

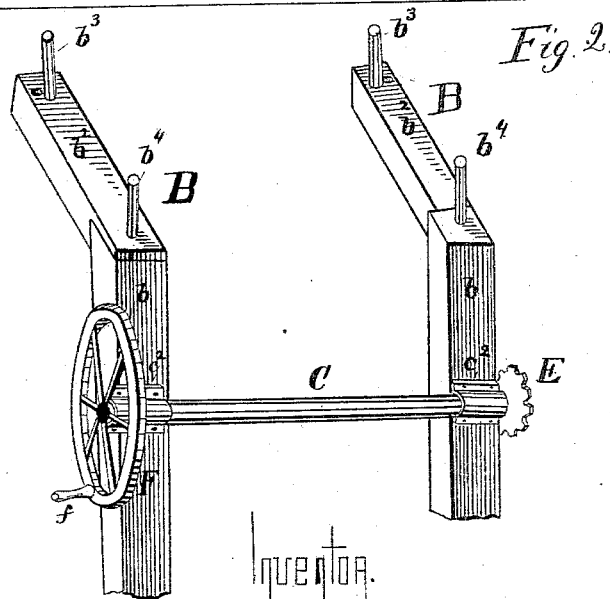
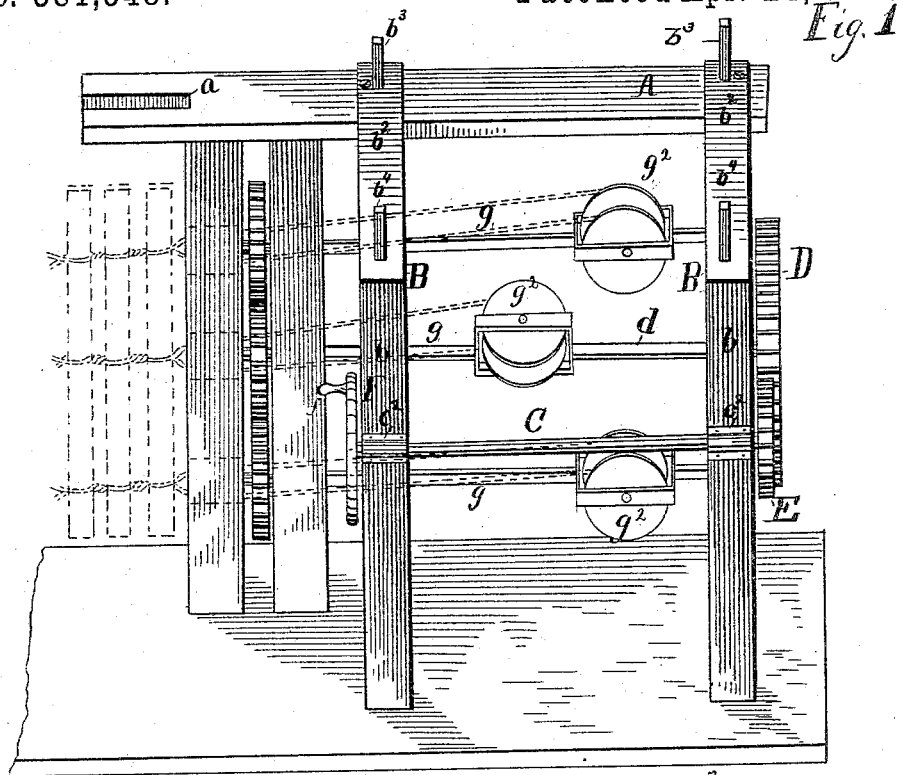
(Model.)

McC. HILL & J. N. RIDER.

UPRIGHT WIRE AND PICKET FENCE MAKING MACHINE.

No. 381,548.

Patented Apr. 24, 1888.



Witnesses:

N. A. Haseltine.
J. S. Haseltine

Inventor.

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UNITED STATES PATENT OFFICE.

MCCORD HILL AND JOHN N. RIDER, OF WALNUT GROVE, ASSIGNORS OF ONE-THIRD TO WILLIAM H. WILLIAMS, OF SPRINGFIELD, MISSOURI.

UPRIGHT WIRE AND PICKET FENCE MAKING MACHINE.

SPECIFICATION forming part of Letters Patent No. 381,548, dated April 24, 1888.

Application filed September 4, 1886. Serial No. 212,665. (Model.)

To all whom it may concern:

Be it known that we, McCORD HILL and JOHN N. RIDER, citizens of the United States, residing at Walnut Grove, in the county of Greene and State of Missouri, have invented certain new and useful Improvements in Upright Wire and Picket Fence Making Machines; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to improvements on the J. M. Fultz upright wire and picket fence making machine, dated May 13, 1884, and numbered 298,368, the object of which is to provide a cheap, simple, durable, and convenient device for operating said machine by one man instead of two, as is now required, and also to save power. These objects we secure by means of the device illustrated in the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view in elevation of the device. Fig. 2 is a view of the improvement detached.

Similar letters of reference indicate corresponding parts in both figures.

A is the top piece of the Fultz machine, having the slots *a* for receiving the pickets, and *g* are the revolving shafts for holding the bobbins *g*², on which the wire is placed.

D is a large cog-wheel secured on one of the shafts *g* for driving the same.

B are frames consisting of uprights *b*, having boxings *c*² for a shaft, C, and cross-pieces *b*², provided with arms *b*³ *b*⁴, extending upward from the cross-pieces *b*², for receiving the lath to be fed into the machine.

C is a shaft provided with a pinion, E, to

engage the drive-wheel D, for propelling the fence-making mechanism.

F is a balance-wheel secured to the other end of shaft C, and is provided with a handle, *f*, for turning the same.

The frames may be placed on either side of the machine and secured in place by means of bolts or other suitable device, but are preferably on the right-hand side, so that the wheel may be operated by the right hand, while the pickets are placed with the left. These pickets being placed over the handle for turning, it is not necessary to reach over the machine to get them, and one man can do as much work, and with greater ease, than two men with the old-style machine.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In combination with an upright fence-making machine, having a cog-wheel, D, on one of the twister-shafts, pinion E, shaft C, balance-wheel F, having a handle, *f*, and frames B B, substantially as shown and described.

2. In combination with an upright fence-making machine, having cog-wheel D on one of the shafts *g*, frames B B, having arms *b*³ *b*⁴, cross-pieces *b*² *b*², uprights *b* *b*, shaft C, having balance-wheel F, provided with a handle, *f*, and pinion E, substantially as shown and described, and for the purpose set forth.

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

MCCORD HILL.
JOHN N. RIDER.

Witnesses:

J. H. BRADLEY,
NANNIE DAVIS.