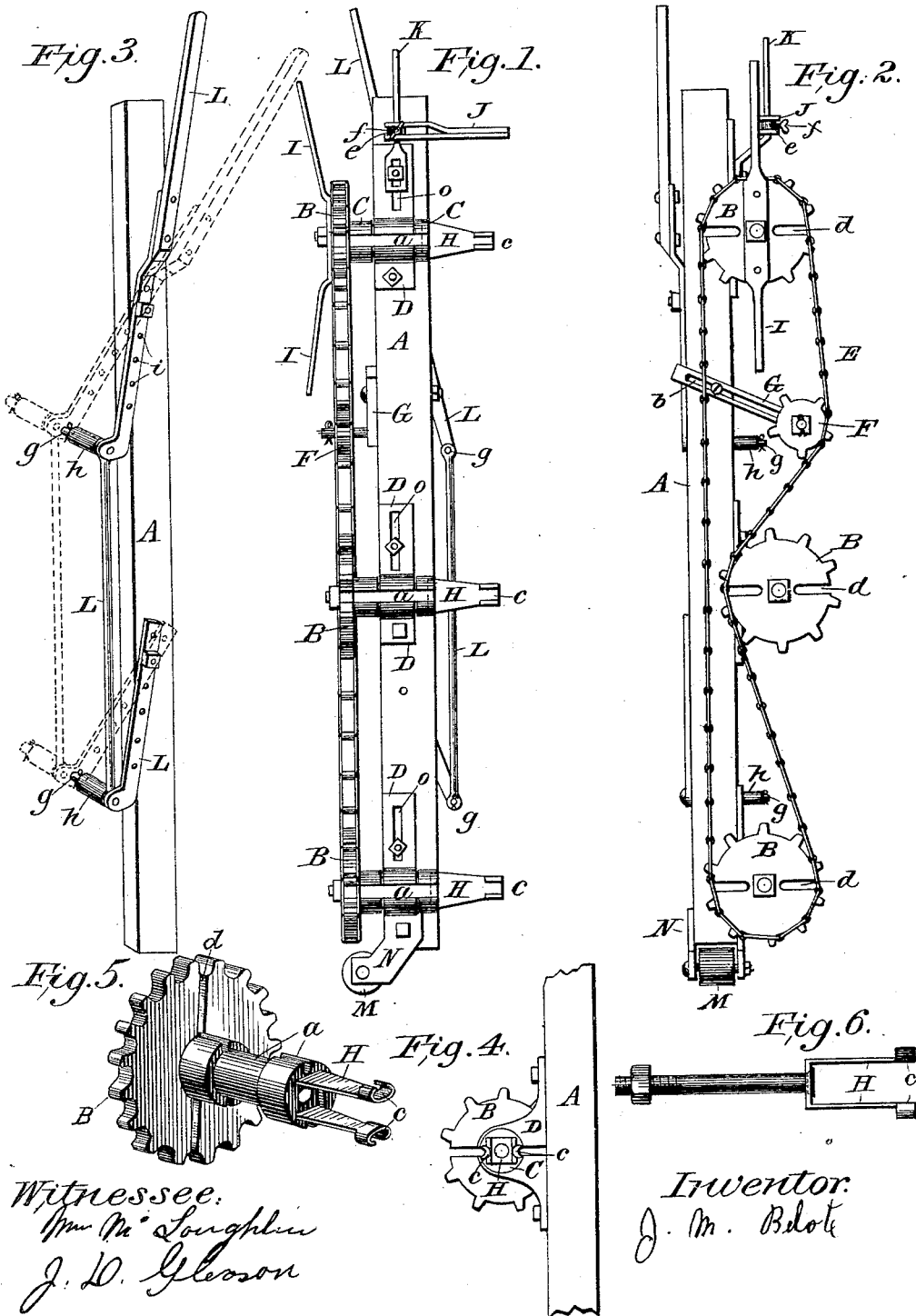


(No Model.)

J. M. BELOTE.
WIRE AND PICKET FENCE MACHINE.

No. 419,136

Patented Jan. 7, 1890.



UNITED STATES PATENT OFFICE.

JEFFERSON M. BELOTE, OF GREENFIELD MILLS, INDIANA.

WIRE-AND-PICKET-FENCE MACHINE.

SPECIFICATION forming part of Letters Patent No. 419,136, dated January 7, 1890.

Application filed September 14, 1889. Serial No. 323,968. (No model.)

To all whom it may concern:

Be it known that I, JEFFERSON M. BELOTE, a citizen of the United States, residing at Greenfield Mills, in the county of La Grange, State of Indiana, have invented a new and useful Wire-and-Picket-Fence Machine, of which the following is a specification.

My invention relates to improvements in wire-and-picket-fence machines for securing pickets at regular intervals on a series of wires stretched for that purpose by twisting the latter; and the objects of my invention are, first, to construct a fence of wire and pickets without cutting or detaching the wires or removing the machine therefrom on account of splices in the wires; second, to level perfectly the tops of the pickets without delay, and, third, to move the machine regularly the proper distance to insert each picket.

The nature and details of the invention will be clearly set forth, and the claims definitely stated, reference being had to the accompanying drawings.

Figure 1 is a view of the machine as set for work. Fig. 2 is a rear view. Figs. 3, 4, 5, and 6 are detail views.

Similar letters refer to similar parts throughout the several views.

A represents a light scantling, which constitutes the standard of the machine, carrying the cog-wheels B by means of the shafts C, turning in the hangers D, which are made of two pieces, the upper ones furnished with a slot *a* and adjustable by bolts and nuts.

E is an endless chain engaging the cog-wheels B and also the smaller cog-wheel F, turning on a shaft mounted on the hanger G and adjustable by means of the slot *b*, and which is used to regulate the tension of the chain E.

H is the twister, formed of a metal block set in the end of the shaft C, with two standards projecting therefrom, terminating in the grooves *c*, which, together with the slots *a* and *d* in the shafts C and wheels B, constitute the openings for engaging the wires.

I are metallic handles secured to the upper wheel B and used to work the machine.

J is a gage or leveler vertically adjustable on the rod K by means of the collar *e* and the set-screw *f*.

L is a compound lever working on the standard A, furnished with pins *g*, carrying friction-rollers *h*.

M is a wheel or roller secured to the bottom of the standard A, and revolving on hangers N to facilitate the passage of the machine when in contact with the surface of the ground.

To place the machine in position, the wires, being first suitably stretched, are inserted in the grooves *c* and the slots *a* and *d*, thus suspending the machine on the wires. The operation of constructing the fence consists of placing a picket between the wires, and then turning the wheels B by means of the handles I and the endless chain E. After the picket is secured the machine is pushed over the required interval for the next picket by the movement of the lever L, pressing the rollers *h* against the last picket adjusted. The distance traversed is regulated by the aperture in the lever L. The pickets are leveled by the top of each being set up against the adjustable gage J, which can be moved laterally to permit the introduction of the picket between the wires from above. When the machine arrives at a splice on the wire it can be passed over by turning the wheel B downward sufficiently to permit the splice to be slipped out between the slot *d* and the chain E. The machine is pushed forward past the splice, the wire is reinserted, and the work proceeds without moving the machine off or cutting the wire.

Having thus shown my machine to be practicable in detail and operative for the purpose designed, what I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in a wire-and-picket-fence machine, of the wheels B, having slot *d*, with handles I, the shaft C, having slot *a*, and the twister H, having the terminating grooves *c*, all substantially as set forth.

2. In a wire-and-picket-fence machine, the combination of the gage J and the rod K, with the collar *e* and set-screw *f*, as shown, and for the purpose described.

JEFFERSON M. BELOTE.

Witnesses:

AMOS LONG,
JOHN LONG.