

(No Model.)

W. J. & E. M. GARRETT.
WIRE STRETCHER.

No. 461,545.

Patented Oct. 20, 1891.

Fig. 1.

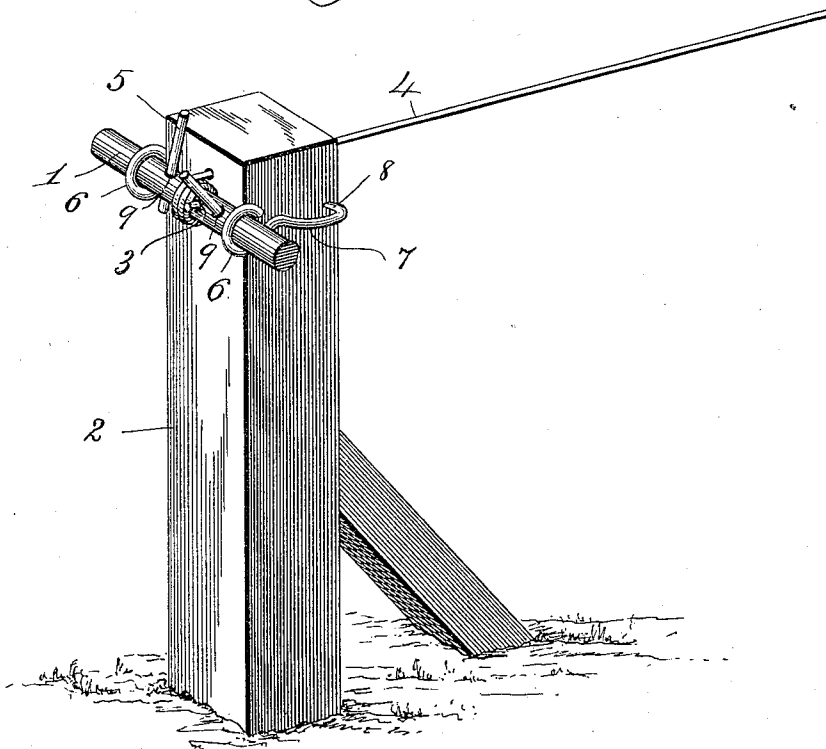
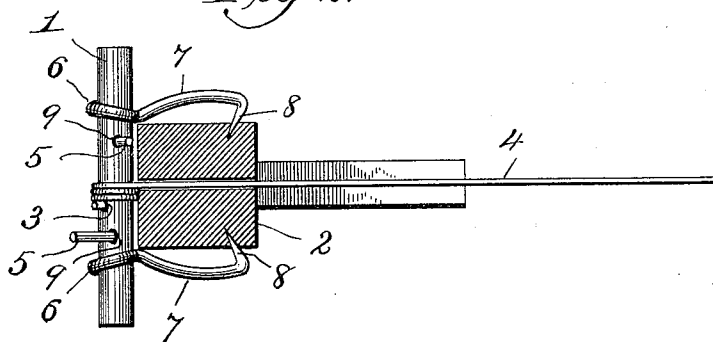


Fig. 2.



Witnesses

Wm. A. Schoenborn.
H. J. Riley

Inventors

William J. Garrett &
Ephraim M. Garrett.

By their Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

WILLIAM J. GARRETT AND EPHRAIM M. GARRETT, OF TEDROW, OHIO.

WIRE-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 461,545, dated October 20, 1891.

Application filed July 28, 1891. Serial No. 400,926. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM J. GARRETT and EPHRAIM M. GARRETT, citizens of the United States, residing at Tedrow, in the county of Fulton and State of Ohio, have invented a new and useful Wire-Stretcher, of which the following is a specification.

The invention relates to improvements in wire-stretchers.

The object of the present invention is to simplify and improve the construction of wire-stretchers, to enable the same to hold a wire in convenient position for stapling or otherwise securing it to a post, and after the operation of stapling or securing it to the post has been completed to enable the wire-stretchers to be removed for the purpose of stretching another wire.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a wire-stretcher, the same being shown applied in operative position to a post. Fig. 2 is a horizontal sectional view.

Referring to the accompanying drawings, 1 designates a round bar, which is journaled on a fence-post 2 and is provided with an opening 3, in which a wire 4 is secured, and the bar 1 is adapted to be turned by rods 5 to tighten the wire 4 and hold the same at any desired tension during the operation of stapling or otherwise securing the wire to the post. The round bar 1 may be tubular or solid, and is journaled in eyes 6 of hooks 7, which are arranged on opposite sides of the post and have their points 8 engaging the same and securing the tightener thereto. The hooks 7 enable the wire-tightener to be readily attached

to a post and arranged at any desired point on the same. They also facilitate ready removal of the wire-tightener, as the latter is not intended to be a permanent fixture of the post. The opening 3, which receives the wire 4, is centrally arranged, and the bar is provided on opposite sides of the central opening with openings 9, which receive the turning-rods 5. The tension of a wire holds the bar and rods tightly against the post and prevents the former turning and loosening the wire while the latter is being secured to the post.

It will be seen that the wire-stretcher is simple and comparatively inexpensive in construction, is adapted to be readily secured to a post to hold a wire at any desired tension during the operation of stapling or fastening, and is capable of being readily removed when the operation of stapling or fastening is completed and of being adjusted to another wire on the post.

What we claim is—

A wire-stretcher comprising the hooks provided at one end with points adapted to engage the sides of the post and having at the other end eyes extending beyond the post, a bar journaled in the eyes and provided with a central wire opening and having openings 9, arranged on opposite sides of the central opening, and the turning-rods arranged in the openings 9, substantially as described.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

WILLIAM J. GARRETT.
EPHRAIM M. GARRETT.

Witnesses:

FRANK JEWELL,
G. W. WALTERS.