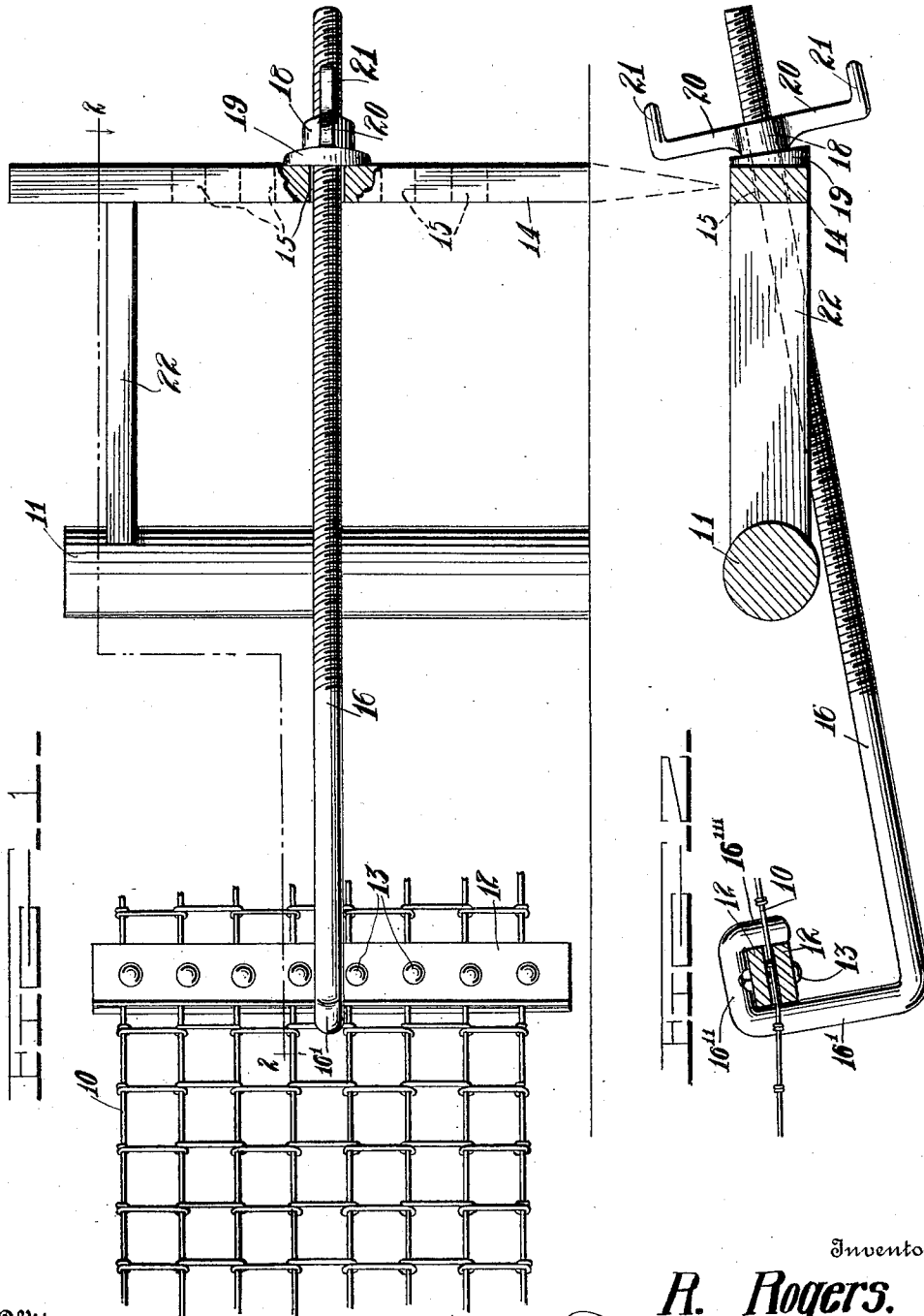


R. ROGERS.
WIRE STRETCHER.
APPLICATION FILED MAY 11, 1911.

1,032,566.

Patented July 16, 1912.



Witnesses

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REAMER ROGERS, OF PAVO, GEORGIA, ASSIGNOR OF ONE-HALF TO J. O. BAKER, OF PAVO, GEORGIA.

WIRE-STRETCHER.

1,032,566.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, REAMER ROGERS, a citizen of the United States, residing at Pavo, in the county of Thomas, State of Georgia, have invented certain new and useful Improvements in Wire-Stretchers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to fence stretchers, and has for an object to provide a device of this character that may be quickly applied to the fence fabric and will utilize one of the fence posts as an abutment when stretching the wire fencing so that the stretcher includes a minimum number of parts in its construction.

A further object of the invention is to provide a fence stretcher having a traveling nut which bears against the ground penetrating post of the stretcher, which post is provided with a series of openings through which the draw bolt, upon which the traveling nut works, may be selectively engaged so that the nut is at all times maintained at a convenient height for manual rotation, regardless of the depth to which the post is sunk into the ground in stony, sandy or various other soils.

With the above objects in view the invention consists in certain novel details of construction and combination of parts herein-after fully described and claimed, it being understood that various modifications may be made in the minor details of construction within the scope of the appended claims.

In the accompanying drawing forming part of this specification:—Figure 1 is a side elevation of a fence stretcher constructed in accordance with my invention. Fig. 2 is a cross sectional view taken on the line 2—2 Fig. 1.

Referring now to the drawing in which like characters of reference designate similar parts, 10 designates a fence fabric and 11 a fence post. Arranged vertically on opposite sides of the fence fabric are clamping strips 12 rectangular in cross section through which bolts 13 are engaged, to draw the clamping strips tight against the fabric. The wire stretcher comprises a ground penetrating post 14 which is provided with a series of openings 15 through which the shank

of a J-shaped draw bolt 16 may be selectively engaged, the bight of this draw bolt being designed to hook over the clamping strips 12. In order to prevent twisting and escape of the clamping strips from the J bolt, the bill of the bolt is formed of a straight portion 16' which extends at a right angle to the shank, and is terminally bent at a right angle to form a straight portion 16'' which extends parallel with the bolt shank, and the free end portion of which is bent at a right angle and extended toward the bolt shank to form a lip 16''' which coöperates with both of the straight portions in conforming to the rectangular outline of the clamping strips and positively prevents escape of the strips during the fence stretching operation. The shank of the draw bolt is threaded, the thread portion being engageable through one of the openings 15 and equipped with a traveling nut 18, which bears against a wear plate 19 bolted or otherwise fixed to the outer face of the post 14. The traveling nut is provided with a pair of radial arms 20 which project from diametrically opposite points of the nut and are equipped with outturned crank handles 21 by means of which the nut may be manually rotated.

In mounting the wire stretcher in operative position, a horizontal bracing timber 22 is arranged to bear with its opposite ends against the fence post and against the ground penetrating post 14, and the ground penetrating post is then driven into the soil until it is rigidly anchored in stationary position. It is clear that in different soils such as sand, stony and the like, it will be necessary to drive the post to various distances to rigidly secure the post against being pulled from the soil during the fence stretching operation. The shank of the draw bolt is now engaged through that particular opening which will permit of comfortable manipulation of the traveling nut, and the bight of the bolt is now engaged over the clamping strips. The traveling nut is then advanced upon the threaded end of the bolt, and rotated continuously until the draw bolt is advanced through the nut and the fence fabric stretched to any desired degree of tautness.

It will be seen that but three principal parts are necessary in the manufacture of this stretcher and that these parts are so ar-

ranged that the comfortable manipulation of the device is assured.

What is claimed, is:—

5 The combination with fence clamping strips of substantially rectangular cross section, of a post having a plurality of perforations, a J-shaped draw bolt slidably mounted in one of the perforations and adapted for engagement with the perforations selectively, said J bolt consisting of a shank having one end provided with screw threads and having its opposite end bent laterally and extending in a straight portion at a right angle to the shank, said straight portion being terminally bent at a right angle and forming a straight portion which extends parallel with said shank, the

last named straight portion having its free end bent at a right angle and extended toward said shank, and forming a lip which coöperates with both of said straight portions in conforming to the rectangular contour of said clamping strips whereby to hold said strips against escape from said draw bolt, and a traveling nut on the screw threaded portion of said shank adapted to abut said post.

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

REAMER ROGERS.

Witnesses:

J. ROBERTS,

J. J. FOREMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."