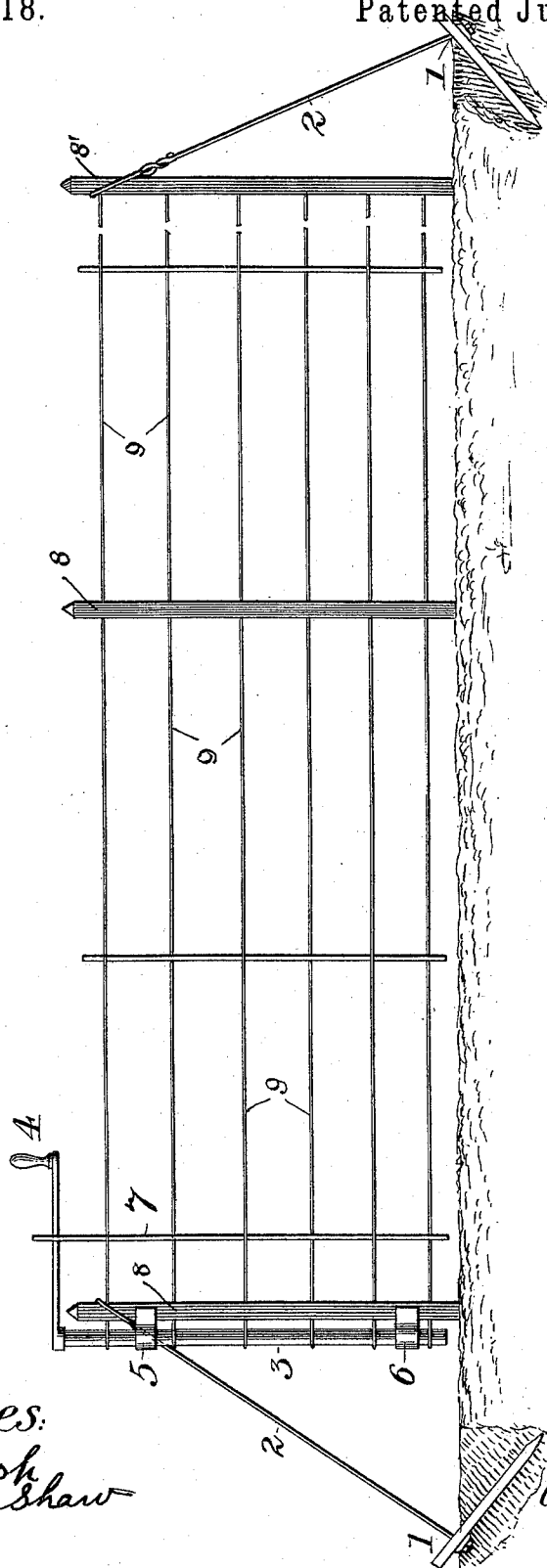


(No Model.)

A. CARPENTER.
WIRE FENCE TIGHTENER.

No. 585,618.

Patented June 29, 1897.



Witnesses:

John Bish
George W. Shaw

Inventor.

Abel Carpenter

UNITED STATES PATENT OFFICE.

ABEL CARPENTER, OF ENTERPRISE, OHIO.

WIRE-FENCE TIGHTENER.

SPECIFICATION forming part of Letters Patent No. 585,618, dated June 29, 1897.

Application filed February 23, 1897. Serial No. 624,748. (No model.)

To all whom it may concern:

Be it known that I, ABEL CARPENTER, a citizen of the United States, residing at Enterprise, in the county of Hocking and State of Ohio, have invented certain new and useful Improvements in Wire-Fence Tighteners; 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, reference being had to the accompanying drawing, and to the reference-characters marked thereon, which forms a part of this specification.

My invention relates to a wire-fence tightener; and the object is to provide a simple, cheap, and effective device of this character.

To this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claim.

The figure in the drawing is a side elevation of a section of a wire fence with my improved wire-stretcher in position.

1 1 represent suitable stakes firmly inserted in the ground and in line with the fence.

8 8' represent the usual fence-posts, and 2 2 represent diagonal brace-rods, the looped ends of which encompass the upper ends of the fence-posts, and their lower ends are secured in the stakes 1 1 by nuts, as shown.

9 9 represent the horizontal parallel fence-wires, one end of each fence-wire being fixed to the post 8', and its opposite end, after passing through an alined orifice in the post 8, is inserted in a corresponding orifice in the vertical cylindrical shaft 3, mounted in the bearing-blocks 5 and 6, interposed between the

post 8 and said shaft. This shaft is provided with a crank-handle 4, by means of which it is rotated to wind the fence-wires taut, and when they are properly stretched they are retained in this position by means of the vertical bar 7, which is interlocked with the fence-wires and which engages the crank-handle, as shown, to prevent its turning backward.

Although I have specifically described the several elements of my invention and their relative arrangement, I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

A wire-fence tightener comprising the fixed fence-posts 8 8', the fixed stakes 1 1, and the diagonal brace-rods 2 2, connecting said posts and stakes, in combination with the horizontal parallel fence-wires fixed at one end to the post 8' and extending through alined orifices in the post 8, the cylindrical shaft 3, arranged to engage the free ends of said fence-wires and provided with the integral crank-handle 4, the bearing-blocks 5 and 6 interposed between said shaft and post 8, and the vertical bar 7, detachably secured in said fence-wires and having its upper end projecting into the path of said crank-handle 4, substantially as shown and described.

ABEL CARPENTER.

Witnesses:

JOHN RISH,

GEORGE H. SHAW.