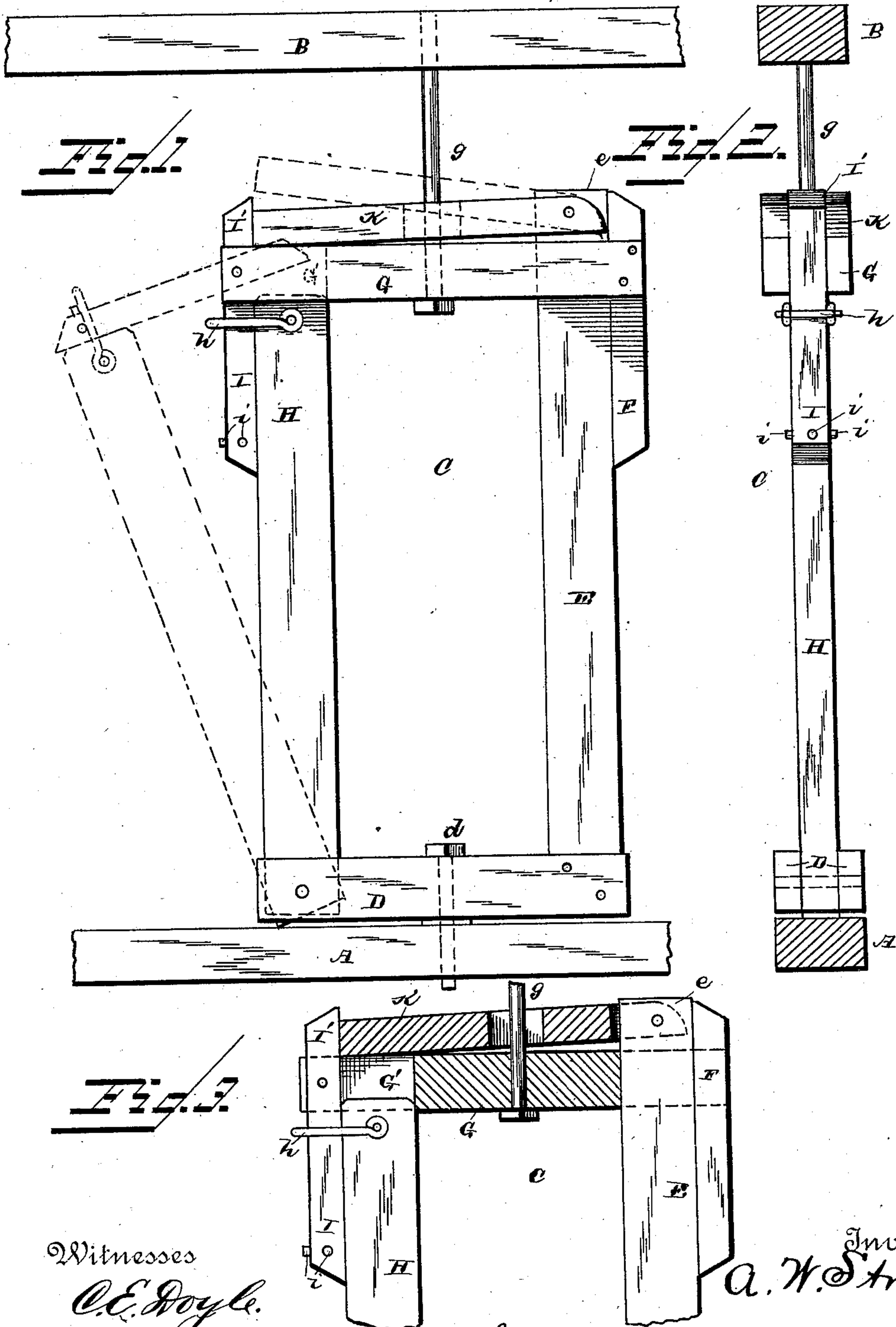


(No Model.)

A. W. STREETER.  
CATTLE STANCHION.

No. 373,252.

Patented Nov. 15, 1887.



Witnesses

*C. E. Doyle.*

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# UNITED STATES PATENT OFFICE.

AUGUSTUS WILLARD STREETER, OF LITTLETON, NEW HAMPSHIRE.

## CATTLE-STANCHION.

SPECIFICATION forming part of Letters Patent No. 373,252, dated November 15, 1887.

Application filed April 23, 1887. Serial No. 235,883. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUSTUS WILLARD STREETER, a citizen of the United States, residing at Littleton, in the county of Grafton and State of New Hampshire, have invented a new and useful Improvement in Cattle-Stanchions, of which the following is a specification.

My invention relates to improvements in cattle-stanchions; and it consists in a certain novel construction and arrangement of parts for service, fully described and claimed hereinafter.

In the drawings hereto annexed, Figure 1 is a side view of a stanchion embodying my improvements. Fig. 2 is an edge view. Fig. 3 is a longitudinal section of the upper part of the same.

Referring to the drawings by letter, A designates the floor of the stable, and B any stationary beam above the same, and C represents the stanchion, having the floor or base block D secured to the floor by the screw-bolt *d*. To one end of the said base-block is rigidly secured the lower end of the upright E, to the upper end of which is rigidly secured one end of the rail G, parallel with the base D and braced at the joint by the block F. The rail G is firmly secured in place by the screw-bolt *g*, which passes down from the beam B and screws into the said rail G.

In a slot in the free end of the base-block D is pivoted the lower end of the swinging bar H, the upper end of which is adapted to engage slightly in the slot G' in the end of the rail G; and I is a latch pivoted near the upper end in the extreme outer end of the said slot, and adapted to be normally disposed along the outer edge of the swinging bar H. The upper end of the bar H is provided with a pivoted loop, *h*, which is adapted to pass around the latch and operate thereon, (when the bar H is swung outwardly, as shown in dotted lines in Fig. 1,) small studs *i i* being placed near the lower end of the latch to limit the motion of the loop *h* thereon.

On the upper side of the rail G is disposed a locking-bar, K, pivoted at one end to the projection *e*, formed by the upper end of the upright E, and adapted at the other end to

drop automatically in rear of the upwardly-projecting end I' of the latch I, to prevent the said latch from being operated.

The operation of the invention is as follows: To open the stanchion raise the free end of the locking-bar K and swing the lower end of the latch I outwardly at the same time that the bar H is moved outwardly at the upper end. The studs *i* serve as stops to limit the outward motion of the said swinging bar. When the said bar is drawn in, the latch will also be retracted by the operation of the link or loop *h*, and the lock-bar K will automatically fall (at the front or free end) in rear of the projection at the upper end of the said latch, forming the detent I'. Thus it will be seen that to swing the said bar H outwardly it is only necessary to raise the locking-bar, which is easily accomplished by inserting a small rod or stick under the same, and when the said bar is swung back into position it is automatically locked by the means provided for that purpose.

It will be understood from the foregoing description that, although the means of securing of the parts of the device are very easily operated to release the swinging bar, they are nevertheless very effective and safe, and it is absolutely impossible for a confined animal to accomplish the release of the said bar.

Having now described the construction, advantages, and operation of the invention, what I claim, and desire to secure by Letters Patent, is—

1. In a stanchion, the combination, with the top rail, G, having the slot G' in one end, the swinging bar H, the latch I, pivoted in the outer end of slot G' and adapted to swing downward against the outer side of bar H when the latter is closed, said latch having the upper projecting arm, I', and the gravity lock-bar K on the upper side of the rail G, to drop behind the arm I' and thereby lock the latch and bar H in a vertical position, substantially as described.

2. In a stanchion, the combination of the top rail, G, having the slot G' in one end, the swinging bar H, the latch I, pivoted in the outer end of slot G', having the short arm I' at one end and the stops *i* at the other end,



the loop *h*, pivoted to the bar *H* and embracing the latch, and the gravity lock-bar *K* on the opposite end of the rail *G*, to drop behind the arm *I'*, and thereby lock the latch  
5 and bar *H* in a vertical position, substantially as described.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in presence of two witnesses.

AUGUSTUS WILLARD STREETER.

Witnesses:

OSCAR C. HATCH,

RUEL W. POOR.