

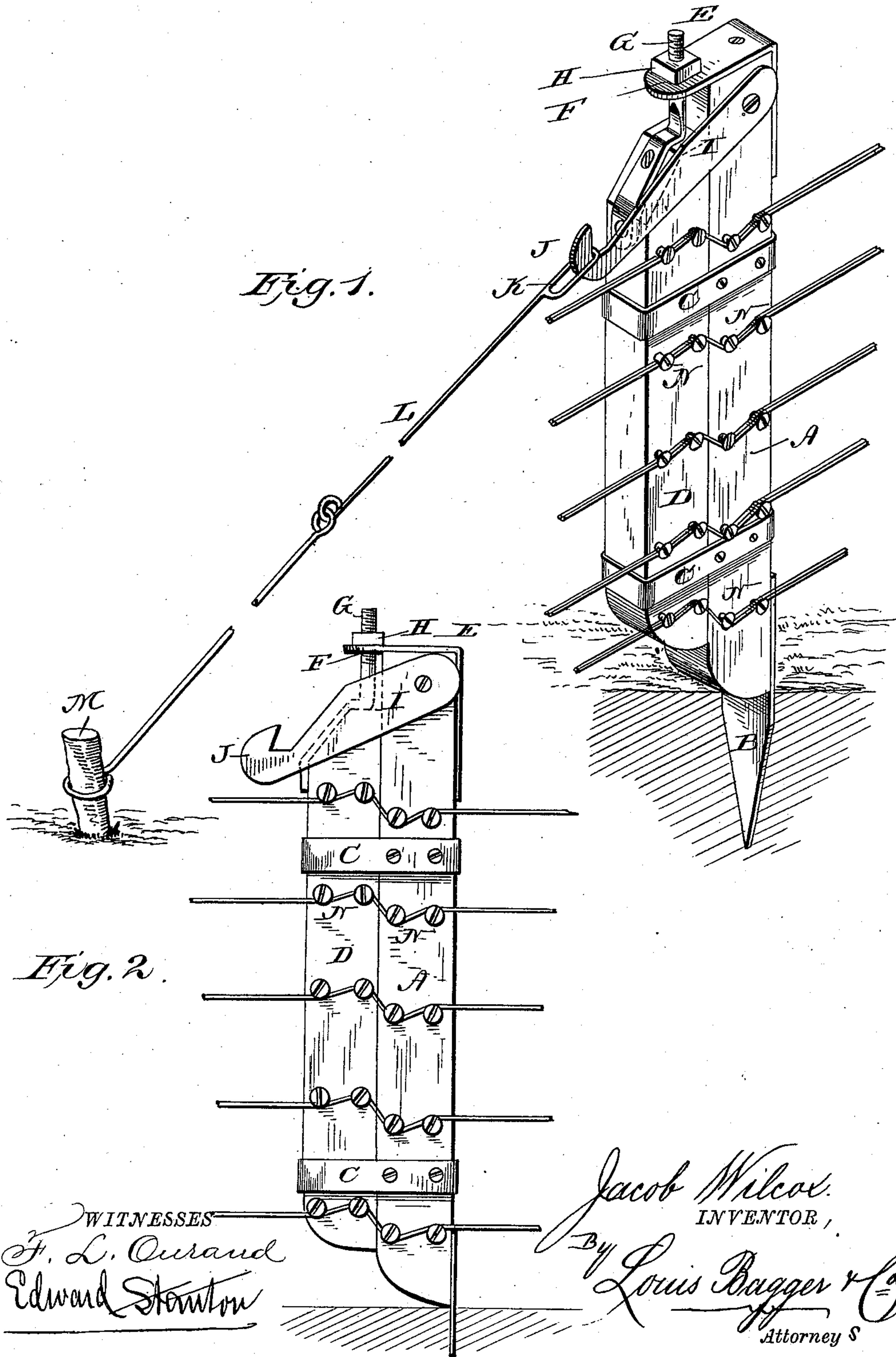
(No Model.)

J. WILCOX.

TENSION DEVICE FOR WIRE FENCES.

No. 352,845.

Patented Nov. 16, 1886.



UNITED STATES PATENT OFFICE.

JACOB WILCOX, OF PLAIN CITY, OHIO.

TENSION DEVICE FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 352,845, dated November 16, 1886.

Application filed August 13, 1886. Serial No. 210,808. (No model.)

To all whom it may concern:

Be it known that I, JACOB WILCOX, a citizen of the United States, and a resident of Plain City, in the county of Madison and State of Ohio, have invented certain new and useful Improvements in Tension Devices for Wire Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a view showing my improved tension device for building wire fences in operation, and Fig. 2 is an enlarged view of the device detached.

Similar letters of reference indicate corresponding parts in both the figures.

My invention has relation to devices for regulating the tension upon the wires in building wire fences; and it consists in the improved construction and combination of parts of a device, by means of which the tension upon all the wires may be regulated simultaneously and in the same degree, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates a post having a sharp-pointed flat bar, B, secured at its lower end, for the purpose of driving it into the ground, securing the post, and this post is provided with stirrups or loops C C, projecting rearward, in which a post, D, slides, bearing with one side against the side of the rigid upright. The upper end of the rigid upright is provided with a rearwardly-projecting bracket, E, having a perforation, F, in its outer end, and a screw-threaded rod, G, secured to the upper end of the sliding post passes through the perforation in the bracket, and has a nut, H, upon it, bearing against the upper side of the bracket. A bar, I, is pivoted upon the side of the rigid upright near the upper end, and the outer end of this bar is formed into a hook, J, which engages an eye, K, upon a brace-rod, L, having a stake, M, inserted through its lower end, the said stake being driven into the ground.

The sides of the posts are provided each with a series of transverse pairs of studs or screws,

N, arranged transversely in horizontal rows, and these rows of studs register with the wires in the fence to be built, the wires passing from their spools over and under the studs in zigzag lines, under one stud and over the adjoining stud, and so forth.

It will be seen that the wires will be more or less bent as the sliding post is drawn upward by means of the nut, which may be tightened down upon the screw-threaded rod or be screwed upward upon the same, drawing the sliding post up or down, and the tension upon the wires may be thus increased and decreased simultaneously upon all the wires, according to the tension desired for the machine or tool used in making the fence.

When the fence is made up to the tension device, the wires are secured to a post by means of staples, and the rigid post is moved to another point in the line of the fence, the wires being again placed in position upon the studs and the sliding rod being drawn up to give the desired tension.

This tension device may be used with all kinds of machines and tools for building wire fences, and may be used in machines where the wires are twisted around each other, forming loops for the stakes or pickets, or in building fences simply with wire strands and posts.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a tension device for wire fences, the combination of a rigid post, having a series of pairs of studs upon its side, with a post sliding upon the rigid post and having a registering series of pairs of studs upon its side, and having means for moving it longitudinally upon the post and for adjusting it there, as and for the purpose shown and set forth.

2. In a tension device for wire fences, the combination of a rigid post having a flat pointed bar at its lower end, and having rearwardly-projecting loops or stirrups and a rearwardly-projecting perforated bracket at its upper end, a hook-shaped bar pivoted to the upper end of the post, a brace-rod secured to the hook-shaped bar and to a stake in the ground, a post sliding in the loops or stirrups upon the rigid post, and having a screw-

threaded rod at its upper end projecting through the perforation of the bracket, and provided with a nut, and series of pairs of transverse registering studs upon the sides of the rigid post and of the sliding post, as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my

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

JACOB WILCOX.

Witnesses:

C. F. DUTTON,
JAMES O'HARE.