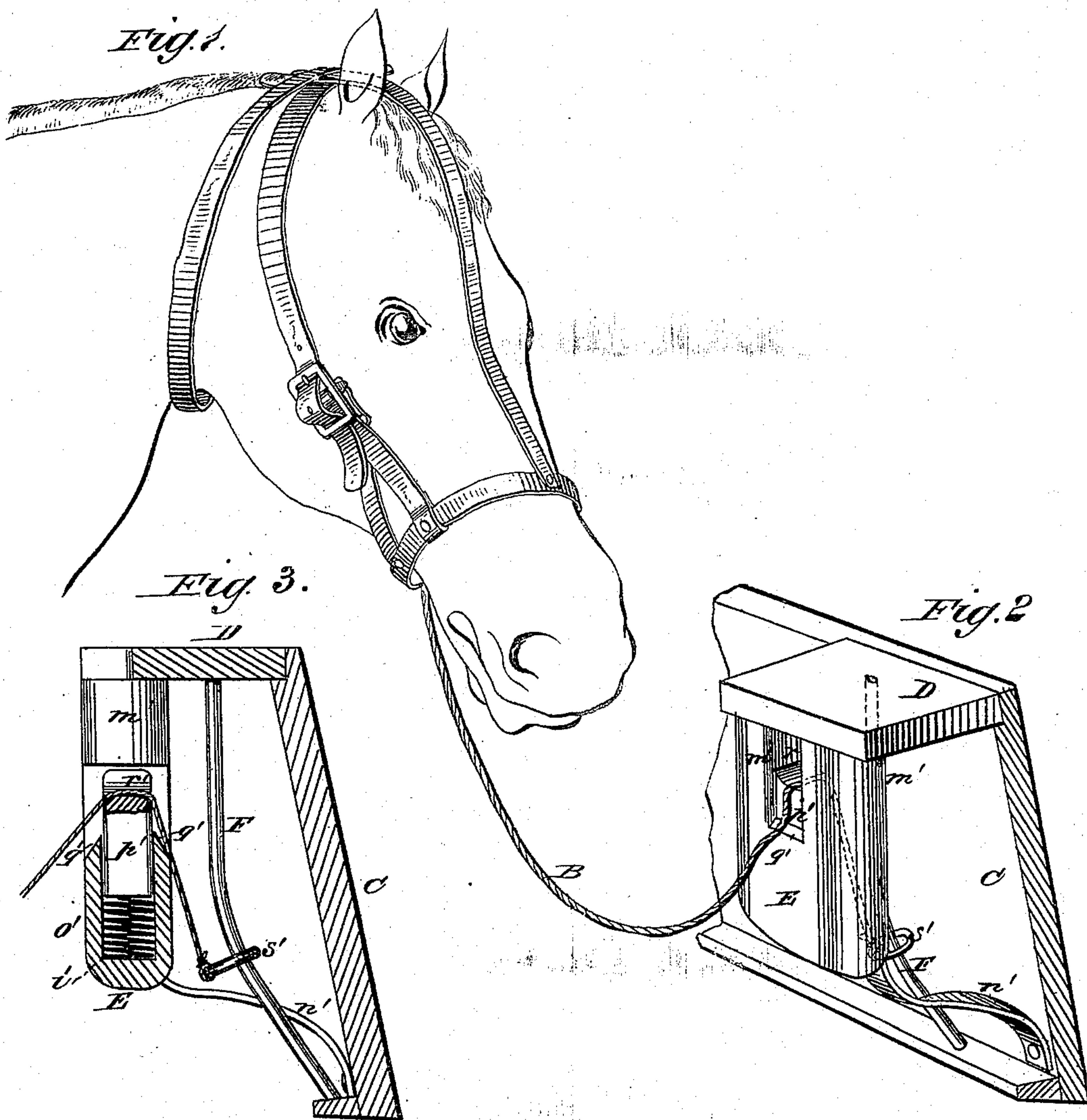


B. F. STRANGE.  
Safety Appliance for Releasing Horses.

No. 225,179.

Patented Mar. 2, 1880.



WITNESSES:

Francis McArdle  
C. Sedgwick

INVENTOR:

BY

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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

BENJAMIN F. STRANGE, OF CORVALLIS, MONTANA TERRITORY.

## SAFETY APPLIANCE FOR RELEASING HORSES.

SPECIFICATION forming part of Letters Patent No. 225,179, dated March 2, 1880.

Application filed June 11, 1879.

*To all whom it may concern:*

Be it known that I, BENJAMIN F. STRANGE, of Corvallis, Missoula county, Montana Territory, have invented a Safety Appliance for Releasing Horses, of which the following is a specification.

Figures 1 and 2 of the drawings show, respectively, the halter on horse and the manger in elevation. Fig. 3 is a sectional side elevation of the manger with attachment.

The invention consists in a hitching appliance so connected with the horse's halter that the halter will be cut if the animal should become entangled in it, as hereinafter described.

B represents a halter connected with the horse's head, as shown in Fig. 1 of the drawings, or in any other way, or with his neck; C D, the manger, to which the halter is usually fastened; and E, a casting in which is the socket *i*, and which has the vertical rods *m' m'* and the curved braces *n' n'*, secured to the manger. *o'* is a spiral spring arranged in the socket to

support the slide-block *p'* above the edge *q'*, which is sharpened to form a cutter. *r'* is an opening through which the halter passes to the inner rod, F, where it is secured by a ring, *s'*, or in any other way, so that it may slide on the rod.

It is apparent that if the horse should become entangled so as to press upon the halter, the latter will force down the block *p'* on its spring, and be brought into contact with sharp edge *q'*, and be instantly severed.

What I claim as new is—

The combination, with a manger, C D, of the rod F, having ring *s'*, and the socket E, having the spring-supported block *p'*, opening *r'*, and sharp edge *q'*, to adapt the halter of a horse to be connected therewith, as and for the purpose specified.

BENJAMIN FRANKLIN STRANGE.

Witnesses:

WILLIAM H. H. DICKINSON,  
CORTEZ GOFF.