

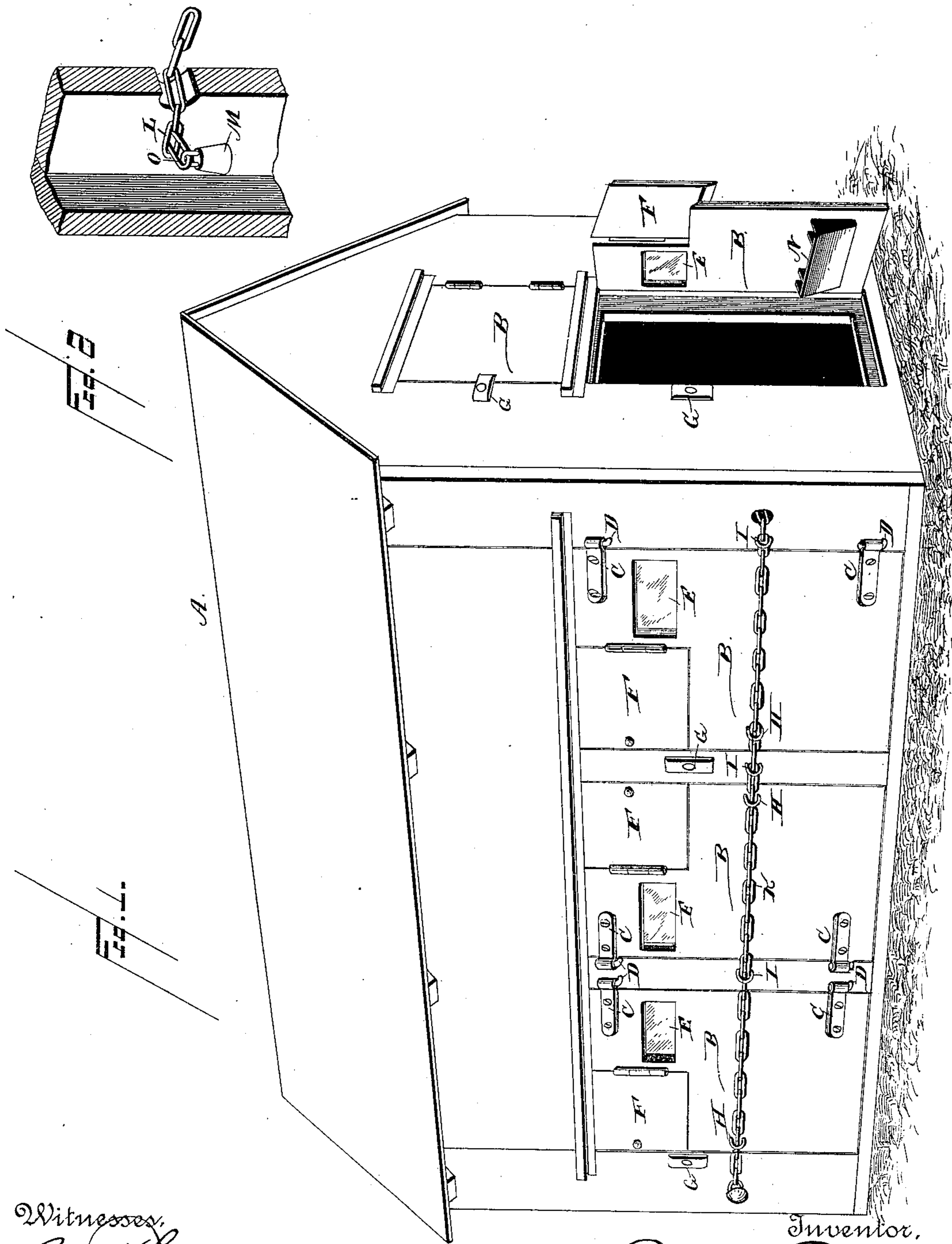
(No Model.)

B. BORTON.

ANIMAL RELEASING DEVICE.

No. 379,852.

Patented Mar. 20, 1888.



Witnesses,
Geo. Thayer
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UNITED STATES PATENT OFFICE.

BAKER BORTON, OF CLYDE, KANSAS.

ANIMAL-RELEASING DEVICE.

SPECIFICATION forming part of Letters Patent No. 379,852, dated March 20, 1888.

Application filed October 21, 1887. Serial No. 252,997. (No model.)

To all whom it may concern:

Be it known that I, BAKER BORTON, a citizen of the United States, residing at Clyde, in the county of Cloud and State of Kansas, have invented new and useful Improvements in Stables or Barns, of which the following is a specification.

My invention relates to improvements in stables and barns; and it consists in certain novel features, hereinafter first fully described, and then specifically pointed out in the claim.

In the accompanying drawings, in which is illustrated a stable embodying my improvements, and wherein like letters of reference denote corresponding parts in both the views, Figure 1 is a perspective view of the stable. Fig. 2 is a detail perspective view.

Referring by letter to the drawings, A designates the stable or barn, having the doors B B, which are provided with hinges C C, to engage staples or hooks D D on the side of the door-frame. It will be seen that the doors may be lifted from their hinges when they are open.

E designates a small opening which is formed in each door B, and provided with a pane of glass, whereby light may be admitted to the stable, and F designates a small door arranged at the outer edge of the main door B, and hinged thereto, the small door F being adapted to be opened to ventilate the stable. The said door is held closed by any preferred means—as, for instance, a button, G, pivoted to the main door or the frame. Any simple and preferred means may be employed to lock the main doors also, such as a button or a hook.

H designates staples or eyes secured to the outside of the main doors, and I designates similar staples secured to the frame on each side of the said doors.

K designates a chain, which is secured at one end to the outside of the stable and passes through all the eyes or staples H and I on the side of the stable. The ring L on the end of the chain engages over the staple O, which is inside the stable. In order to engage the ring L over the staple O, it is necessary to pass the end of the chain through an opening in the side of the stable adjacent to the said staple. The padlock M is employed to hold the ring L in engagement with the staple O.

It will now be seen that the doors are securely fastened on the outside by the chain passing across the same, and to unlock all of said doors it is simply necessary to unlock the padlock M and release the end of the chain K.

N designates the mangers and feed-boxes, which are secured on the inner sides of the doors. It will be readily seen that although these doors may be easily opened in case of fire they are perfectly secure at other times, and all may be independently locked, if desired, without the use of the chain. It will be seen that by the simple arrangement of this device the doors may be used separately to take out the animals, instead of using the general door, and they may also be opened to clean the stalls; also the doors may be opened to allow the animals tied thereto to stand in the open air in fine weather, instead of standing in the confined stalls, their feed-stalls being obviously always within reach. The doors may be opened and the horses tied thereto allowed to stand outside of the stable when it is desired to curry the horses, as it will be seen that there is more room and light. Thus horses may be taken out to curry them without untying them from their stalls. These advantages will be readily appreciated by those having a great number of horses.

As before stated, in order to open the doors it is simply necessary to unlock the padlock M and release the end of the chain. This, as will be seen, is very easily accomplished, and may be done in a very few moments, thus making it advisable to only secure the chain at night, when the stable is left, and to secure the doors in some simpler way during the day, so that they may be opened independently.

Having thus described my invention, I claim—

The herein-described improvement in stables, consisting in the combination, with the frame, of the doors B, hinged thereto and adapted to be lifted from their hinges, and provided in their upper portions with the windows E, the doors F, hinged to the doors B, and forming the upper outer corners of the same, the staple L on the inside of the frame at one end, the chain having one end fastened to the staple L, thence passed through

the frame and along the same across the outside of the doors, and having its free end secured to the outside of the frame at the opposite end to the staple L, and the staples H I,
5 secured, respectively, to the doors B and the frame, and supporting and guiding the chain, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

BAKER BORTON.

Witnesses:

HENRY D. GAYLORD,
E. J. HUSBAND.