

(Model.)

L. PFISTER.
FENCE MAKING MACHINE.

No. 398,796.

Patented Feb. 26, 1889.

Fig. 1.

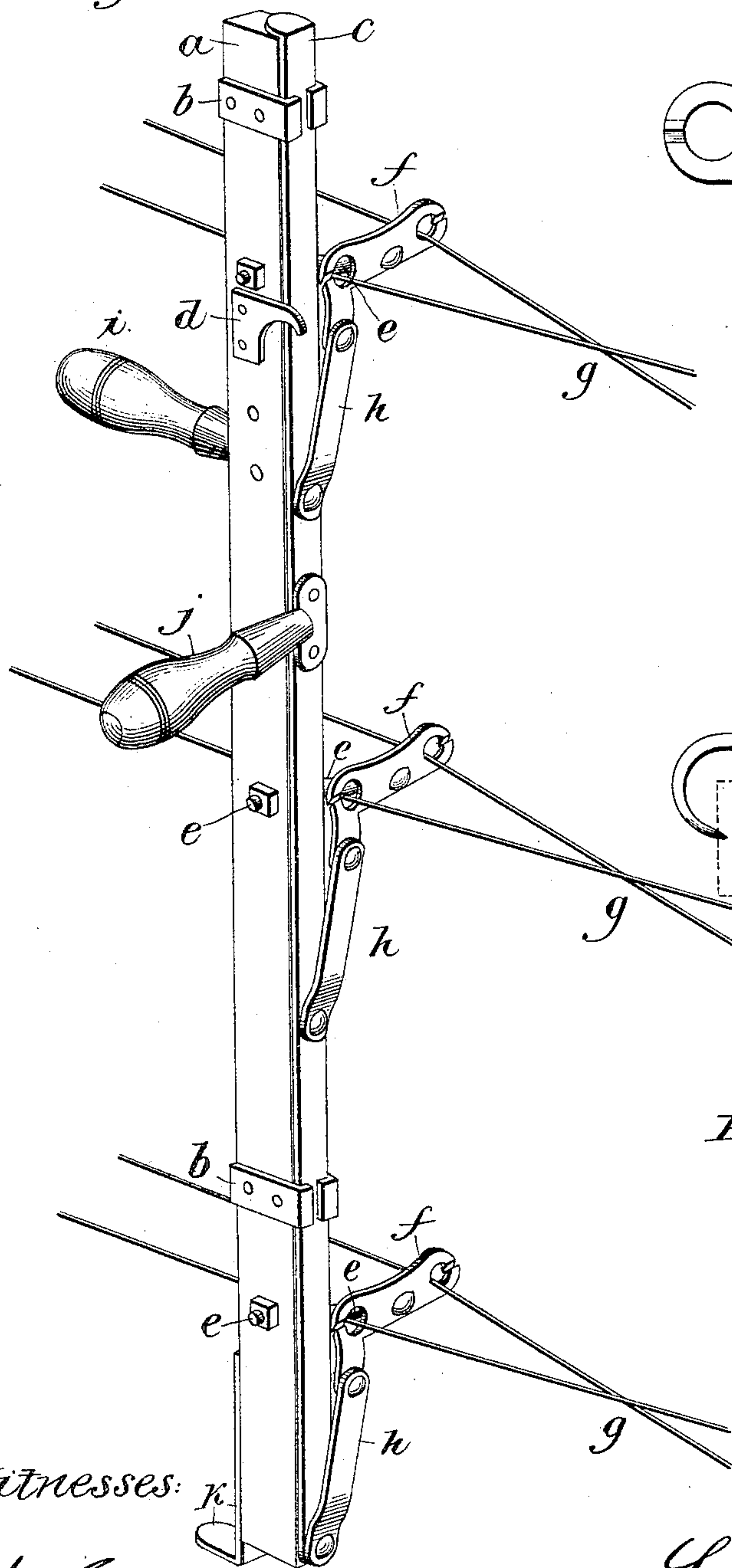


Fig. 2.

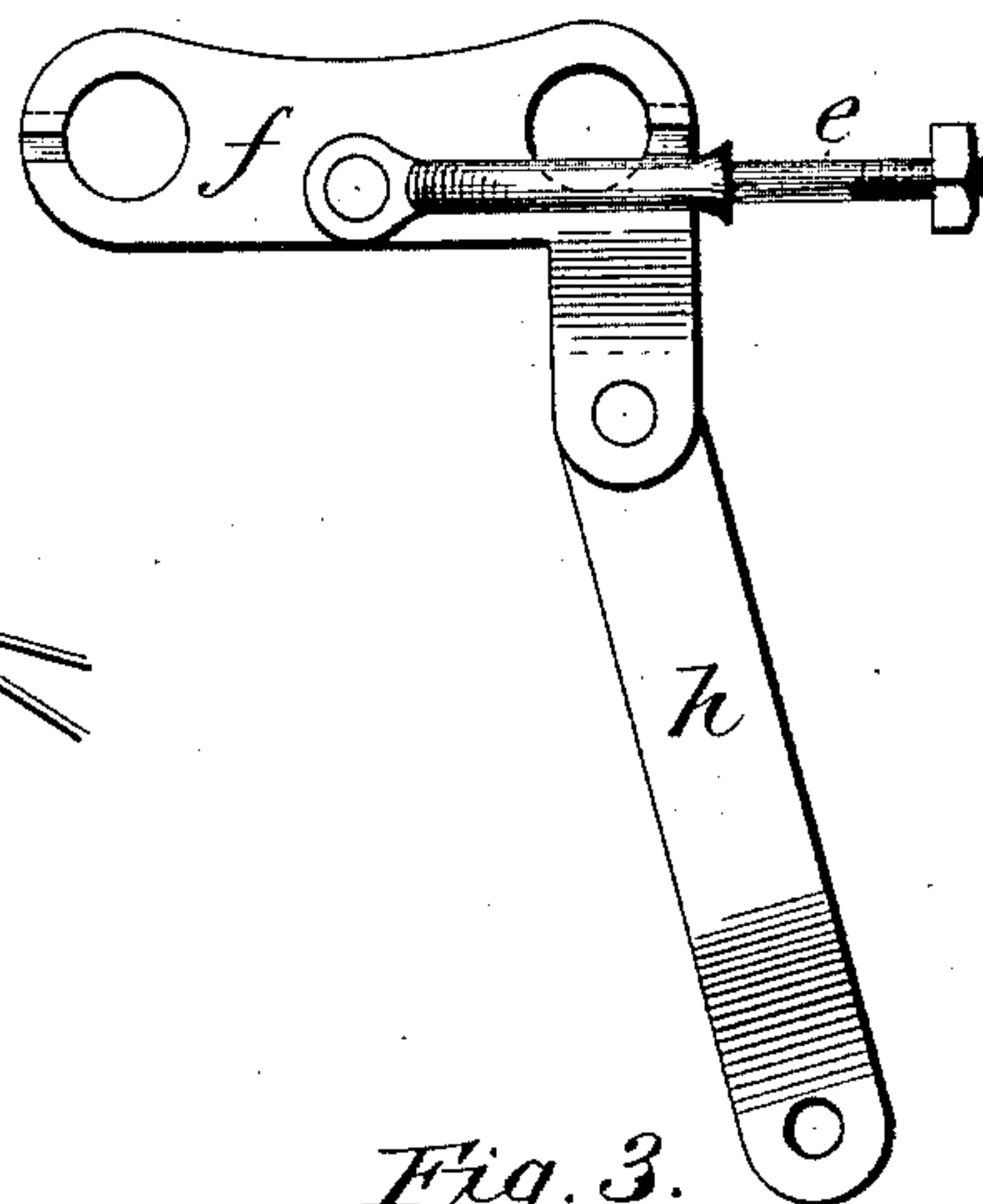


Fig. 3.

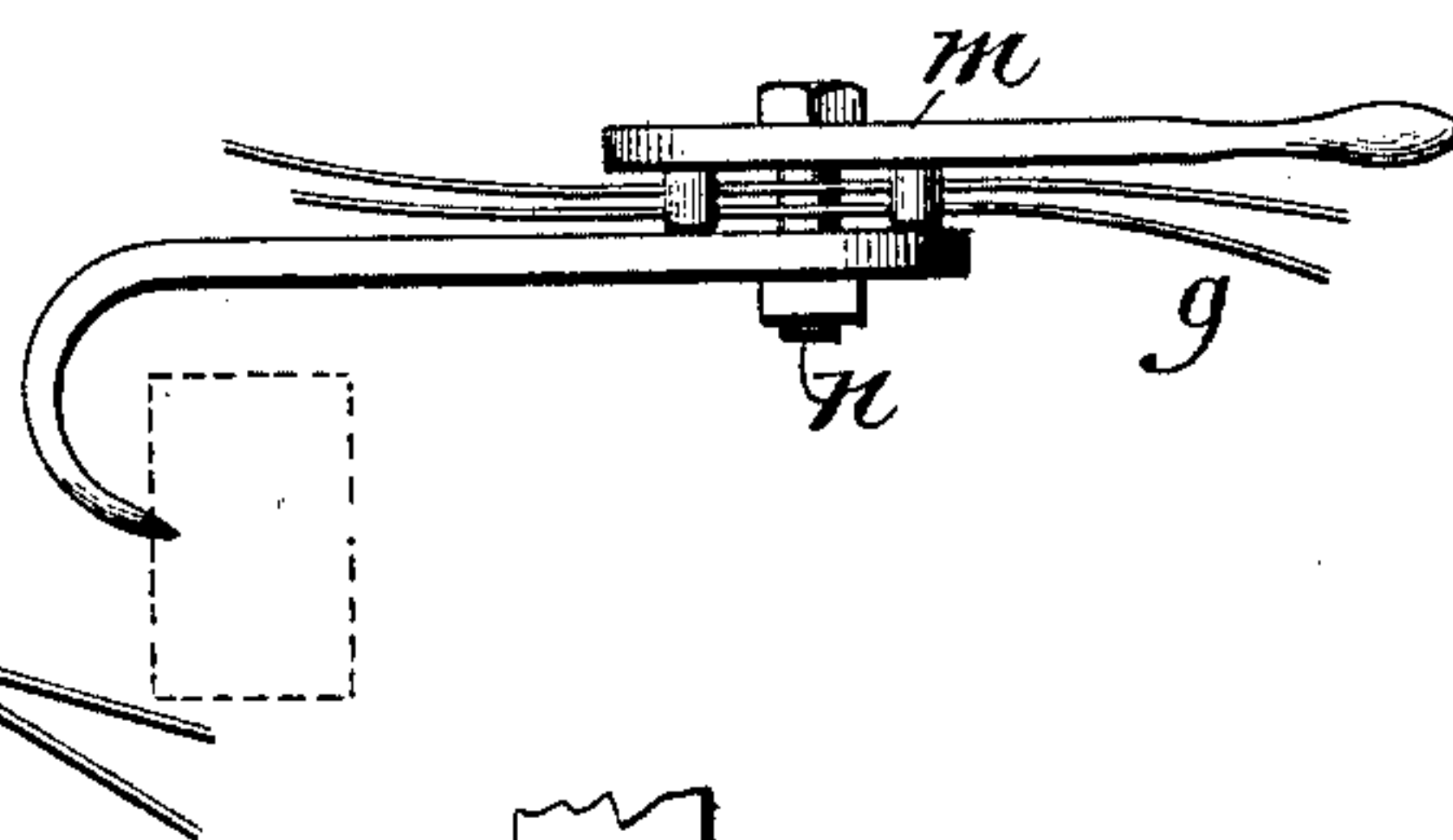
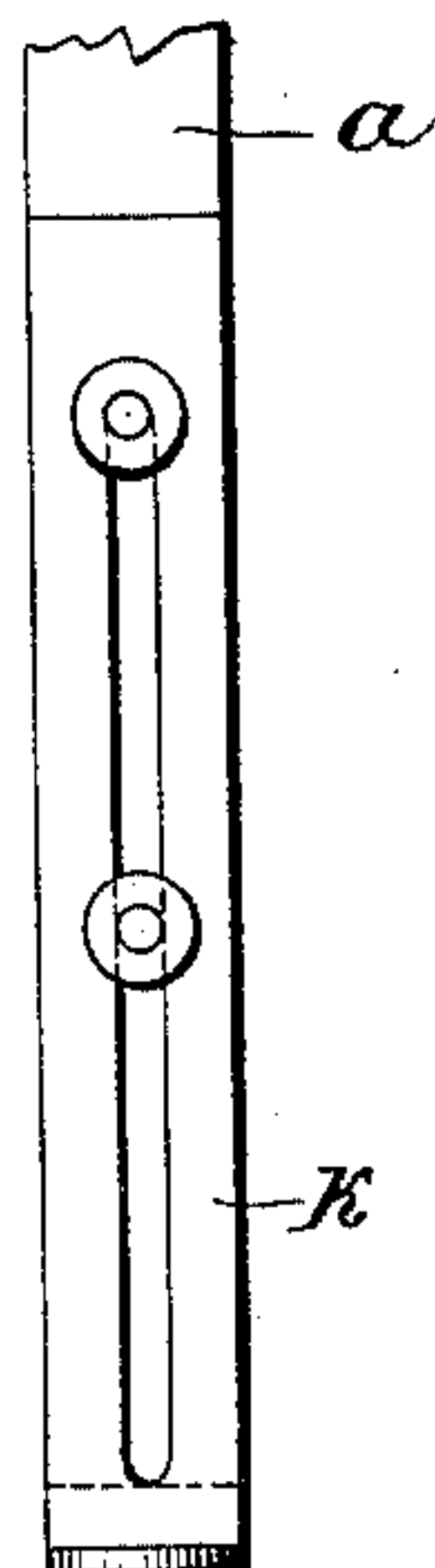


Fig. 4.



Witnesses:

A. Harris
H. J. Murrelman

Inventor:

Louis Pfister.

UNITED STATES PATENT OFFICE.

LEWIS PFISTER, OF MARTINSVILLE, OHIO.

FENCE-MAKING MACHINE.

SPECIFICATION forming part of Letters Patent No. 398,796, dated February 26, 1889.

Application filed June 18, 1888. Serial No. 277,497. (Model.)

To all whom it may concern:

Be it known that I, LEWIS PFISTER, a citizen of the United States, residing at Martinsville, in the county of Clinton and State of Ohio, have invented a new and useful Machine for Making Fences, of which the following is a specification.

The object of my invention is to afford a machine that will cross wires at regular intervals for the reception of pickets, and also to furnish a tension device for the wires which, as the tension of the wires is increased, will permit the wires to pass through, thus securing a uniform tension. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the braiding-machine, showing it in its normal position in reference to the wires. Fig. 2 is a detailed view of a part of Fig. 1, showing a rotary disk, an arm, and post. Fig. 3 is the view of a stretcher, also showing the manner in which a strand of wire is attached to it. Fig. 4 shows the rest for the bar.

Similar letters refer to similar parts throughout the several views.

a is a stationary bar to which the remaining parts of the machine are in a great measure secured.

b b are guides attached to the stationary bar *a*. Each of these guides contains a slot, at which a guide, *b*, is attached to the stationary bar *a* by means of a set-screw.

c is a sliding bar kept in position by means of the guides *b b*.

d is a stop attached to the stationary bar *a* for the purpose of enabling the sliding bar *c* to be elevated to a certain height.

e e are posts attached to the stationary bar *a*.

f f are rotary disks attached on a pivot at the extremity of the posts *e e*. These rotary disks *f f* contain slots at the extremities of each. These slots receive the wires *g g*, and at their openings are beveled in such a manner as not to permit the wire to be taken out so long as the wire is at right angles to the plane of the disk.

h h are arms connecting the sliding bar *c* with the arms on the rotating disk *f*. 50

The arms *h h* and posts *e e* may be attached to any part of the sliding bar *c* and stationary bar *a*, respectively, according to the position which the strands of wire *g g* are desired to occupy; also any number of these rotary disks *f f* may be likewise attached, according to the number of strands of wire to be used in the construction of the fence. 55

i is a handle attached to the stationary bar *a*, by which the machine is held in an upright position. 60

j is a handle by which the sliding bar *c* may be elevated or depressed. When the sliding bar is elevated, the rotary disks *f f* are caused to perform half a rotation. This action will cause the two wires in each strand to overlap. Now should a picket be placed between the two wires in all the strands and the sliding bar *c* depressed, the wires will be caused to overlap firmly before the picket, holding it in position. 65 70

k is a foot or rest attached to the stationary bar *a*. It contains a slot, (which might be seen in an opposite view,) through which passes a bolt, enabling the foot *k* to be lengthened or shortened, as may be desired. This foot *k* is held in a fixed position by tightening the nut on the bolt passing through the slot referred to above. 75

l is a hook, which may be attached firmly to a stationary object. 80

m is a lever having two lugs.

n is a bolt passing through the hook *l* and lever *n*. By means of this bolt the lugs of the lever *m* may be brought more or less firmly in contact with the hook *l*. This allows the friction of the wires *g g* on the lugs and the bolt to be increased or diminished according as the lever *m* is placed in reference to the hook *l*. 85 90

I provide a tension device for every pair of strands of wire used in construction of the fence.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is— 95

1. The combination of the stationary bar having posts *e*, rotary disks *f*, pivoted to the posts, having openings for the wires and having slots communicating with the openings, the slots being arranged at an angle to the direction of the openings, and sliding bar *c*, connected to the disks by links *h*, all substantially as and for the purpose set forth.

2. The combination of the hook *l* with the lever *m*, having lugs, the two connected by a bolt, as and for the purpose specified.

LEWIS FFISTER.

Witnesses:

S. W. DOAN,
THOS. B. GADDIS.