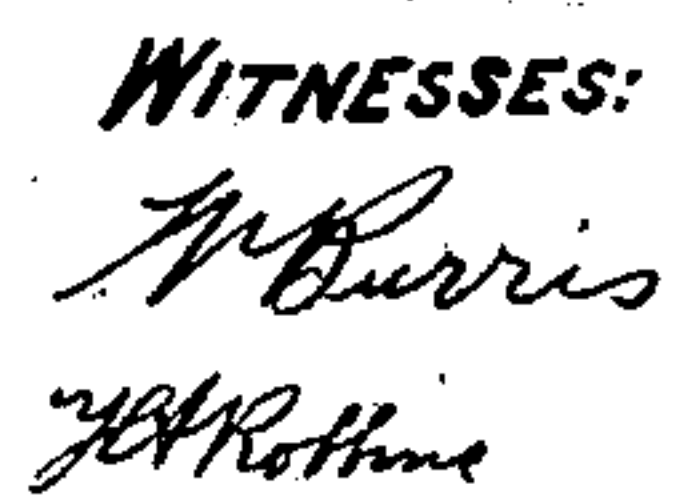


Halter Hitch.

N^o 90,812.

Patented July 1, 1869.



INVENTOR,
Bacon & Maults
per
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United States Patent Office.

ALONZO T. BOON AND LUCIEN MILLS, OF GALESBURG, ILLINOIS.

Letters Patent No. 90,812, dated June 1, 1869.

IMPROVED HALTER-HITCH.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, ALONZO T. BOON and LUCIEN MILLS, of the city of Galesburg, in the county of Knox, and State of Illinois, have invented a new and improved "Halter-Hitch;" and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a front view.

Figure 2 is a longitudinal section, as indicated by the line *x-y* of fig. 1.

Like letters, in both figures of the drawings, indicate like parts.

Figures 3, 4, 5, 6, and 7, are views of modifications of same device.

Our invention relates to a simple and convenient device, to be fastened to a post or other place, which device is intended to enable a person to secure his horse in an easy manner.

It consists in introducing the end of the halter through a slot or opening in a metallic box or other device, in such a manner as to form a loop therein, and then inserting a bolt or catch through the loop, which bolt or catch will thus hold the halter. The bolt, being provided with a shoulder on the under side thereof, is prevented from being slipped out of the loop by the shoulder catching against a lug with which a projection of the box or other device is constructed.

To enable any one skilled in the art to make and use our invention, we will proceed to describe its construction and operation.

A is the box, of cast-metal, having projections *a a*, *b b*, which are made with holes of suitable size to receive screws *c c c c*, by means of which the box is fastened to the post or other place.

The projections *b b* join with a projection, B, which is elongated at a proper distance therefrom, and provided with an eye, D, at the end thereof, to receive the smaller part of the bolt E, which has its end, *e*, turned out at right angles therefrom, for the hand to take hold of, to work the bolt, this end of the bolt being inserted through the eye, while the other end is put through a slot or eye, *f*, in the upper end of the

box, which eye *f* is made larger than the eye E, to receive the larger part of the bolt, the difference thus made in the construction of the bolt forming a shoulder on the sides and front thereof, just where the larger part of the bolt begins on the upper side of the box, which shoulder will prevent the bolt from being taken out of the eyes, when attached to the post, by its coming against the eye E.

The box has a slot or opening, F, in the front thereof, large enough to receive the loop of the halter, which, when it is desired to hitch the horse, the bolt being drawn up, the loop is introduced into the box, through the slot thereof, and the bolt slipped down through the loop, which thus securely holds the halter.

The larger part of the bolt is made but a trifle smaller in width than that of the slot. Thus, if the horse should pull upon the halter, the eye *f* of the box being large enough in front of the bolt, the bolt will be drawn forward, and be caused to press upon and bind the loop against the sides of the slot, so that, the tighter the horse pulls, the tighter will the bolt be held from coming out of the loop; but, to provide against the horse slipping the bolt out by some means or other, and thus release himself, the bolt is hollowed out in such a manner, on the under side thereof, as to form a shoulder, *g*, which will come in contact with the lug G, on the projection B, and hence hold the bolt.

The under side of the bolt, extending down from the shoulder thereof, is hollowed out sufficiently to allow the bolt to work over the lug.

When it is desired to raise the bolt, it is pulled forward, to let the shoulder pass over the lug.

Having thus fully described our invention,

What we claim therein as new, and desire to secure by Letters Patent, is—

The slot or opening F, of a box or other device, provided with a bolt or catch, E, in combination with the loop of a halter, substantially as and for the purpose set forth.

ALONZO T. BOON.
LUCIEN MILLS.

Witnesses:

BENJ. LOMBARD, Jr.,
LOREN STEVENS.