J. W. McCORMICK.

FENCE.

No. 88,401. Patented Mar. 30, 1869.

Fig. 1.

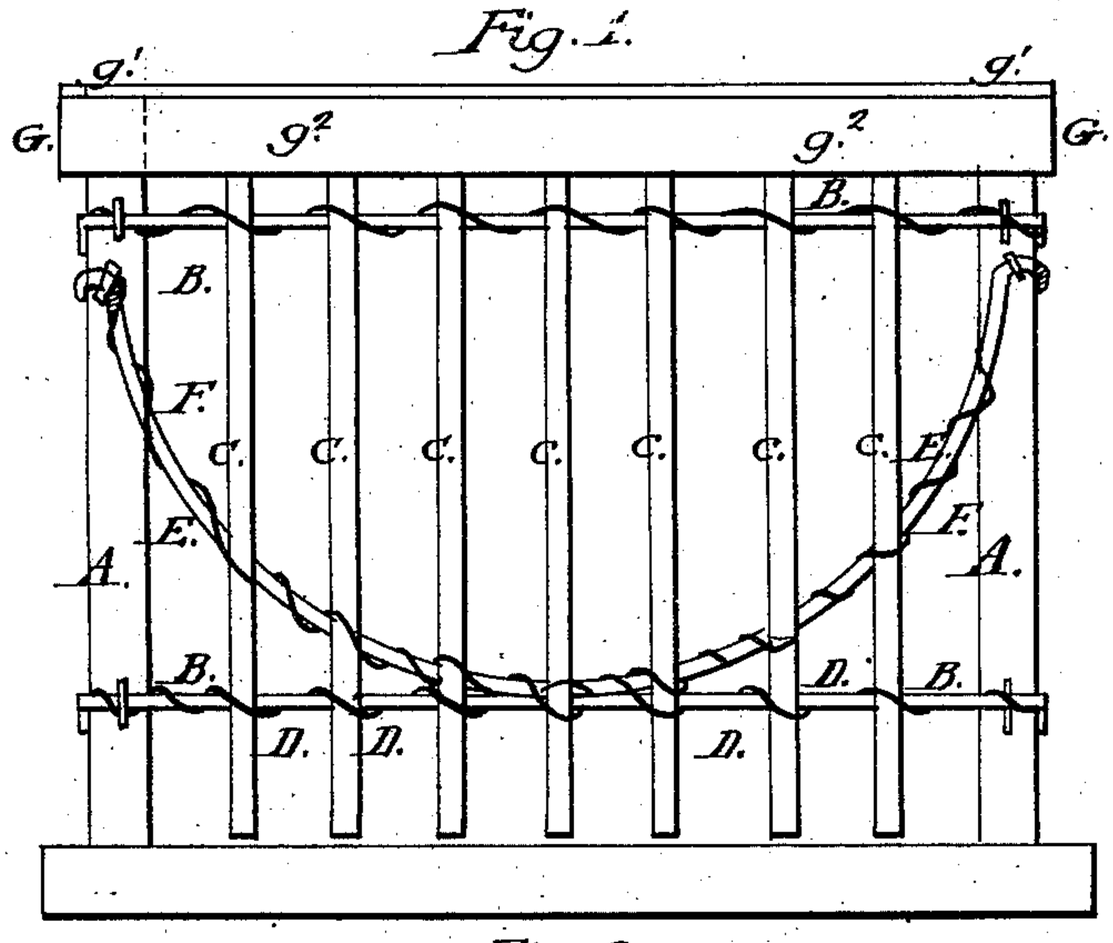


Fig. 2.

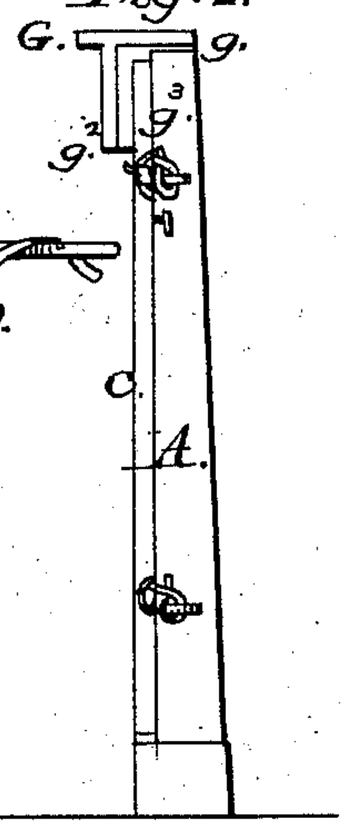


Fig. 4.

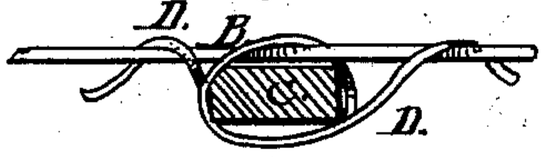


Fig. 3.

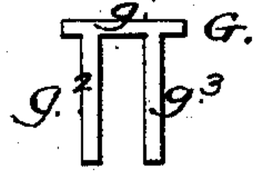
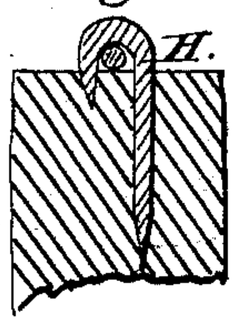


Fig. 6.



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JAMES W. McCORMICK, OF YOUNGSTOWN, NEW YORK.

Letters Patent No. 88,401, *dated March* 30, 1869.

IMPROVEMENT IN FENCE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES W. McCORMICK, of Youngstown, in the county of Niagara, and State of New York, have invented a new and useful Improvement in Fences; and I do hereby declare that the following is a full, clear and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 is a side view of a section of my improved fence.

Figure 2 is an end view of the same.

Figure 3 is an end view of the cap, detached from the fence.

Figure 4 is a detail cross-section of one of the pickets, showing the manner in which the binding-wire is arranged.

Figure 5 is a detail view of one of the hook-spikes.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved fence, designed especially for a farm-fence, but equally useful in other situations, which shall be strong, durable, and easily constructed; and

It consists in the construction and combination of the various parts of the fence, as hereinafter more fully described.

A are the posts, which are set in the ground in the ordinary manner, and at any desired distance apart.

B are wires, extended horizontally from post to post, to which they are secured by spikes, or hooks H, in such a way as to prevent said wires from slipping upon the posts, or from loosening more than one section, should the wire become accidentally broken.

C are the pickets, which cross the wires B at right angles, and are secured to said wires by the binding-wire D. One end of the wire D is secured to the post A.

The wire D is then passed over the wire B, and around the picket C and wire D. It is then passed around the forward side of the picket, and around the wire B, and then passes to the next picket, thus making a turn and a half around each picket, as shown in fig. 4.

E is a wire, the ends of which are secured to the posts A, near their upper ends, and which hangs against the sides of the pickets in the form of an inverted arch, as shown in fig. 1.

The pickets C are secured to the wire E by a binding-wire F, passed around the said pickets, and wire E, in the same manner as before described with reference to the wire D, except that in passing down one arm of the arch, as from right to left, in fig. 1, the wire F is passed under the wire E, and, in passing up the other arm of said arch, it is passed over the said wire E.

G is a cap, the top board g^1 of which rests upon the upper ends of the pickets C.

g^2 are the front boards, which pass along the front side of the upper ends of the pickets C, and of the posts A, and to the upper edge of which the top board g^1 is securely attached.

g^3 is the rear side board of the cap, which passes along the sides of the upper ends of the pickets C, the upper edge of which is secured to the top board g^1, and the ends of which rest against the sides of the upper ends of the posts A, so as to act as braces, to prevent the said posts from being drawn toward each other by the strain of the wires.

H are the spikes by which the wires are secured to the posts, which said spikes are made with a hooked head, as shown in fig. 5, to grasp the wire and clamp it to said posts, so that, should the wire be accidentally broken, only one panel of the fence will be loosened.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the curved suspension-wire E, and binding-wire F, with the pickets C and posts A, substantially as herein shown and described, and for the purpose set forth.

Witnesses: JAMES W. McCORMICK.

G. S. MOOTE,

W. H. DOYLE.