(No Model.)

J. ULRICH.

DEVICE TO BE USED IN CONSTRUCTING FENCES.

No. 313,634. Patented Mar. 10, 1885.

Fig. 1.

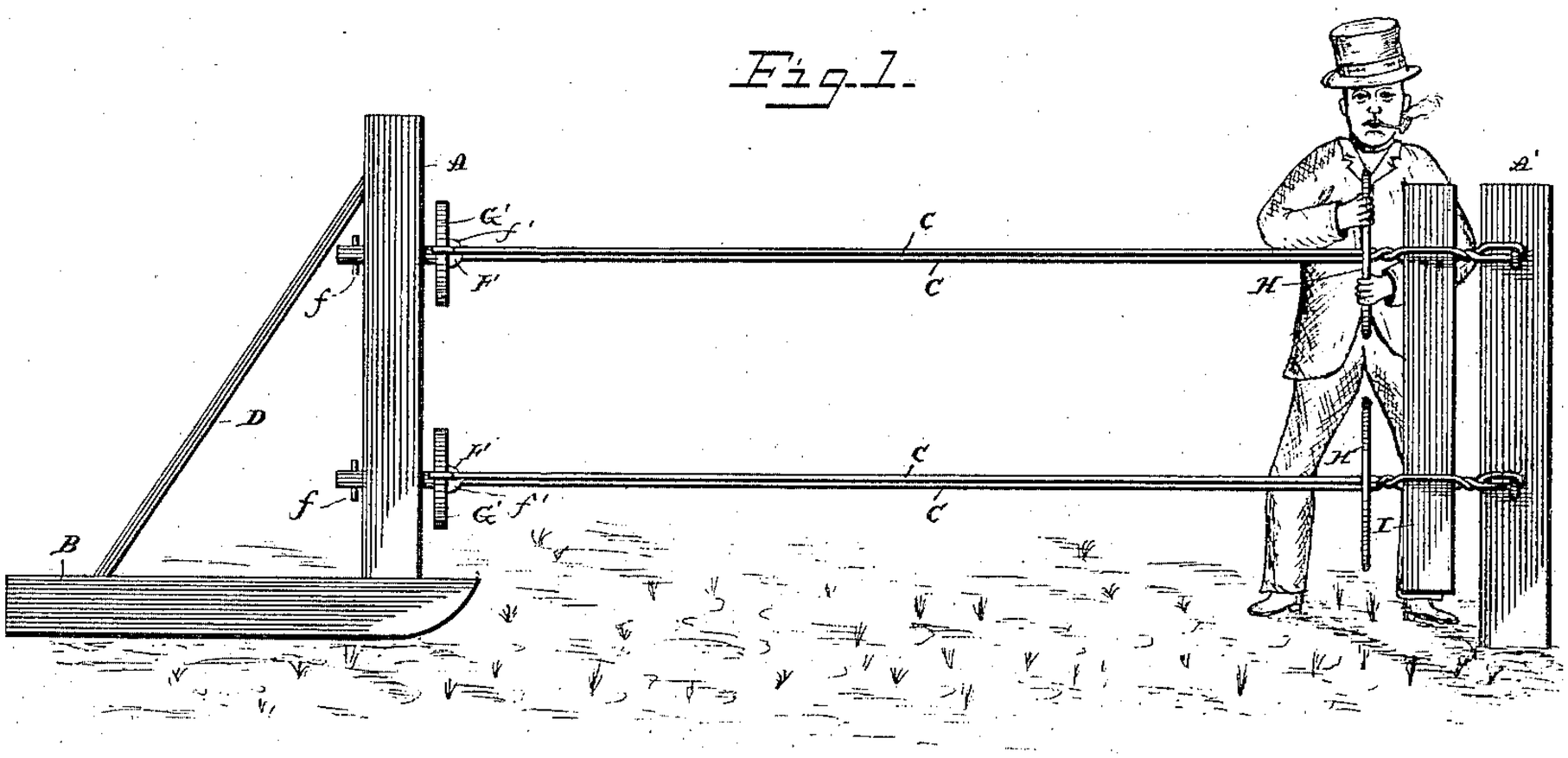


Fig. 2.

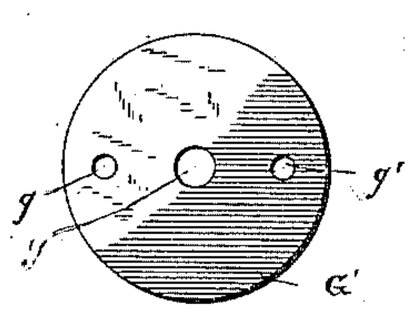


Fig. 3.

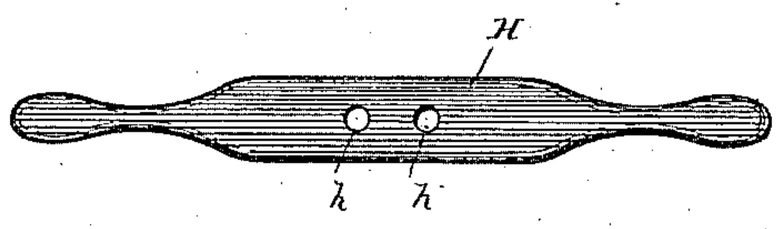
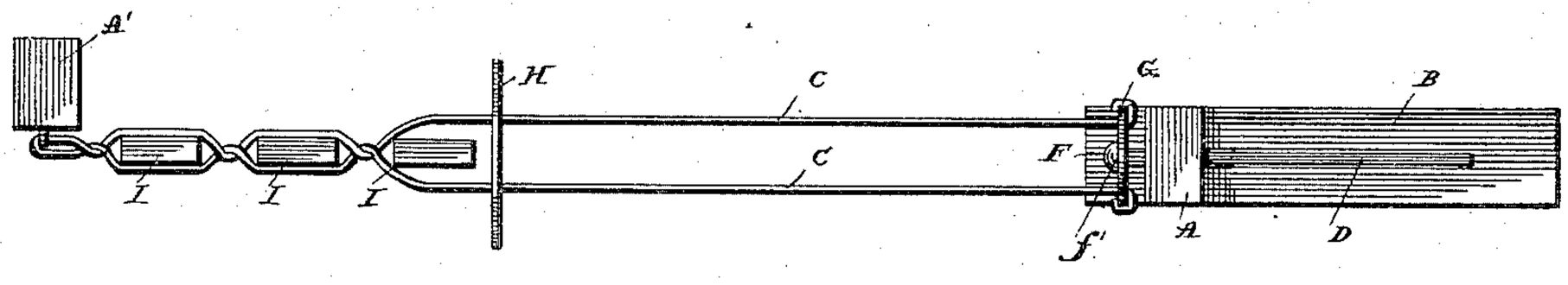


Fig. 4.



WITNESSES

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DEVICE TO BE USED IN CONSTRUCTING FENCES.

SPECIFICATION forming part of Letters Patent No. 313,634, dated March 10, 1885.

Application filed February 9, 1885. (No model.)

To all whom it may concern:

Be it known that I, JACOB ULRICH, a citizen of the United States, residing at Huntington, in the county of Huntington and State of Indiana, have invented certain new and useful Improvements in Devices to be Used in Twisting Wire in Constructing a Fence, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in devices to be used in twisting wires in constructing a fence wherein the panels are composed of vertical pickets secured to each other and to the posts of the fence by horizontal wires twisted together, and has for its object to facilitate the construction of this class of fence in a simple, cheap, and expeditious manner by mechanism which may be carried from one point to another at small expense and but little trouble. This object is attained by the devices illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of the twisting device, a fence-post planted in the ground, the wires stretched in position to receive the pickets, and a fence-builder in the act of securing a picket which has been placed between the two wires. Fig. 2 is a detached view of one of the wheels which hold and support the wires while being twisted together. Fig. 3 is a detailed view of the handle by means of which the wires are twisted. Fig. 4 is a plan view, and indicates the top of a fence-post, the wires secured thereto, and several pickets, I, between the wires, as well as the twisting devices in the proper position for use.

The letter A indicates a post mounted upon a runner or base piece, B, one end of which is rounded upwardly after the manner of a sled, in order to permit its being drawn more easily over the surface of the ground, so as to be more readily moved from one place to another. A diagonal brace, D, of stout wire, extends from near the top of the post A to the after portion of the runner B, said wire D being firmly attached to both the post A and runner B, whereby the post A is maintained in a perpendicular position to the runner or base B, and is better enabled to stand the strain which is brought upon the post when the device is in use in twisting wires C. The post A has two openings, one near the top and the other near the bottom, for the passage of pins or bolts F, which turn freely therein. These pins have rounded heads f', which prevent the washers or wheels G from slipping off when placed thereon. Transverse pins f pass through the rear ends of the bolts F, and prevent their slipping out of the openings in the post A. When these pins are removed from the bolts F, the latter may be withdrawn from the post A. The washers or wheels G are provided with a central opening, g, for the passage of the bolts F, upon which they revolve freely; also, with smaller openings g', one of which is placed on each side of the central opening, g. The holes g' are for the passage of the wires C, and furnish a means whereby the wires C may be attached to the wheels G.

The letters I indicate the pickets of a fence, and A′ a fence-post.

H is a handle or twister having two holes, h, placed a short distance apart, for a purpose hereinafter described.

In building a fence a post A′ is planted in the ground. The wires are then fastened to it. Then the wires C are passed through the holes h in the twister H, then through the holes f in the wheel G. Then the runner B with its post A are carried ahead on the line of the proposed fence as far as may be desired. The wires C are then stretched and fastened in the openings f' of the wheel G. The twister H is then given one or two turns in the same manner that the handle of an auger would be turned, which causes the two wires C to be twisted together near the post A′. A picket, I, is then placed between the two wires C, when the fence-builder gives the twister H one or two turns more, and thus secures the picket in its place. This operation is repeated until all the pickets are secured in their respective positions. As the wheels G turn freely upon the bolts F while the twister H is being turned, the wires C ahead of the fence-builder are prevented from becoming entangled.

Having described my invention, what I desire to secure by Letters Patent, and claim, is—

1. The post A, base B, and diagonal braces

D, in combination with wheels G, having openings *g* and *g'*, and bolts F, having heads *f'* and pins *f*, as described, and for the purposes set forth.

2. The combination of a post and runner, of bolts secured thereto, of wheels adapted to revolve thereon, provided with openings whereby the wires of a fence may be secured thereto, and a twister provided with openings to receive said wires, as described, and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JACOB ULRICH.

Witnesses:
MICHAEL W. MOORE,
NORMAN A. MYERS.