

No. 889,880.

PATENTED JUNE 2, 1908.

H. H. & H. C. HARRIS.
WIRE FENCE CLAMP.
APPLICATION FILED NOV. 27, 1907.

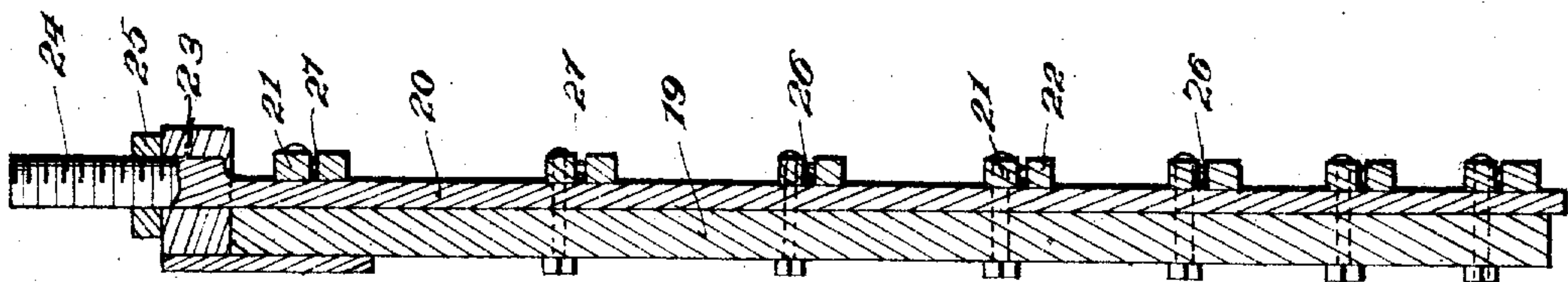


Fig. 3.

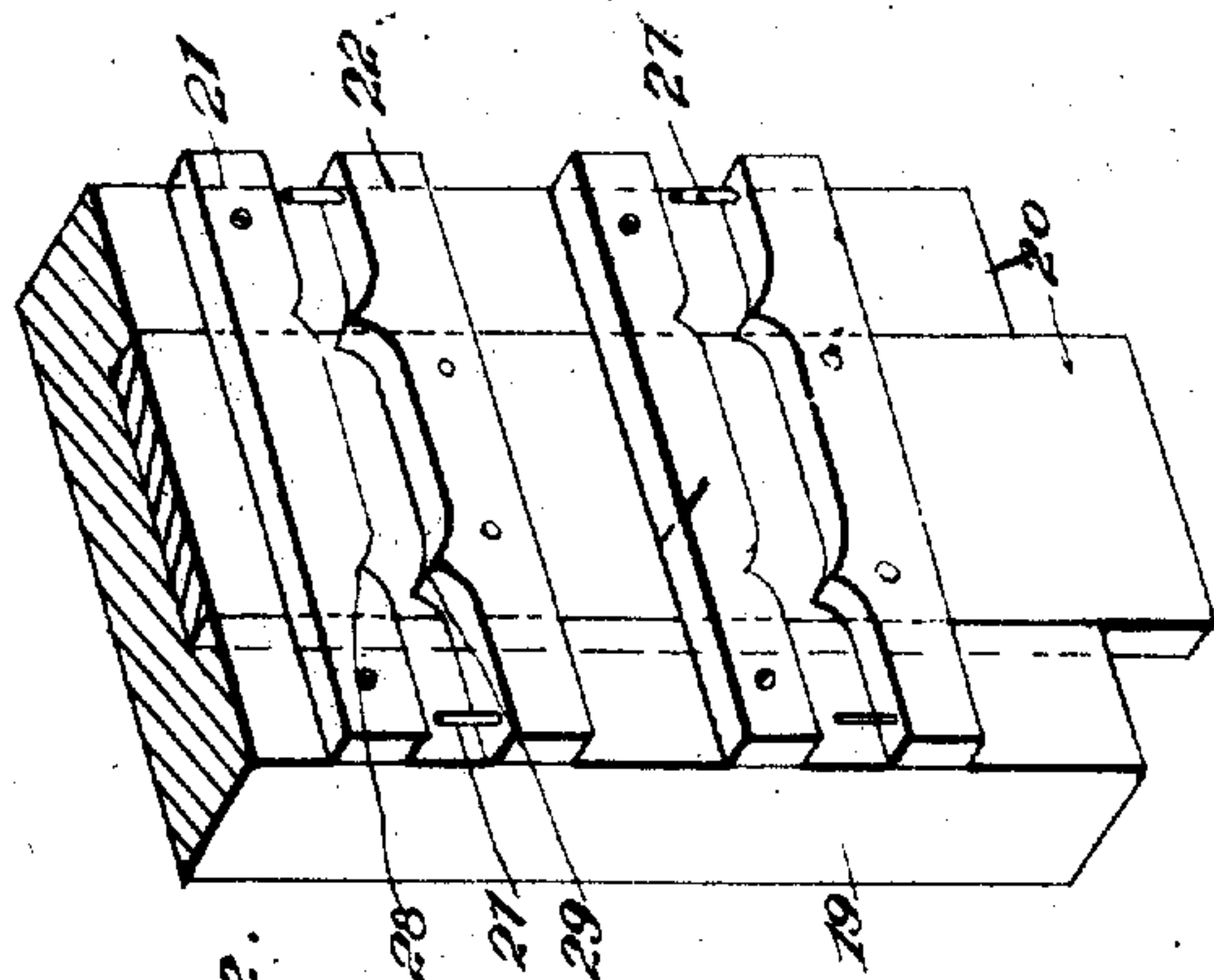


Fig. 2.

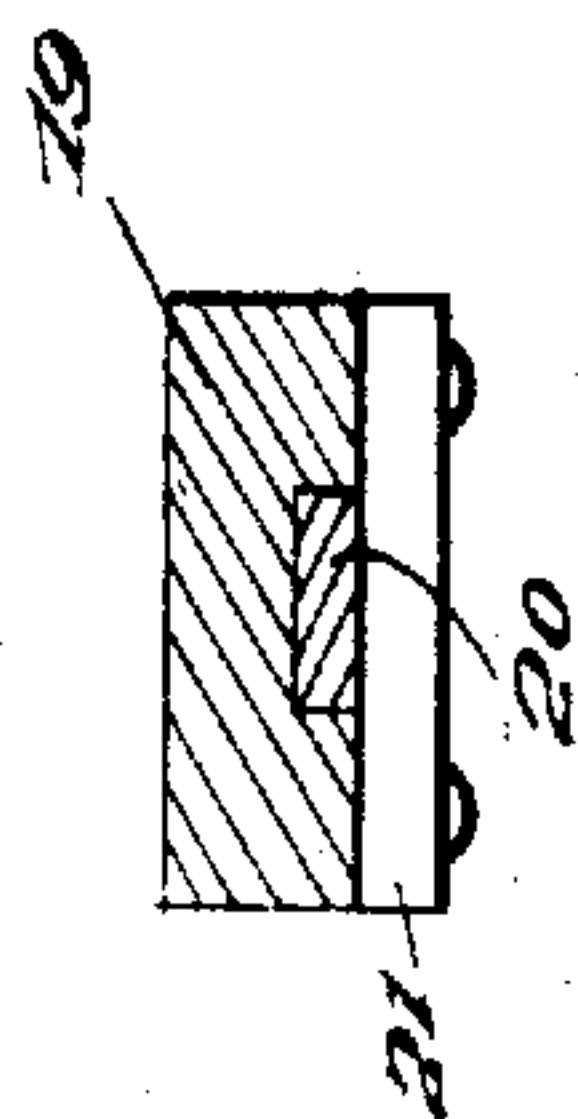


Fig. 4.

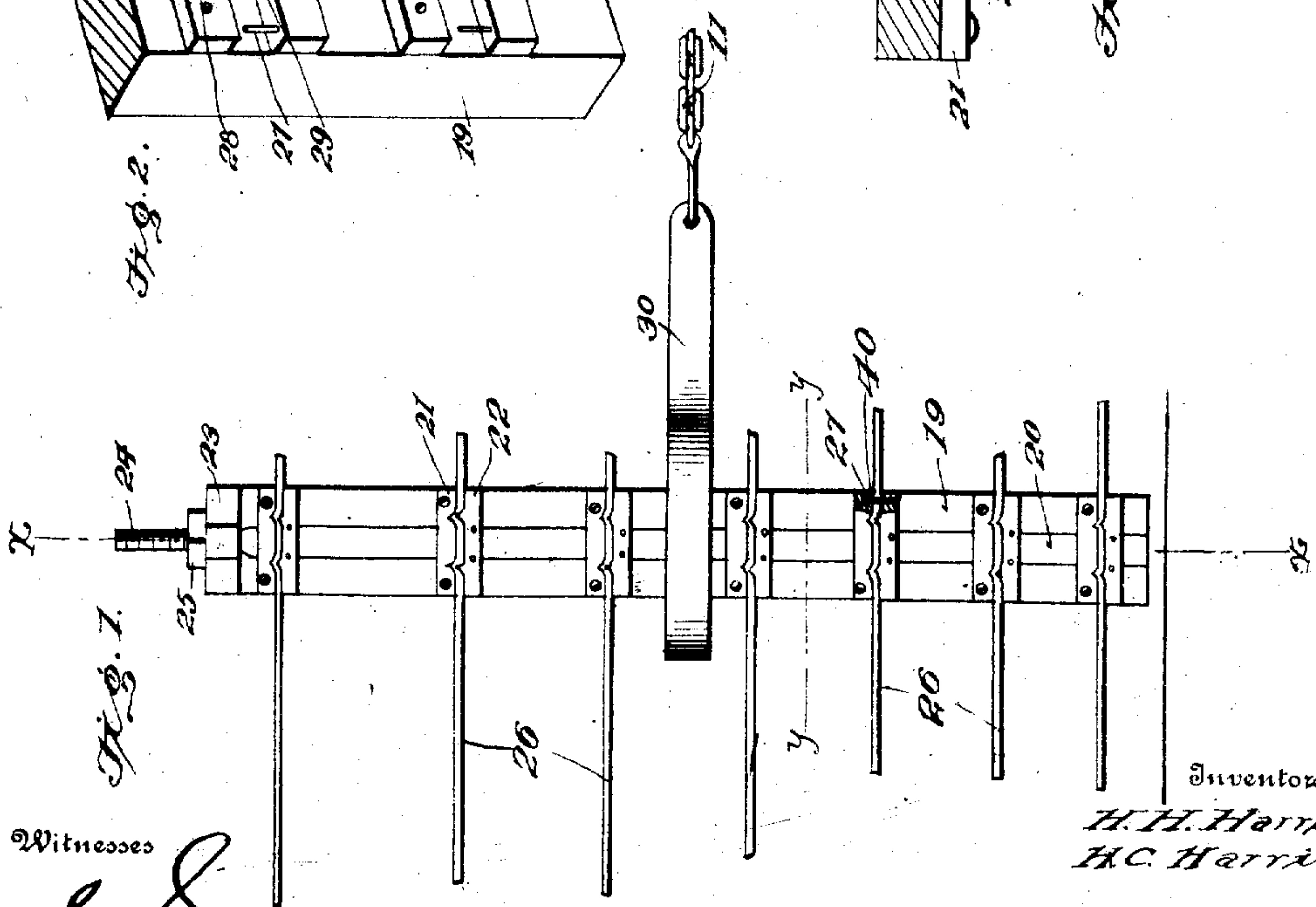


Fig. 1.

Witnesses

W. H. Anderson

Inventors

H. H. Harris.
H. C. Harris.

By

W. H. R. Racy, Attorneys

UNITED STATES PATENT OFFICE.

HARVEY H. HARRIS AND HENRY C. HARRIS, OF COWGILL, MISSOURI, ASSIGNORS OF ONE-HALF TO LAURA F. HARRIS AND THOMAS S. HARRIS, OF COWGILL, MISSOURI.

WIRE-FENCE CLAMP.

No. 889,880.

Specification of Letters Patent.

Patented June 2, 1908.

Application filed November 27, 1907. Serial No. 404,080.

To all whom it may concern:

Be it known that we, HARVEY H. HARRIS and HENRY C. HARRIS, citizens of the United States, residing at Cowgill, in the county of Caldwell and State of Missouri, have invented certain new and useful Improvements in Wire-Fence Clamps, of which the following is a specification.

The present invention relates to appliances for use in connection with a construction of wire fences and deals more particularly with means for clamping the ends of runner wires during the stretching operation of the fence preliminary to securing the same to the posts or supports, being a division of our application filed August 3, 1907, Serial No. 386,957, for wire stretcher.

The invention consists of the novel features, details of construction and combinations of parts which hereinafter will be more particularly set forth, illustrated and finally claimed.

In the drawings hereto attached forming a part of the specification: Figure 1 is a front view of a wire fence clamp embodying the invention, and showing the same as it will appear when in operation. Fig. 2 is a perspective view of the clamp, parts being broken away. Fig. 3 is a vertical section of the upper portion of the clamp on the line $x-x$ of Fig. 1. Fig. 4 is a horizontal section on the line $y-y$ of Fig. 1.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The clamp comprises, essentially, two members 19 and 20 and cooperating jaws 21 and 22, said jaws being fast to the respective members 19 and 20. The members 19 and 20 have a relative longitudinal movement, the member 19 being grooved or channeled to receive the member 20 and the latter being held in the groove or channel by means of the jaws 21 which extend over the open side of said groove or channel and are attached to the member 19 upon opposite sides of the said groove or channel. A cap or cross piece 23 is fitted to one end of the member 19 and is apertured to receive a threaded extension 24 of the member 20, a nut 25 being fitted upon said threaded extension 24 and engaging with the cap or cross piece 23 to effect longitudinal movement of the member 20 so as to effectually close the

jaws 21 and 22 and grip the fence wires 26 or like parts that may be placed between them.

To prevent slipping of the fence wires 26, the jaws 21 and 22 have crimping portions upon their gripping faces so as to crimp the portions of the fence wires 26 clamped between them. Pins 27 project from one of the jaws, as 22, and are adapted to enter openings 40 in the other jaw 21 and engage with the fence wires 26 and prevent outward displacement thereof. To effect crimping of the fence wires, one of the jaws is formed with depressions 28 and the companion jaw with corresponding projections 29, the depressions 28 and projections 29 mating. After the fence clamp has been fitted to the fence to be stretched, it is connected to the chain or flexible connection 11 by means of a clevis hitch 30, the same consisting of similar members pivoted at one end and separable at their opposite ends and adapted to receive between them the fence clamp, the free ends of said clevis or hitch members being apertured to receive a hook or like engaging device of the chain or flexible connection 11.

In the practical operation of the invention, the clamp, after being secured to the fence wires 26, is moved by any means to subject said wires or fence to tension and for convenience the clevis hitch 30, after being fitted to the clamp, is drawn upon by suitable means applied to the flexible connection 11.

All the fence wires may either be gripped or released at one time by proper manipulation of the clamp nut 25, which when turned in one direction upon the threaded stem 24, moves the members 19 and 20 of the clamp to advance the jaws 21 and 22, thereby securing the wires 26 and upon turning said clamp nut in the opposite direction the jaws 21 and 22 separate and relax their grip upon the wires 26, as will be readily understood.

Having thus described the invention, what is claimed as new is:

1. A fence clamp comprising relatively movable members, cooperating jaws secured to the respective members, and pins adapted to extend across the space formed between the jaws to retain the wire or like part to be subjected to tension from casual displacement from between the said jaws.

2. In a fence clamp, the combination of a member having spaced portions, a cooperating member arranged between said spaced portions, jaws spanning the space between the

spaced portion of the first member and secured thereto, cooperating jaws secured to the member arranged between said spaced portions, and means for positively moving the two members to effect movement of the jaws towards or from one another.

3. A fence clamp comprising a member having a groove, a second member slidably mounted in said groove, jaws secured to the first member upon opposite sides of the groove formed therein, cooperating jaws secured to

the slidable member, and means for moving the slidable member in the groove either to cause the jaws to open or close.

In testimony whereof we affix our signatures in presence of two witnesses.

HARVEY H. HARRIS. [L. s.]

HENRY C. HARRIS. [L. s.]

Witnesses:

P. S. SHELENBERGER,

J. E. KELLEY.