

(No Model.)

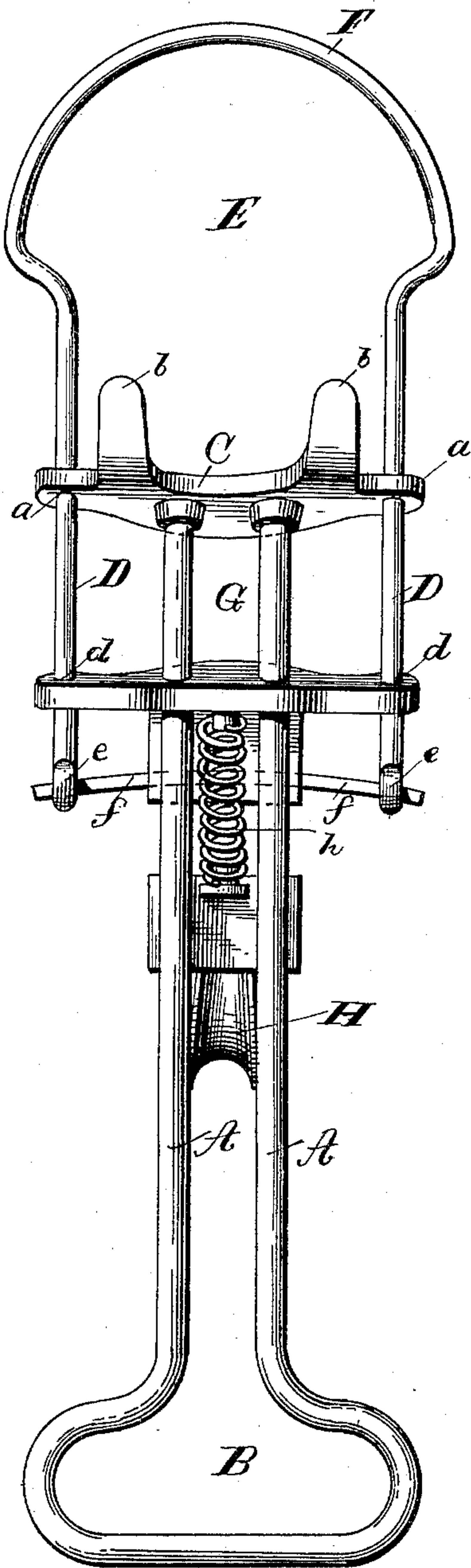
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DEVICE FOR CATCHING AND HOLDING ANIMALS.

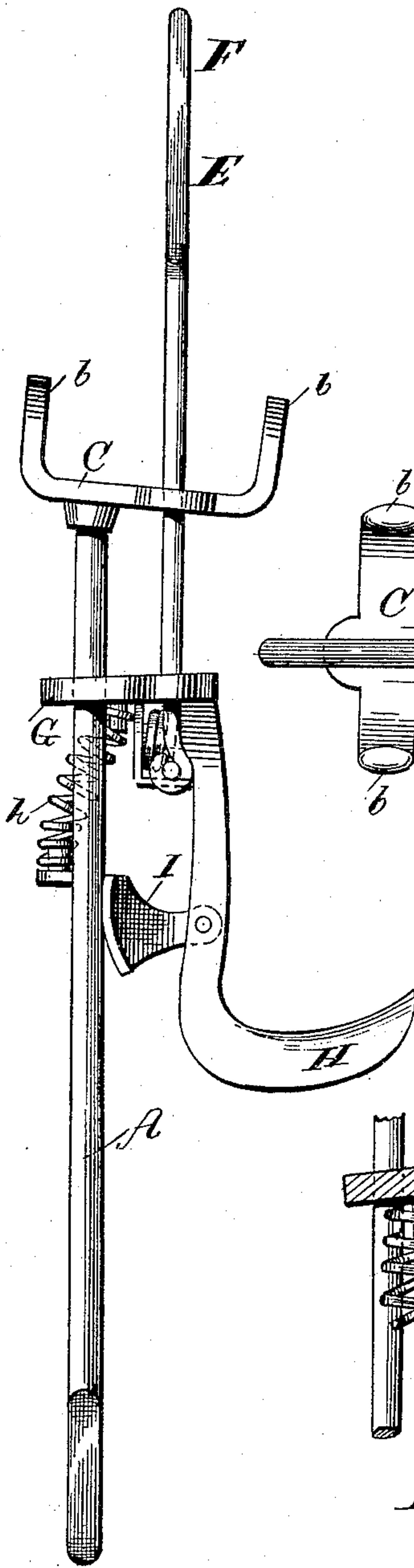
No. 433,356.

Patented July 29, 1890.

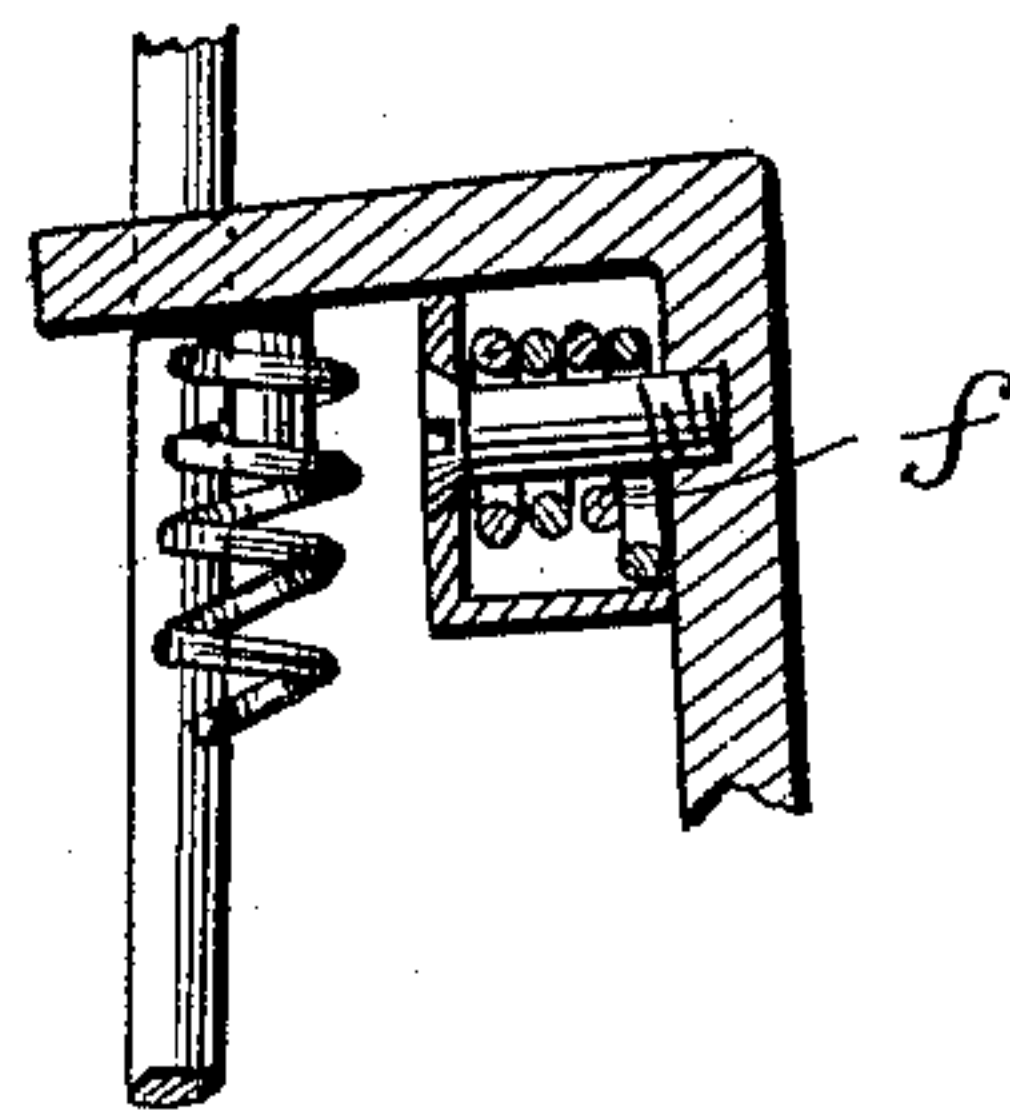
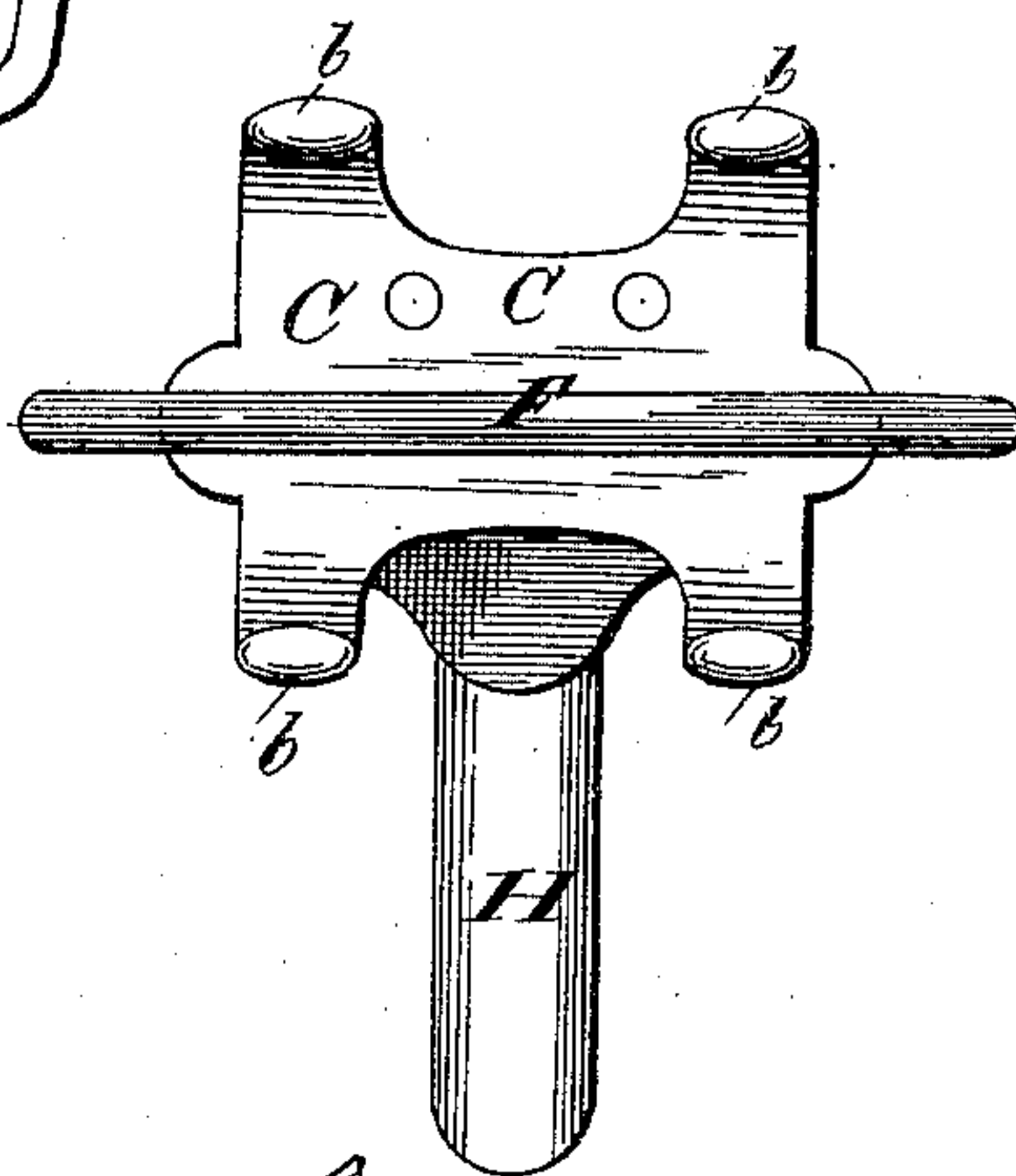
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*

WITNESSES

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# UNITED STATES PATENT OFFICE.

GEORGE S. LONG, OF BIG ROCK, ILLINOIS.

## DEVICE FOR CATCHING AND HOLDING ANIMALS.

SPECIFICATION forming part of Letters Patent No. 433,356, dated July 29, 1890.

Application filed March 10, 1890. Serial No. 343,304. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE S. LONG, a citizen of the United States, residing at Big Rock, in the county of Kane and State of Illinois, have invented new and useful Improvements in Devices for Catching and Holding Animals; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to new and useful improvements in devices for catching and holding hogs and other animals for the purposes of ringing, marking, or otherwise treating the same.

The invention consists of an adjustable sliding noose, combined with an arm or standard, upon which a binding-plate connecting the ends of the noose is adapted to slide back and forth to diminish or enlarge the size of the noose, as desired.

The invention further consists in the construction of the binder-plate, which is adapted to slide on the standard, with a suitable handled arm for operating the adjustment of the noose, being also provided with a friction device for holding the noose in its altered position against back pressure automatically; and it also consists in certain features in the construction and arrangement of parts, all as hereinafter explained.

In the accompanying drawings, Figure 1 is a front elevation of my improved device. Fig. 2 is a side elevation. Fig. 3 is a bottom or plan view of the device. Fig. 4 is a view of the binder-plate and a portion of the standard-rod, showing the spring for operating the friction device, and also the spring for giving to the metallic noose a yielding pressure when in use.

The standard or arm A, which forms the main frame of my device, is preferably constructed of a small rod which is doubled over in such a manner as to provide a suitable handle B at one end, while the two free ends are secured in a plate C, which forms the upper jaw of the device. This plate or jaw C is provided with an aperture near each end, through which the sliding arms D of the noose E extend, said plate or jaw being also provided

with downwardly-projecting portions *b*, which form the means for making the jaw more effective in its grip.

The noose E, which is preferably constructed of heavy wire rod, is in general form U-shaped, the parallel arms of which are pressed in from the bow portion F, making an offset which fixes the limit of contraction of the size of the noose. The two ends of the wire rod forming the noose after extending through the holes *a a* in the plate or jaw C, pass through similar holes *d d* in another plate G, which corresponds very much to the plate C, and serves to bind the noose to the standard or arm A, and making a sliding adjustment for the noose upon the standard. The ends of the rod forming the noose, instead of being rigidly secured to the binder-plate, extend through and are bent over to form eyes or holes for the reception of the arms of a spring *f*, said spring being formed around a shaft or screw centrally located on the binder-plate and having the ends projecting out, one on each side, to extend through the eyes of the arms D of the noose, thus allowing a yielding of the noose when applied to an animal, which relieves the rigid grip of the metal jaws.

As before stated, the binder-plate G is adapted to slide back and forth on the standard or arm A, and to allow this sliding movement any well-known manner of providing such movement can be employed.

To operate the adjustment of the noose the binder-plate is provided with an arm or handle H, which extends upward from the binder-plate and parallel to the standard for a short distance and then curved out at right angles, forming the handle for manipulating the sliding noose. In the handled arm H, near the handle portion is provided a slot, in which is pivotally secured an upwardly-extending arm or projection of a cam-operating friction device I, the face of said device being curved and held against the standard by means of a spring *h*, acting on an arm depending from the friction-cam, the spring being held in position by embracing a lug on said depending arm with one end and another similar lug on the binder-plate or sliding cross-head C with the other end, said spring exerting its force to press back the friction-cam, which, by its curved



face, presses up against the handled arm H, thereby causing the cross-head or binder-plate to bind on the standard by the friction produced, and thus preventing displacement.

5 The operation of my device is as follows: When it is desired to catch and hold an animal for the purposes hereinbefore stated, the noose E is first opened to sufficient extent and the bow or lower jaw F placed in the animal's mouth, over the nose or over any part  
10 of the animal's body desired to be gripped, the handle B being held by the left hand, the handled arm H is pulled up, shortening the noose and bringing that portion of the animal inclosed, tightly gripped between the  
15 lower jaw F and the jaw C of the standard. The friction device acts against any back-pressure, and any increase of pressure only tends to block the sliding cross-head or binder-plate G more securely. When it is desired  
20 to open the jaws, the thumb of the right hand presses the friction-cam forward, thereby releasing it from rigid contact with the standard A and allowing the handle H to be forced  
25 down and the noose opened.

Having now described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a device for catching and holding ani-

mals, the jaw rigidly secured to the standard, 30 a rigid noose sliding in said jaw and having its ends secured to an adjustable binder-plate or sliding cross-head by means of a yielding connection, the said sliding cross-head or binder-plate being provided with a handled  
35 arm, substantially as described, whereby it is adapted to be moved up and down on the standard and the noose contracted or enlarged, substantially as described, and for the purpose  
40 set forth.

2. In a device for catching and holding animals, the standard or handled arm having the plate or jaw affixed thereto, a cross-head adapted to slide on said standard, a U-shaped  
45 noose secured to the sliding cross-head by means of a spring for giving said noose a yielding grip, and a handled arm secured to the cross-head for operating the adjustment of the noose provided with a friction device,  
50 substantially as described, and for the purposes set forth.

In testimony whereof I affix my signature in the presence of two subscribing witnesses.

GEORGE S. LONG.

Witnesses:

HARRY LONG,  
GEORGE HARRINGTON.