

(Model.)

J. H. GOCHENOUR.

WIRE AND PICKET FENCE MACHINE.

No. 418,561.

Patented Dec. 31, 1889.

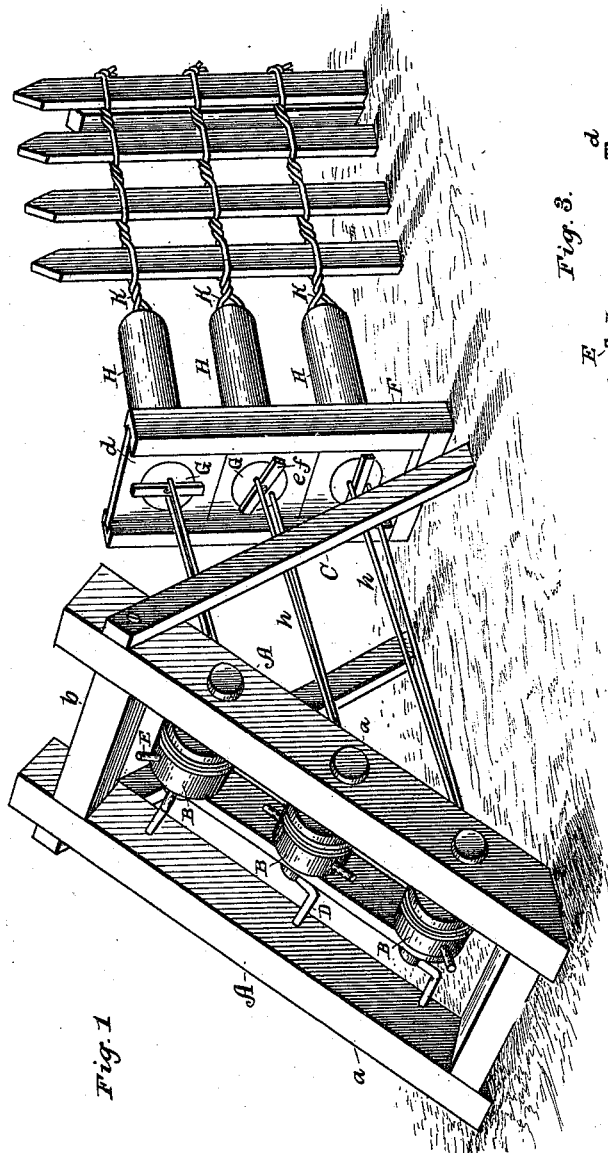


Fig. 1

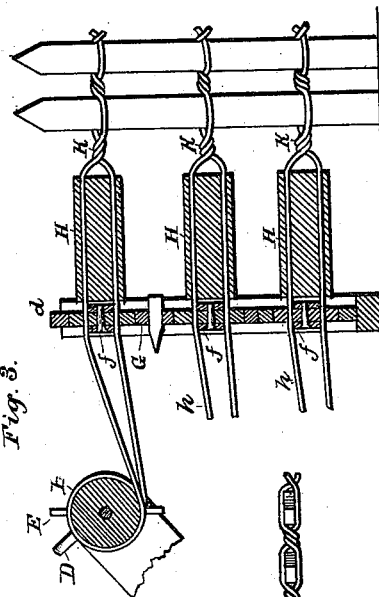


Fig. 3.

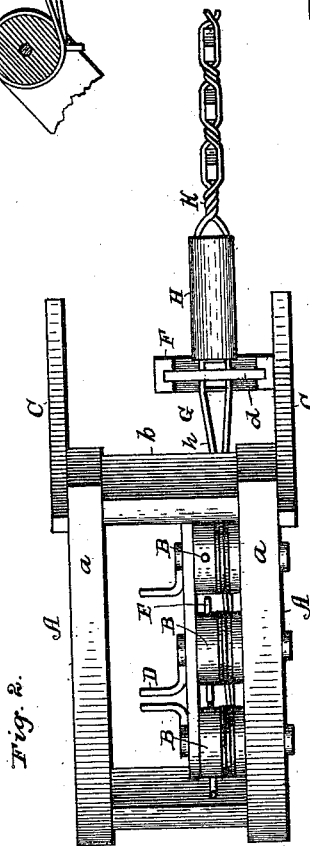


Fig. 2.

Attest.

Victor J. Evans.
G. S. Randall

Inventor.

Jacob H. Gochenour
Robt. Atton & Co.
Attys.

UNITED STATES PATENT OFFICE.

JACOB H. GOCHENOUR, OF HERMITAGE, VIRGINIA.

WIRE-AND-PICKET-FENCE MACHINE.

SPECIFICATION forming part of Letters Patent No. 418,561, dated December 31, 1889.

Application filed May 29, 1889. Serial No. 312,587. (Model.)

To all whom it may concern:

Be it known that I, JACOB H. GOCHENOUR, a citizen of Hermitage, county of Augusta, State of Virginia, have invented a new and useful Improvement in Devices for Making Combined Picket-and-Wire Fences, of which the following specification is a full, clear, and exact description.

My invention relates to improvements in devices for constructing wire-and-picket fences; and it consists in the combination of parts herein set forth and claimed.

Figure 1 represents a perspective view of the device for making picket-and-wire fences embodying my invention. Fig. 2 represents a top or plan view of the device shown in Fig. 1. Fig. 3 represents a longitudinal sectional view of the gage and twisters.

Similar letters represent similar parts in the different views.

A represents a frame, consisting of two inclined beams *a*, securely connected together by the horizontal cross-bars *b*, and having pivoted thereto the bars *c*, by means of which the frame can be raised or lowered, as desired. Each of the drums B has at one end a journal bearing in one of the side beams *a*, the bearing of the other end of the said drums being in a strip C, of springy wood or other suitable material, which is not connected with the frame A. On the ends of the journals having bearings in the strip C are clamps D, adapted to screw on the outer end of said journals, and thereby tighten the strip C, against the drum, thus increasing the friction of the same when rotating.

E represents studs or handles on the drum for turning or rotating the same.

F represents a gage formed of side pieces *d* and movable sections *e*, the sections being adapted to move in grooves in the side pieces, so that they may be raised or lowered, as desired. Secured in the sections *e* by means of bars *f* are the rotary disks G, the latter having the holes or openings *h* therein. The twisters H are preferably of cylindrical form, with longitudinal openings *k*. (See Fig. 4.)

The operation of the device is simple and easily understood. The wire is first passed through the disks of the gage and then through the twisters, the frame A being set in place and the sections of the gage being adjusted so that the wire is at the desired height. If needed, pins or pegs may be placed

between the sections *e*, to give increased distance between the wires. The ends of each pair or set of wires are secured and a picket placed in position between the wires. The twister is then rotated so as to bind the picket in place. Several revolutions of the twister may be made, thus securing a firm twist of wire. The next picket is then placed between the wires and the twisters are turned, but this time in a reverse direction, thus making twists to hold the picket, and at the same time untwisting the twists previously made between the gage and drums. The twisters are rotated in opposite directions in securing each alternate picket, so that the wire to be used is kept in proper condition. If the drums work too freely on their journals, they can be adjusted by means of the clamps D, so that increased tension may be given to the wires. Owing to the rotary disks G the wire is kept from twisting between the gage and the twisters, thus utilizing the space between the gage and the drums for the twists, which are at each alternate operation of the twister to be untwisted.

A device constructed as described is simple in character, of few parts, and easily operated.

What I desire to claim and secure by Letters Patent is—

1. The combination of a frame with inclined sides, drums journaled therein, a tension device for said drums, an adjustable gage, and a twister, substantially as described.

2. In a device of the character described, a gage consisting of side pieces and sections, said sections having rotary disks with openings, said parts being combined substantially as described.

3. The combination of a frame with inclined sides, drums journaled on one of said sides, a tension device for each of said drums, a vertical gage formed in sections, each having a rotary disk with openings therein, and a twister, substantially as described.

4. In a device of the character described, a gage with movable sections, having rotary disks with openings, and twisters having longitudinal openings, said parts being combined substantially as described.

JACOB H. GOCHENOUR.

Witnesses:

JAMES PHILLIPS,
JOHN CROSBY.