

No. 785,341.

PATENTED MAR. 21, 1905.

M. WALKER & D. H. MEYER.  
SANITARY STALL FOR CATTLE.

APPLICATION FILED AUG. 23, 1904.

Fig. 1.

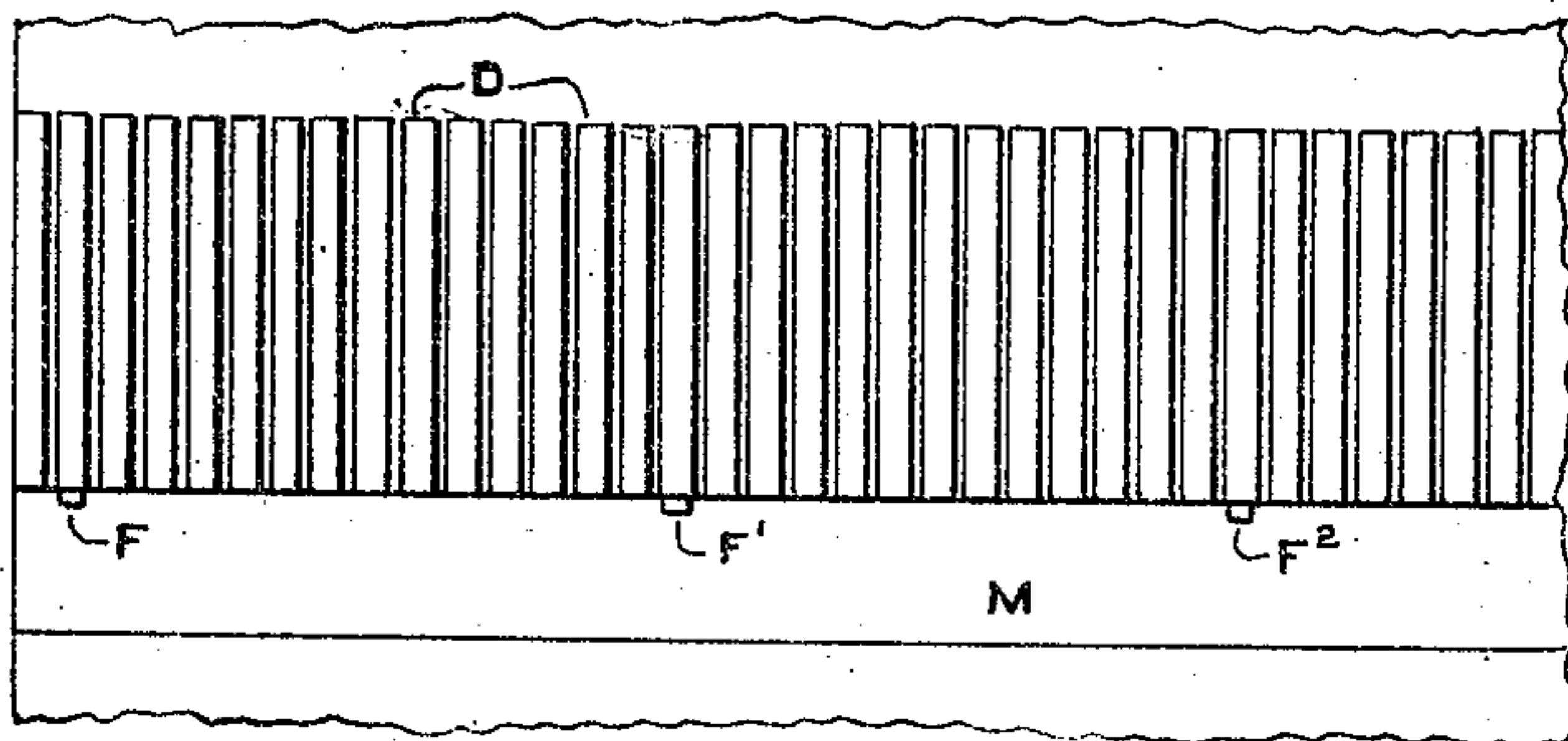


Fig. 2.

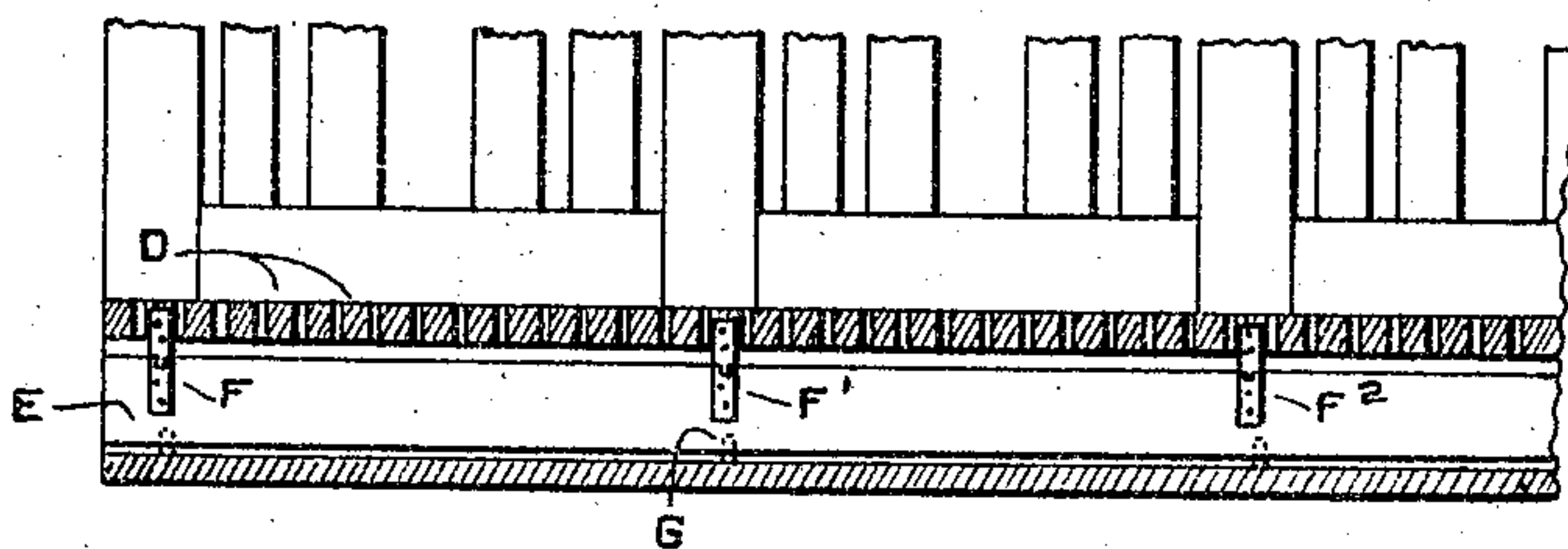
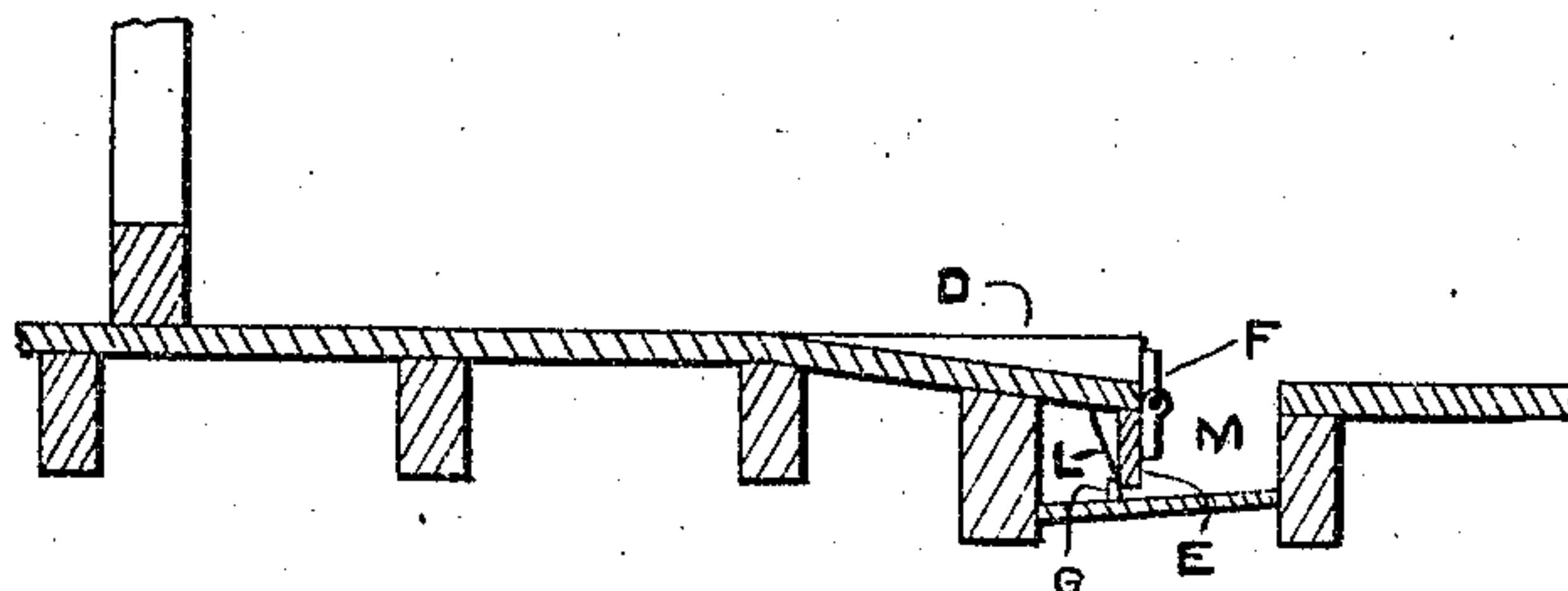


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

MATHIAS WALKER AND DANIEL H. MEYER, OF DUNDEE LAKE,  
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## SANITARY STALL FOR CATTLE.

SPECIFICATION forming part of Letters Patent No. 785,341, dated March 21, 1905.

Application filed August 23, 1904. Serial No. 221,811.

*To all whom it may concern:*

Be it known that we, MATHIAS WALKER and DANIEL H. MEYER, citizens of the United States, residing at Dundee Lake, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Sanitary Stalls for Cattle, of which the following is a specification.

Our invention relates to improvements in sanitary stalls for cattle; and the object of our invention is to provide a stall which will remain clean and dry at all times. We accomplish this result by the device illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the device. Fig. 2 is a rear elevation, and Fig. 3 is a sectional view, of the same.

Similar letters refer to similar parts throughout the several views.

In a stall of the usual construction we provide a flooring having its rear section provided with a series of grooves inclined to the edge of the flooring, the grooves becoming deeper as they approach the edge of the flooring. These grooves may be produced by providing an inclined section of the flooring and placing thereon a series of rests D, cut to fit the inclined surface of the flooring, so that the upper surface will present a level footing for the cattle. The spaces between the grooves should be sufficiently wide to form comfortable footing for the cattle.

At the edge of the flooring where the groove terminates we provide a drain or gutter M, over the edge of which the flooring projects. The floor of this drain or gutter M is inclined laterally, the portion L beneath the edge of the flooring being lower than the exposed portion. We also provide a horizontally-swinging door E, extending longitudinally along this drain or gutter M and preferably hinged at F F' F<sup>2</sup> to the projecting edge of the flooring of the stall, so that it may swing outwardly only. This door should not be so wide as to entirely close the lower side of the drain, an open space being allowed between the floor of the drain M and the lower edge of the door E when the door E is closed or in its normal

position. A stop G is provided on the floor of the drain M to prevent the door E from swinging inwardly.

As the door E can swing outwardly only, the feet of the cattle cannot become caught under the door E.

By our improved device the stall and cattle will always remain clean and dry, as the fluid portion of the excrement from the cattle while standing in the stalls will pass down the inclined grooves in the flooring into the gutter or drain M and under the door E into the lower side of the drain or gutter M, from which it may be allowed to pass off as desired. The door E, being hinged as above described, may be opened outwardly when it is desired to clean the drain or gutter M.

Having thus described our invention, what we claim is—

1. In a device of the character described the combination of a stall having a flooring provided with grooves inclined toward its outer edge, a drain partly beneath the same and a door in the drain substantially as shown and described.

2. In a device of the character described the combination of a stall having a flooring provided with an inclined section, a drain at the edge of the flooring partly beneath the same and provided with a horizontally-swinging door, and means for preventing the door from swinging inwardly substantially as shown and described.

3. In a device of the character described the combination of a stall having a flooring provided with grooves inclined toward its outer edge, a drain at the edge of the flooring partly beneath the same and provided with a horizontally-swinging door substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

MATHIAS WALKER.  
DANIEL H. MEYER.

Witnesses:

A. S. TWIST,  
GEORGE ODELL.