(Model.)

M. KELLER.

MACHINE FOR MAKING SLAT AND WIRE FENCES.

No. 340,324. Patented Apr. 20, 1886.

Fig. 1.

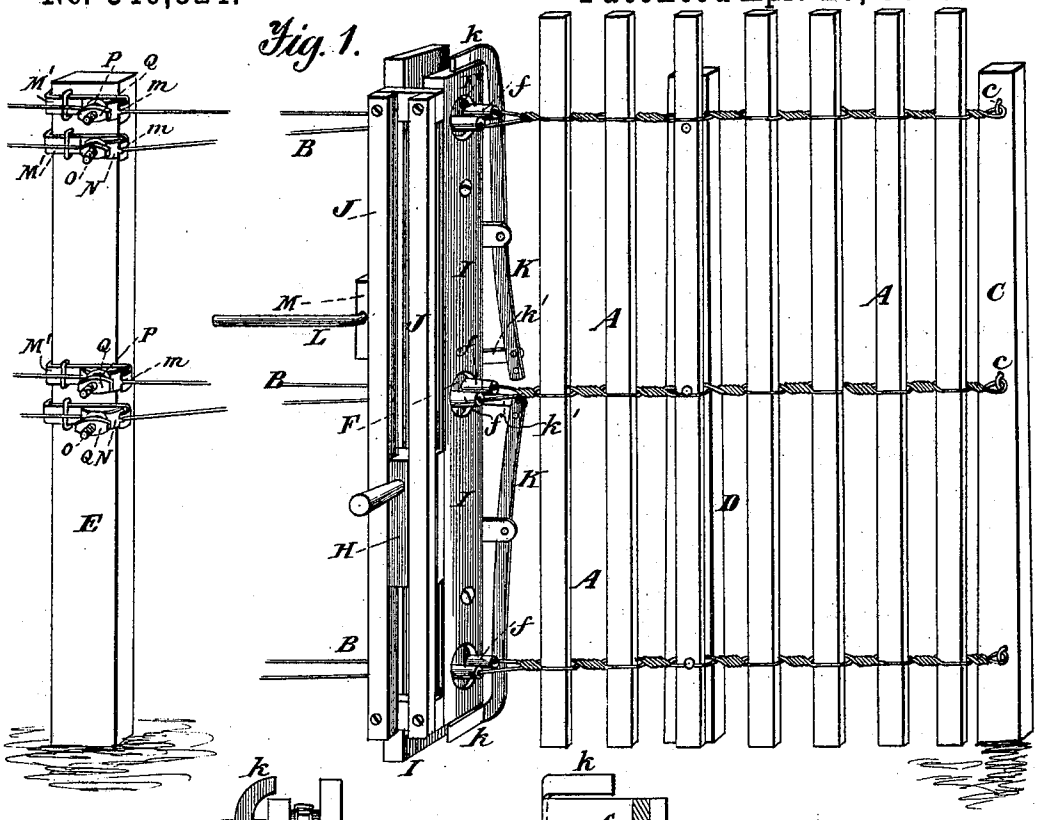


Fig. 2.

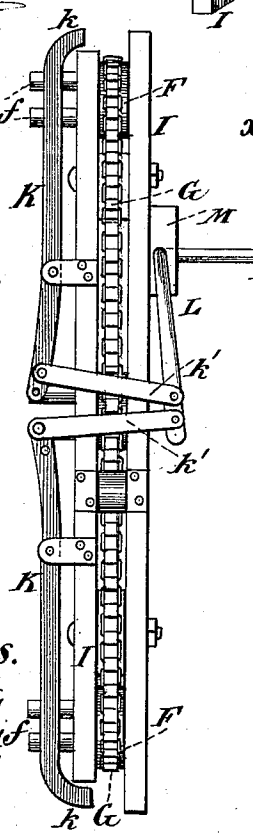


Fig. 3.

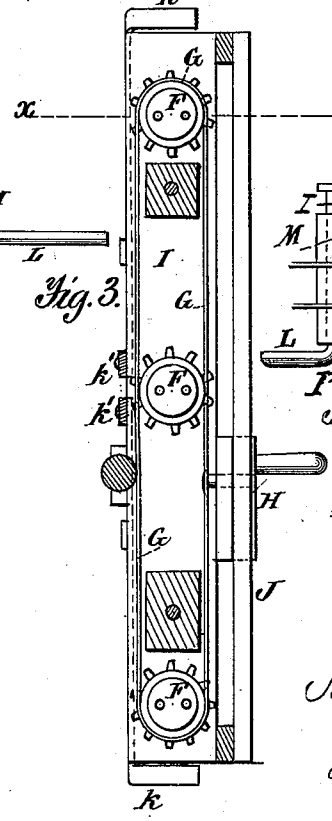


Fig. 4.

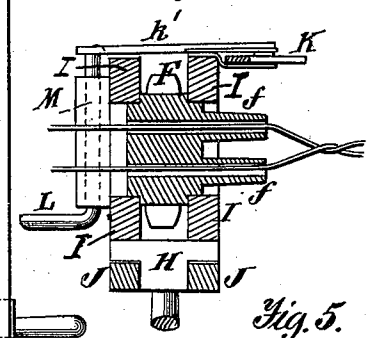
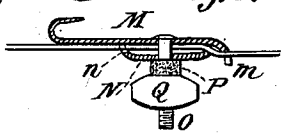


Fig. 5.



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UNITED STATES PATENT OFFICE.

MICHAEL KELLER, OF BURKET, INDIANA.

MACHINE FOR MAKING SLAT AND WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 340,324, dated April 20, 1886.

Application filed September 28, 1885. Serial No. 178,346. (Model.)

To all whom it may concern:

Be it known that I, MICHAEL KELLER, a citizen of the United States, residing at Burket, in the county of Kosciusko and State of Indiana, have invented certain new and useful Improvements in a Machine for Making Slat and Wire Fences; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

Figure 1 of the drawings is a perspective view of the machine in operation on a fence; Fig. 2, a side elevation showing the lever mechanism and the chain on sprocket-wheels. Fig. 3 is a vertical section intended to show the connection of the chain and carrier. Fig. 4 is a horizontal section through one of the sprocket-wheels, to show the projecting tubes integral with said wheels. Fig. 5 is a section of the wire clamp preferably used.

In the drawings, A represents the slats; B, the doubled wires, and C D E three posts, of which C is first planted and rigidly secured in position. On this I preferably drive staples *c c c*, at different heights. I then take three wires and pass them for half their length through the staples *c*, then double them at said staples, and carry the double wires through the tubes *f f* in sprocket-wheels F. Then, with the sliding carrier H, I move the sprocket-chain G down between the frame I and guide-bars J J. This turns the sprocket-wheels, with their tubes and contained wires, so that the latter will receive their first twist near the initial post C. I now insert a slat between the tubes *f f* and against the right-angled arms *k k* of the levers K K, which are connected by pivoted rods *k'* with the same crank-lever L. The latter is provided with a bearing in a block, M, on the back of frame I. I then operate these levers to push and hold the slat against the first twist and between the wires while another twist is made, as before, on the other side of slat, so as to tie the latter to the wires. Then, after moving the frame I, I move the levers back so as to bring their arms *k k* into their normal position. In this way I proceed until all the slats of a panel are tied to their wires at any preferred distance apart. I then stretch the wires by hand or otherwise, and secure their free ends to the final post E by means of the clamp shown in Fig. 5 of the drawings. The wire first passes through the notch *m* in an upturned rear flange on hook M; then under a plate, N, so as to pass out through a notch, *n*, in a down-turned flange on said plate. Through the parts M N passes vertically the screw O, on which is an elastic washer, P, clamped and held down by a thumb nut, Q. Each arm of the double wire being thus properly held, I nail the slats at suitable intervals to posts D. This makes a very strong, durable, and economical fence, which may be made quite ornamental, if some extra expense is allowed for the slats.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

1. A sliding carrier, H, and frame I, having guide-bars J J, in combination with sprocket chain and wheels carrying twister-tubes, as shown and described.

2. The combination, with frame I and a twisting mechanism having the tubes *f f*, of the levers K K, having arms *k*, the pivoted rods *k'*, the crank-lever L, and the bearing-block M, substantially as and for the purpose set forth.

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

MICHAEL KELLER.

Witnesses:

EMANUEL CRALL,

FRANK RUFNER.