

No. 633,016.

Patented Sept. 12, 1899.

A. LITTLE.
TETHER.

(Application filed Nov. 12, 1898.)

(No Model.)

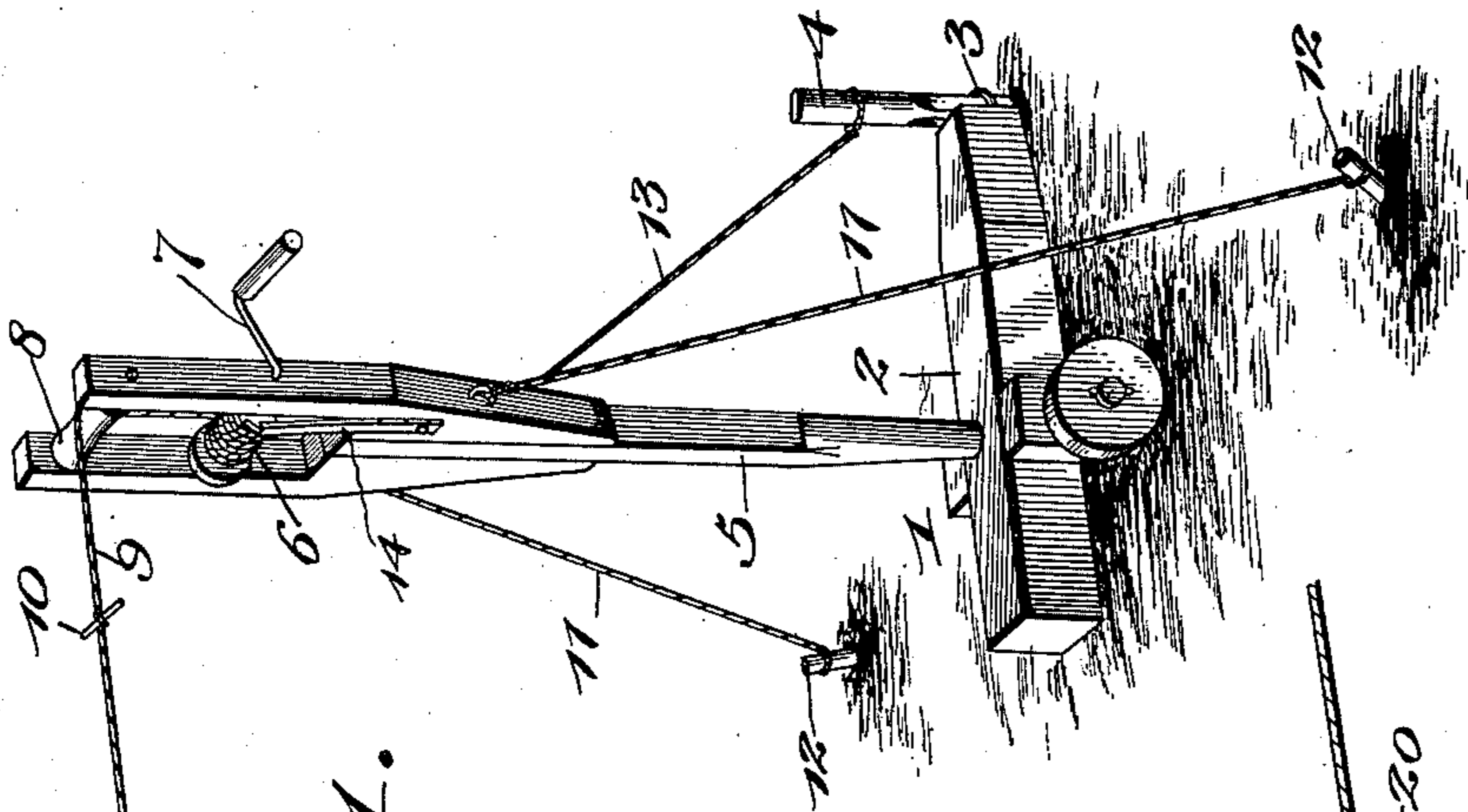


Fig. 1.

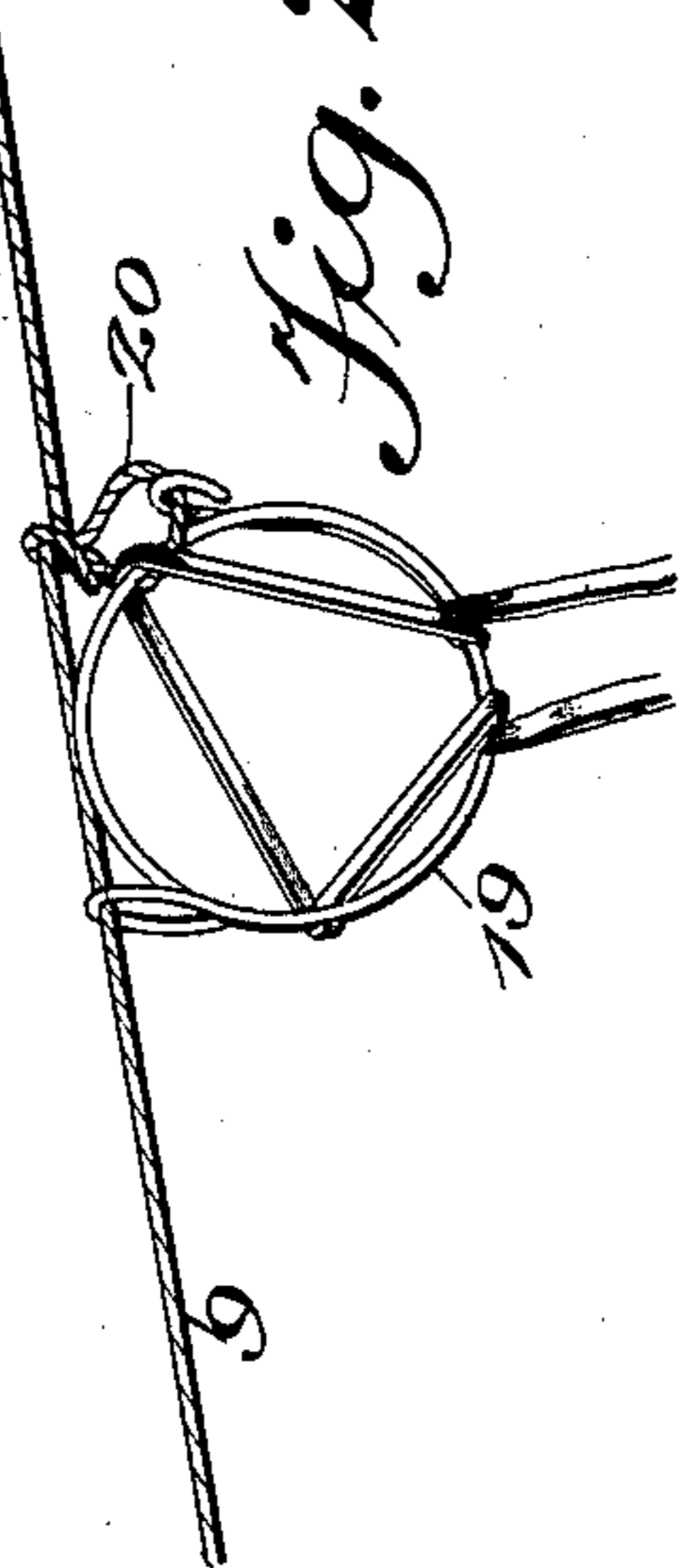


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

ANDERSON LITTLE, OF SEDDON, ALABAMA.

TETHER.

SPECIFICATION forming part of Letters Patent No. 633,016, dated September 12, 1899.

Application filed November 12, 1898. Serial No. 696,294. (No model.)

To all whom it may concern:

Be it known that I, ANDERSON LITTLE, a citizen of the United States, residing at Seddon, in the county of St. Clair and State of Alabama, have invented a new and useful Tether, of which the following is a specification.

My invention relates to tethers, and has for its object to provide a simple and portable device for staking or tethering cattle while grazing, the same having means whereby the extent of range may be varied to suit the conditions and requirements of use.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claim.

In the drawings, Figure 1 is a view of a tether constructed in accordance with my invention. Fig. 2 is a detail view of the stationary hitching member.

Similar reference characters indicate corresponding parts in both figures of the drawings.

1 represents a wheeled truck having a longitudinal beam 2, to the front end of which is attached a clevis or staple 3, through which may be driven a securing-stake 4. Rising from the truck is a standard 5, in the bifurcated upper end of which is mounted a windlass having a drum 6, to the spindle of which is attached a crank-arm 7. Above the drum 6 is a direction pulley or roller 8, over which a runner or tether rope 9 passes, said rope being provided with a plurality of spaced stops 10. To brace the standard 5, I employ lateral guy-ropes 11, extending to stakes 12, and a front guy-rope 13, extending to the upper end of the stake 4, the upper extremities of said guy-ropes being attached to suitable staples on the standard; also, a suitable ratchet device, consisting of a pawl 14, engaging ratchet-teeth on the drum, may be employed for holding the latter at the desired adjustment or with the runner at the desired tension. The other end of the runner is attached to an upright 15, braced by suitable guys 16, extending to stakes 17. Mounted upon the runner, between the spaced stops, are travelers 18, with which may be engaged halter ropes or straps of tethered animals,

and it will be understood that these travelers are adapted to traverse the runner between the stops to give a limited amount of freedom to the animal; also, in connection with the runner I preferably employ one or more hitching-rings 19, of plural-coil construction, having terminal eyes which are engaged, respectively, with the runner. The loop of a bridle-rein may be readily engaged with this hitching-ring by extending the loop through the ring, thence passing it downwardly between the sides of the bridle-rein, and finally engaging it over the upper side of the ring, as indicated in Fig. 2. A hitch of this kind cannot be disengaged by a strain applied to the body portion of the ring; but by grasping the portion of the loop adjacent to one side of the ring and drawing it across the ring the rein disengages readily. To prevent the sliding movement of this hitching-ring upon the runner, I preferably engage one terminal eye thereof with a fixed eye 20, formed in the runner, and this runner-eye serves to support one side of the loop of the bridle-rein which is engaged with the ring. Therefore to disengage the bridle-rein readily from the ring it is simply necessary to grasp it at a point adjacent to said supporting runner-eye and draw the loop laterally, as toward the left in the construction illustrated, across the ring.

The device embodying my invention is of simple construction and may be arranged in any desired position to facilitate the grazing of the stock while retaining them under sufficient restraint, and when not in use the runner may be reeled upon the drum and the stakes may be suitably supported upon the truck to enable the device to be transported.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having described my invention, what I claim is—

In a tether, the combination with a flexible runner having an eye 20, of a hitching-ring 19 of plural-coil construction, having its extremities spaced apart and provided with eyes of which one is engaged with the eye 20 of the runner, and the other with the adjacent body

portion of the runner, the intermediate portion of one of the coils, between said terminal eyes, being adapted for engagement by the loop of the bridle-rein, of which the downward
5 movement is checked by the eye 20, substantially as specified.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in the presence of two witnesses.

ANDERSON LITTLE.

Witnesses:

J. F. BARBER,

J. M. KIDD.