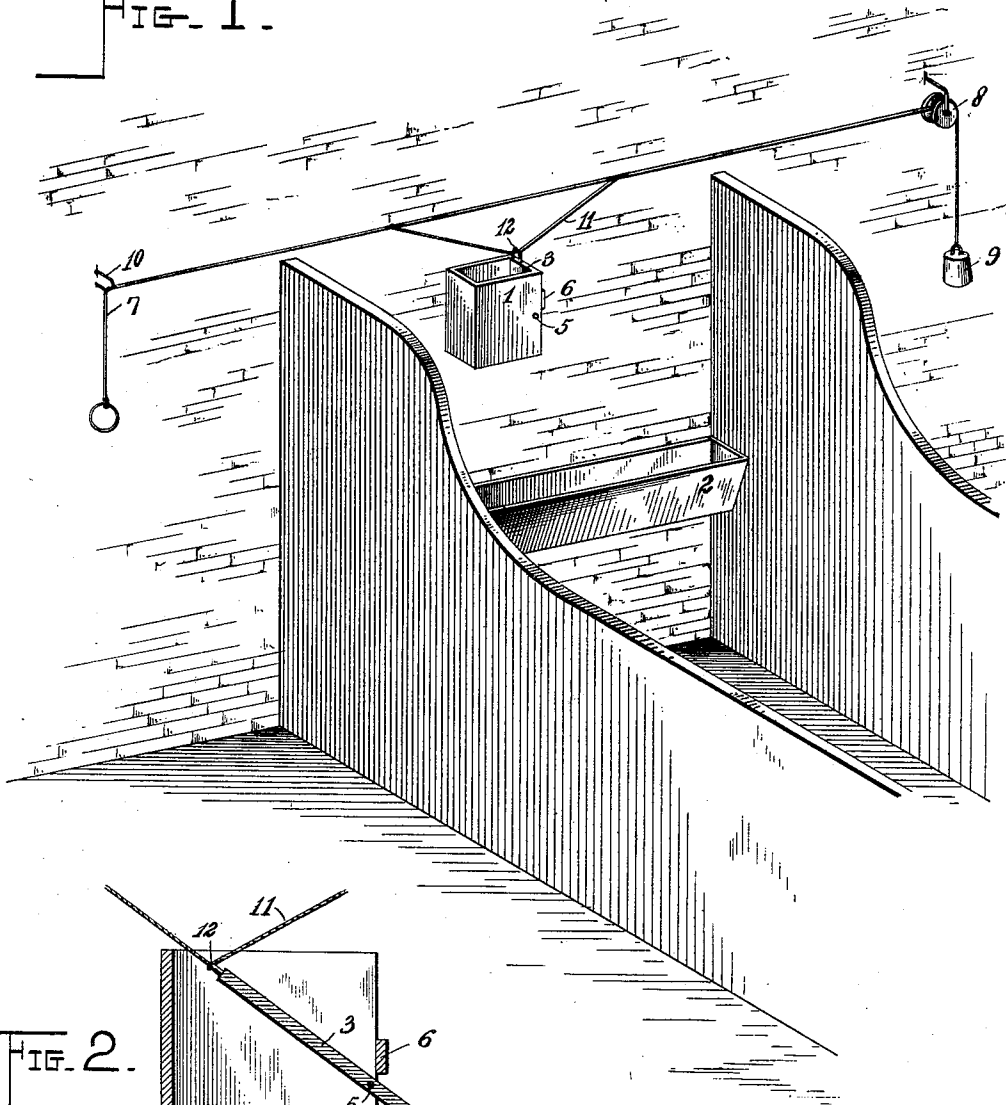


FIG. 2.

Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

JACK CARLOSS GRIFFIS, OF GIPSY, ALABAMA.

STOCK-FEEDER.

SPECIFICATION forming part of Letters Patent No. 599,935, dated March 1, 1898.

Application filed June 8, 1897. Serial No. 639,880. (No model.)

To all whom it may concern:

Be it known that I, JACK CARLOSS GRIFFIS, a citizen of the United States, residing at Gipsy, in the county of Limestone and State of Alabama, have invented a new and useful Stock-Feeder, of which the following is a specification.

This invention relates to improvements in stock-feeders.

The object of the present invention is to improve the construction of stock-feeders and to provide a simple, inexpensive, and efficient one adapted to be readily operated from a distance without necessitating the operator going into a stall to feed a horse or other animal.

The invention consists in the construction and novel combination and arrangement of parts, as hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a stock-feeder constructed in accordance with this invention and shown applied in position over a feed-trough or manger. Fig. 2 is a vertical sectional view of the same, the movable bottom and side of the feed-box being tilted for discharging the feed.

Like numerals of reference designate corresponding parts in both figures of the drawings.

1 designates a feed-box designed to be arranged in a barn or stable over a feed-trough or manger 2, and comprising a stationary body portion and a pivoted section. The stationary body portion is composed of a front and back and a rigid side connecting the front and back, and the pivoted section consists of a movable side 3 and an oscillating bottom 4, rigidly secured to the side 3. The bottom 4 is connected to the side 3 at the lower edge thereof, and the latter is connected near its center to the stationary body portion of the feed-box by a horizontal pivot 5. The outward swing of the upper portion of the side 3 is limited by a horizontal connecting-bar 6 and by the rigid side of the box, which forms an abutment for the bottom 4. The cross-bar 6 is arranged at one side of the feed-box and is secured to the adjacent edges of the front and back thereof.

The feed-box is operated by a rope or cord 7, which passes over a pulley 8 and which is provided at one end with a weight 9. It also

passes through a guide 10, and it is connected with the upper edge of the movable side of the feed-box by a rope or cord 11. The upper edge of the movable side of the feed-box is provided with an eye or staple 12, to which the cord 11 is attached, and the weight 9 operates to hold the movable bottom and side in their closed position.

Any number of feed-boxes may be provided and any number of guides may be employed, so that the operating-rope may be controlled from any desired point in a stable or barn.

The invention has the following advantages: It is adapted to be readily mounted in a stable or barn, and it may be applied over any number of feed-troughs or mangers, and it will enable a number of animals to be fed simultaneously without requiring an operator going into the stalls with them. The tilting bottom and side of the feed-box insures a complete discharge of the contents of the same, and feed, such as wet mixed feed, cannot become clogged and remain in the feed-box.

What I claim is—

In a device of the class described, the combination of a feed-box designed to be arranged over a feed-trough or manger and comprising a stationary body portion composed of a front and back and a rigid side fixed to the front and back, and a pivoted section consisting of a movable side pivoted between its ends to the said front and back and an oscillating bottom rigid with and carried by the movable side, said feed-box being completely closed at its sides and bottom when the latter is in a horizontal position, and a single operating rope or cord extending over the feed-box, connected between its ends with the pivoted section and provided at one end with a weight and at the other end with a pull or handle, said weight being arranged to hold the pivoted section normally closed, whereby when the operating cord or rope is pulled in one direction, the feed-box will be opened and when released the feed-box will be automatically closed, 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.

JACK CARLOSS GRIFFIS.

Witnesses:

R. N. CARTWRIGHT,
W. R. WALKER.