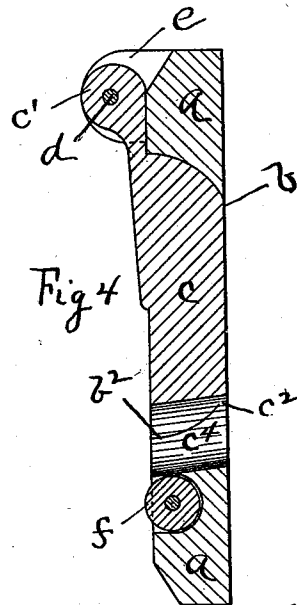
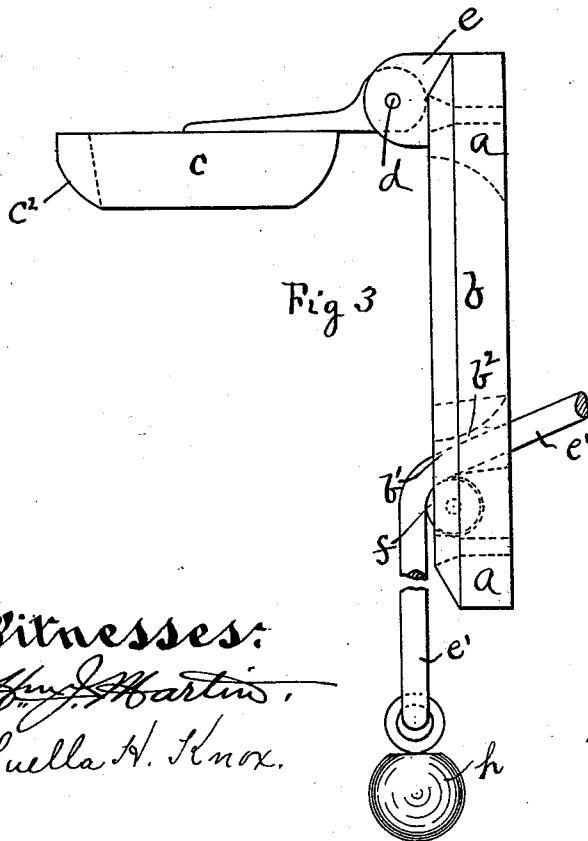
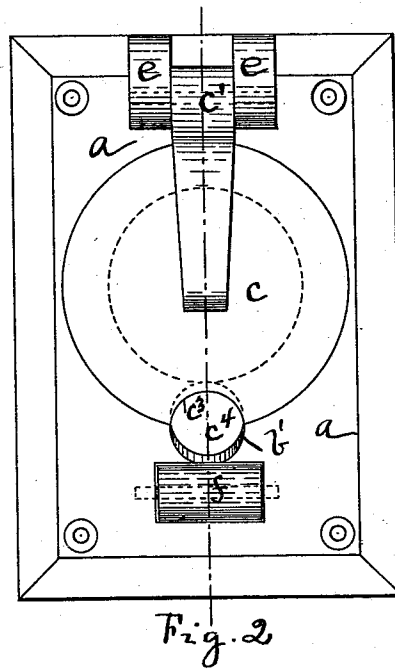
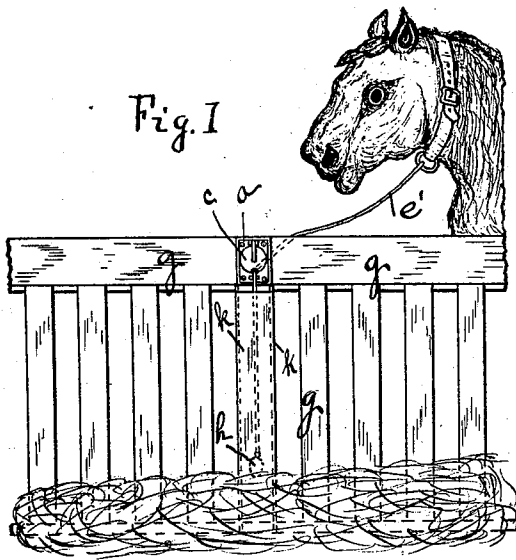


~~(No Model.)~~

S. F. CLARK.
HITCHING DEVICE FOR STOCK.

No. 521,782.

Patented June 26, 1894.



Sicknesses:
 H. J. Martin,
 Luella H. Knox.

Inventor.
Samuel F. Clark
By his attorneys
Ray, Totten & Crooke

UNITED STATES PATENT OFFICE.

SAMUEL F. CLARK, OF OIL CITY, PENNSYLVANIA.

HITCHING DEVICE FOR STOCK.

SPECIFICATION forming part of Letters Patent No. 521,782, dated June 26, 1894.

Application filed October 10, 1893. Serial No. 487,743. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL F. CLARK, of Oil City, in the county of Venango and State of Pennsylvania, have invented a new and useful Improvement in Hitching Devices for Stock; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to devices for hitching stock.

To enable others skilled in the art to make and use my invention, I will describe the same more fully, referring to the accompanying drawings, in which—

Figure 1 is a view of my improved hitching device as applied to a manger. Fig. 2 is an enlarged front view. Fig. 3 is an enlarged side view showing the cover swung back. Fig. 4 is a section on the line 4—4, Fig. 2.

Like letters indicate like parts in each of the figures.

The plate *a* may be formed of any suitable material having the requisite strength. The opening *b* is formed in said plate *a*, the periphery of said opening having the groove *b'* formed therein.

Hinged to the front of the plate *a* is the cover *c*, a pin *d* passing through lugs *e* on said plate and a lug *c'* on said cover. By this construction the cover *c* is arranged to swing back and forth on one side of the plate *a* but is prevented from swinging through the opening *b*. The fact that the cover *c* is hinged at the top of the opening *b* keeps said cover normally in position over said opening *b*.

In order to relieve the strain on the hinge of the cover *c* when there is a drawing strain from the rear of said plate upon said cover the opening *b* is countersunk as at *b²*. The cover *c* is accordingly beveled, as at *c²*, to fit neatly within the opening *b*. The periphery of the cover *c* may have the groove *c³* opposite the groove *b'* so that the two form an opening *c⁴* for the passage of the hitching strap or chain *e'*. Below the opening *c⁴* formed by the grooves *b'*, *c³* is the idle roller *f* suitably journaled in the plate *a*.

The plate *a* is secured to the inside of the manger *g*, or other hitching place, an opening being formed in said manger coinciding with the opening *b* of the said plate, so that

the cover *c* may be pushed back from the opening *b* from the front of the manger.

The halter *e'* has secured to the inner end thereof a ball or button *h* of greater size than the opening *c⁴* to prevent its passing through said opening. This ball or button *h* is preferably formed of lead or other weighty material so that it will take up any slack in the halter *e'*. The halter *e'* may be further provided with a button at a suitable distance from the end thereof to limit the amount of said halter *e'* which the weight *h* may draw through the opening *c⁴*. When the weight *h* has been passed through the opening *b* and the cover *c* has been adjusted to close said opening it will be apparent that it will be impossible to withdraw the halter by simply pulling at the opposite end thereof. If, however, it is desired to release the animal it is simply necessary to push back the cover *c* and withdraw the weight *h*.

A tube *k* may be secured on the inside of the manger for the reception of the weight *h* and that portion of the strap on the inside of said manger. By the use of this tube the weight *h* will always be sure to act, but if the weight merely hung into the manger itself, if said manger happened to be full of hay when the weight *h* was passed through the opening *b* it would rest upon the hay and so fail to take up the slack in the strap.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination with a manger or like hitching station having an opening formed therein, of a plate secured thereto, said plate having a countersunk opening coinciding with said first mentioned opening, and a groove in the periphery of said countersunk opening, a cover hinged on one side of said plate constructed to fit within said countersunk opening, said cover having a groove formed in the edge thereof coinciding with said first mentioned groove, substantially as and for the purposes set forth.

In testimony whereof I, the said SAMUEL F. CLARK, have hereunto set my hand.

SAMUEL F. CLARK.

Witnesses:

JUDSON D. TRAX,
PETER A. WILBERT.