

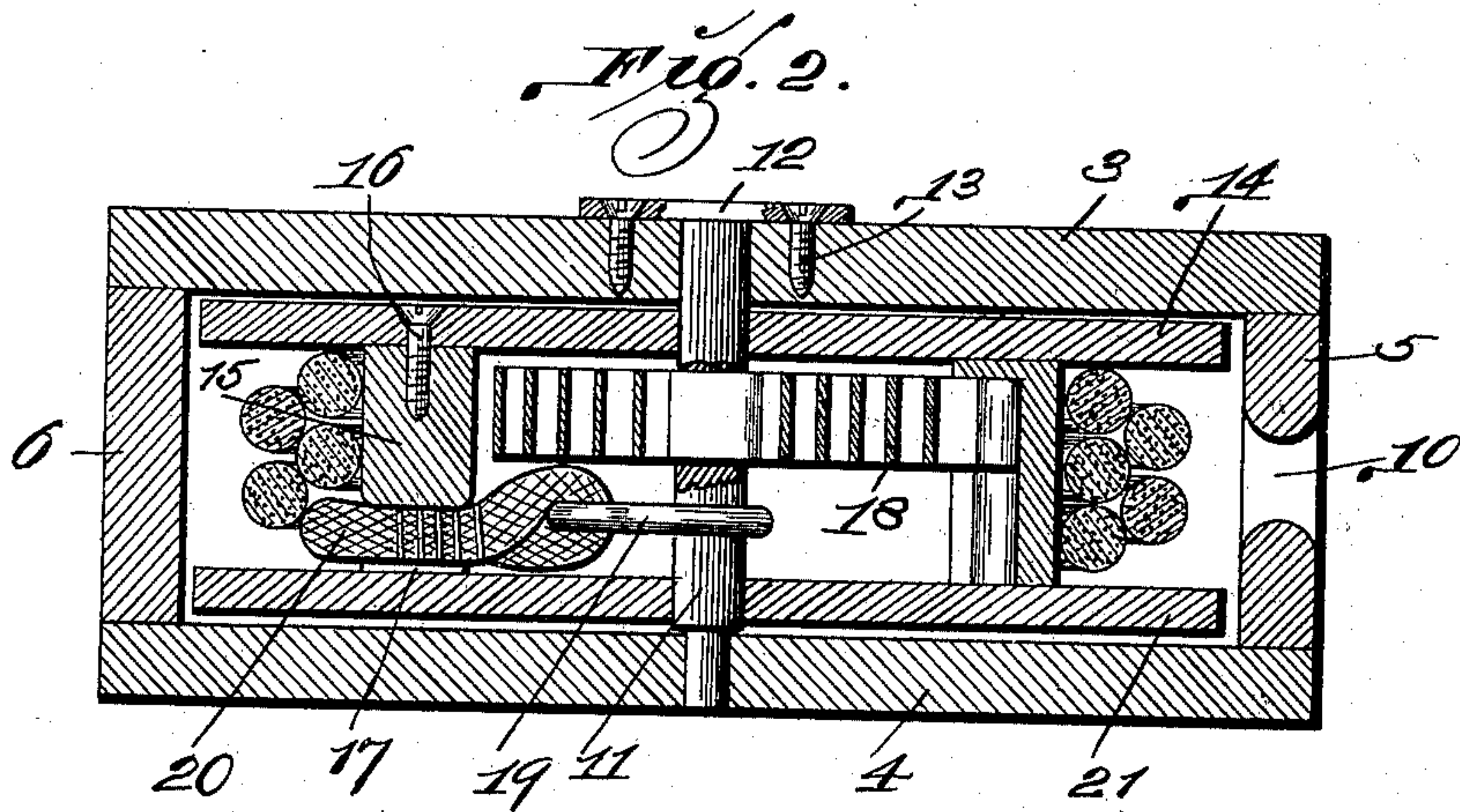
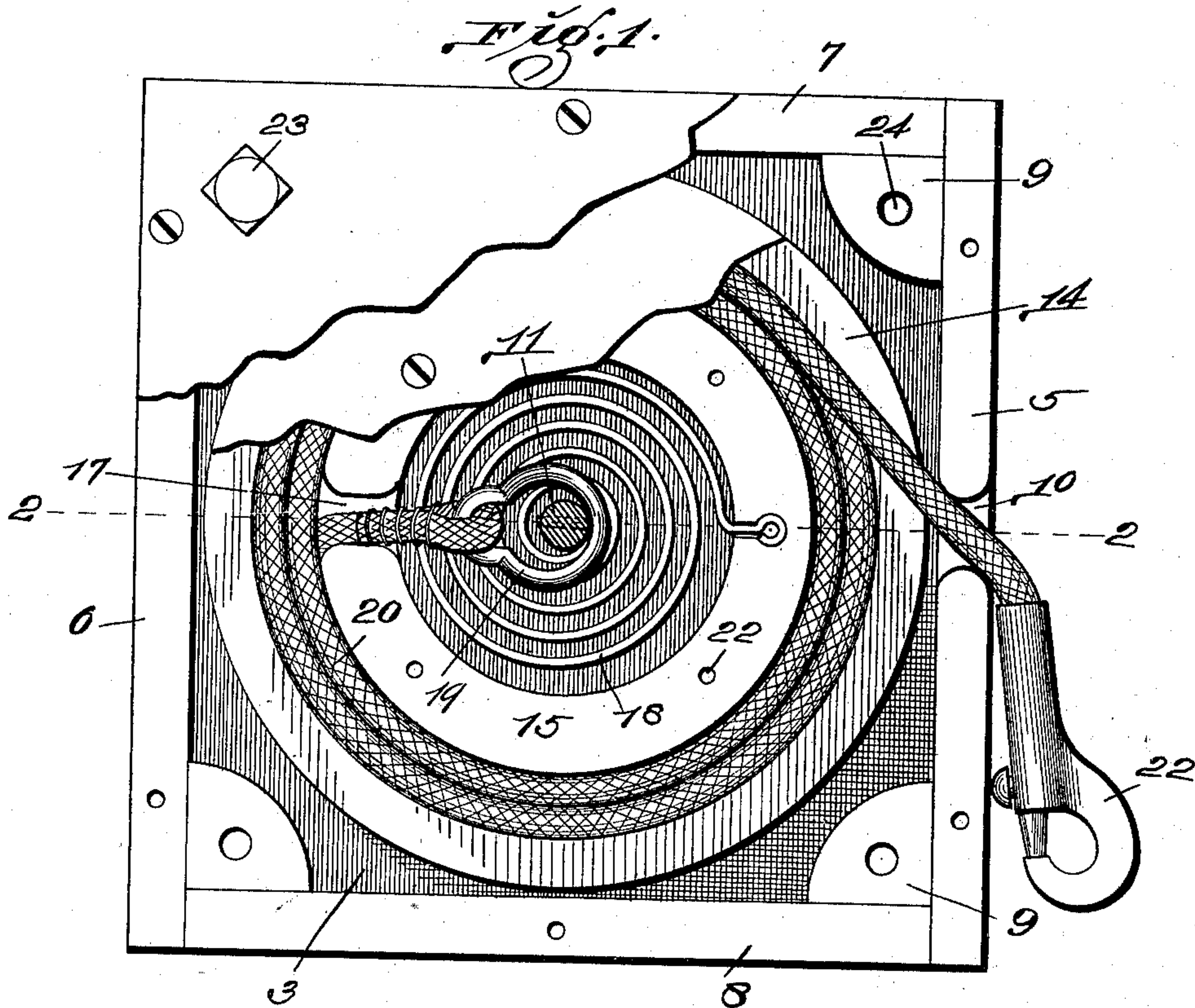
No. 610,088.

Patented Aug. 30, 1898.

F. SCHEERER.  
HITCHING DEVICE.

(Application filed Oct. 4, 1897.)

(No Model.)



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# UNITED STATES PATENT OFFICE.

FREDERICK SCHEERER, OF ST. LOUIS, MISSOURI.

## HITCHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 610,088, dated August 30, 1898.

Application filed October 4, 1897. Serial No. 654,041. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK SCHEERER, of the city of St. Louis, State of Missouri, have invented certain new and useful Improve-  
5 ments in Hitching Devices, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part thereof.

My invention relates to hitching devices;  
10 and it consists of the novel construction, combination, and arrangement of parts hereinafter shown, described, and claimed.

Figure 1 is a front elevation, parts being broken away to illustrate the construction.  
15 Fig. 2 is a horizontal section taken approximately on the line 2 2 of Fig. 1.

Referring by numerals to the drawings, the back piece 3 and the front piece 4 are connected by means of the side pieces 5 and 6,  
20 the top piece 7, and the bottom piece 8, thus forming a rectangular or square box. A corner-piece 9 is placed in each of the corners of the box between the back piece 3 and the front piece 4. An opening 10 is formed  
25 through the center of the side piece 5. A shaft 11 is mounted through the centers of the back piece 3 and the front piece 4 and has a head 12 fixed upon its rear end and engaging the rear face of the back piece 3, said  
30 head being held in position by means of the screws 13, inserted through the head into the back piece 3. The disk 14 is loosely mounted upon the shaft 11 immediately in front of the back piece 3. The ring 15 is attached to the  
35 front face of the disk 14 by means of the screws 16, said ring being somewhat smaller than the disk 14 and arranged concentrically relative to the shaft 11. An opening or recess 17 is formed through the ring 15. The  
40 spring 18 is placed within the ring 15 with its inner end fixed to the shaft 11 and its outer end attached to the ring. The ring or loop 19 is placed upon the shaft 11, and the rope  
45 20 is attached to said ring 19 and passes outwardly through the recess 17. The disk 21

is attached to the front edge of the ring 15 in any suitable manner, said disk 21 being of the same size as the disk 14. The rope 20 passes around the ring 15 several times and then outwardly through the opening 10 in the  
50 side piece 5, and the harness-snap 22 is attached to the outer end of the rope. The bolts 23 are inserted through the corners of the box and through the openings 24 in the corner-pieces 9 and into the manger or hitch-  
55 ing-post, as required, to hold the box securely in position.

In the practical operation of the device the snap-hook 22 is connected to the bridle or halter in the ordinary way, and the tension  
60 of the spring 18 takes up the slack in the rope. When the rope is entirely unwound, the continued strain upon the rope will be exerted directly upon the shaft 11.

I claim—

The combination with the rectangular casing 7 provided with apertured blocks in its corners, through which blocks pass bolts that rigidly locate said casing, and which casing  
65 is provided with a transversely-arranged fixed shaft, of a pair of disks rotatably arranged upon said shaft within the casing, a ring 15 separating said disks to form a winding-drum,  
70 a convolute spring within said ring, one end of said spring being fastened to the ring and the opposite end to the fixed shaft, a ring 19  
75 rotatably arranged upon said shaft and located in a clearspace beneath said spring, and a cord having its inner end fixed to the last-mentioned ring, its length being wound upon  
80 the ring 15 between the disks and its outer end passing outwardly through an aperture in the casing, substantially as specified.

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

FREDERICK SCHEERER.

Witnesses:

ALBERT J. MCCAULEY,  
JOHN C. HIGDON.