

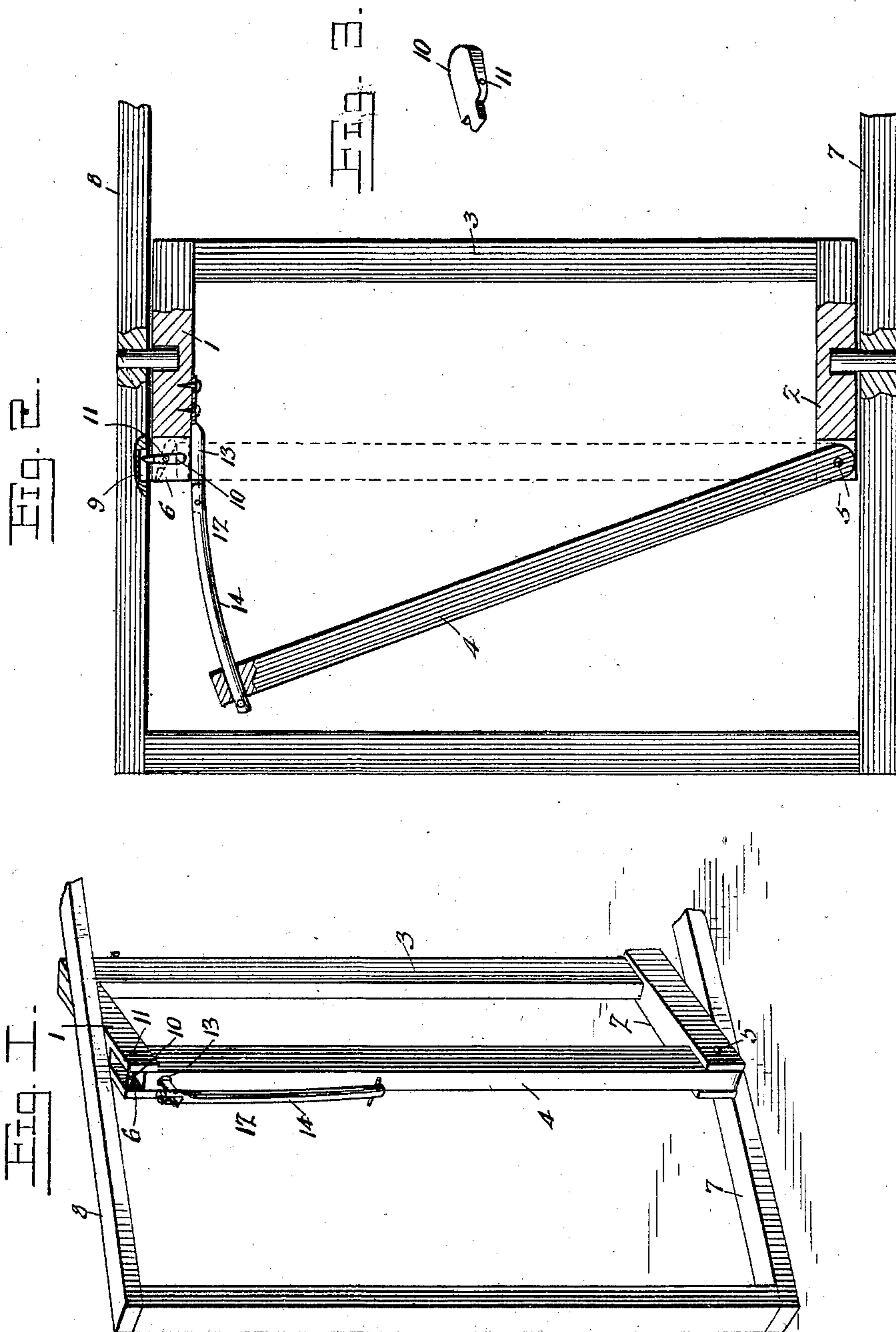
No. 679,839.

Patented Aug. 6, 1901.

J. G. FRAGNER.
CATTLE STANCHION.

(Application filed Apr. 1, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN GEORGE FRAGNER, OF MONROE, MICHIGAN, ASSIGNOR OF ONE-HALF
TO CASIMIR HENRY WALLINGER, OF SAME PLACE.

CATTLE-STANCHION.

SPECIFICATION forming part of Letters Patent No. 679,839, dated August 6, 1901.

Application filed April 1, 1901. Serial No. 53,857. (No model.)

To all whom it may concern:

Be it known that I, JOHN GEORGE FRAGNER, a citizen of the United States, residing at Monroe, in the county of Monroe and State of Michigan, have invented a new and useful Cattle-Stanchion, of which the following is a specification.

My invention is an improved cattle-stanchion; and it consists in the peculiar construction and combination of devices hereinafter fully set forth and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a cattle-stanchion constructed in accordance with my invention. Fig. 2 is an elevation of the same, partly in section. Fig. 3 is a detail perspective view of the gravity-catch.

My improved cattle-stanchion comprises the upper and lower pivoted heads 1 2, the fixed stanchion-bar 3, which connects the same together at one end, and the swinging stanchion-bar 4, the lower end of which is pivoted to the lower head 2, as at 5, and the upper end of which is adapted to be swung into and out of an open slot 6, with which the upper head 1 is provided.

In the form of my invention hereshown the stanchion has its respective heads pivoted to a sill 7 and a plate 8, but it will be understood that any suitable framework may be provided for the stanchion, and I do not limit myself in this particular.

The plate 8 is provided on its under side with a notch 9, which is mortised therein, and the upper head 1 of the stanchion is provided with a gravity-catch 10, which is located in the slot 6 and is pivoted, as at 11, and serves to engage the locking-notch 9, and thereby lock the stanchion against rotation on its pivot when the swinging stanchion-bar 4 is opened, as shown in Fig. 2. The lower weighted end of the gravity-latch 10 is disposed in the path of the upper end of swinging stanchion-bar 4, so that when the latter is closed it automatically turns the said gravity-latch on its pivots and disengages said gravity-latch from

the locking-notch 9, thereby releasing the stanchion and enabling the same to turn upon its pivots, as is indicated in Fig. 1.

A lock-link 12, which comprises the fixed section 13 and pivoted section 14, is employed to lock and release the swinging stanchion-bar. The fixed section 13 of said lock-link is bolted or otherwise secured to the under side of the upper head 1. The said lock-link operates in an opening near the upper end of the swinging stanchion-bar, and when the swinging stanchion-bar is closed the pivoted section 14 of the lock-link drops to the position shown in Fig. 1, and thereby locks said swinging stanchion-bar in a closed position, as will be understood. In order to release said swinging stanchion-bar, the outer end of the pivoted section of the lock-link must be first raised and disposed in line with the fixed section 13 thereof, as will be understood.

Having thus described my invention, I claim—

1. A cattle-stanchion having a swinging stanchion-bar, in combination with a lock-link comprising a fixed section 13 and an outer section 14 pivoted thereto, said fixed section being secured to one of the stanchion-heads, said pivoted outer section 14 passing through an opening in said swinging stanchion-bar, said section 14 being adapted to drop to a vertical position on the outer side of said swinging stanchion-bar when the latter is closed, and the upper end of said section 14 when thus disposed extending above said fixed section 13, to lock said swinging stanchion-bar in a closed position, substantially as described.

2. A cattle-stanchion having a swinging stanchion-bar, in combination with a lock-link comprising a fixed section and a pivoted section, the former being secured to one of the stanchion-heads and the latter passing through an opening in said swinging stanchion-bar, the said pivoted section of said link being adapted to drop to a vertical posi-

tion on the outer side of said swinging stanchion-bar when the latter is closed, to lock the same in said closed position, and a gravity-latch disposed in the path of said swinging
5 stanchion-bar, said latch serving to lock said stanchion against rotation on its pivots when said swinging stanchion-bar is opened and being turned to and held in inoperative position by said swinging stanchion-bar, when

the latter is closed and locked by said lock-link, 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.

JOHN GEORGE FRAGNER.

Witnesses:

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WILLIAM STOECKERT.