

T.C. Wood. Fence. PATENTED JUL 4 1871

116657 *Fig. 1.*

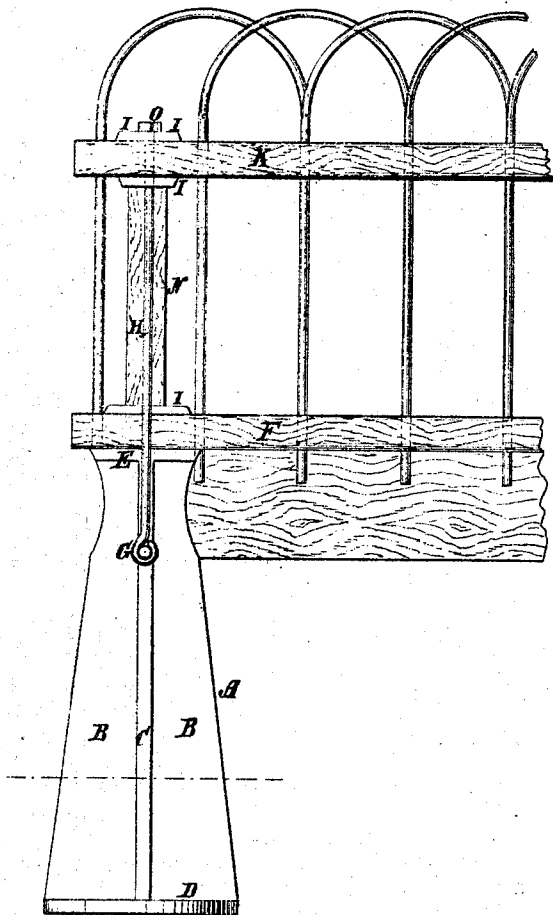


Fig. 2.

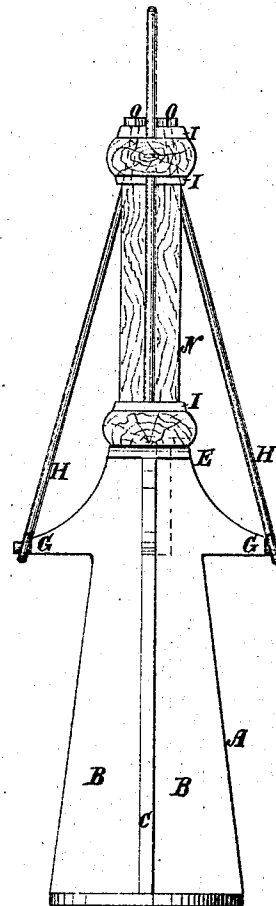


Fig. 3.

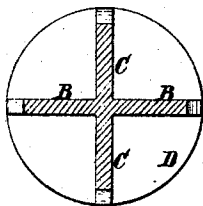
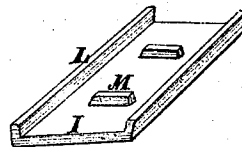


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

TIMOTHY C. WOOD, OF AUGUSTA, MICHIGAN.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 116,657, dated July 4, 1871.

To all whom it may concern:

Be it known that I, TIMOTHY C. WOOD, of Augusta, in the county of Kalamazoo and State of Michigan, have invented a new and Improved Fence; 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 drawing forming part of this specification.

My invention consists in improving fences, as hereinafter fully described and subsequently pointed out in the claims.

Figure 1 is a side elevation of a section of a fence constructed according to my invention. Fig. 2 is an end elevation of the same. Fig. 3 is a transverse section of one of the posts, and Fig. 4 is a face view of one of the plates used between the posts and rails.

Similar letters of reference indicate corresponding parts.

A represents the cast-metal posts, which consist preferably of a broad plate, B, with a longitudinal rib, C, on each side, a circular base, D, and a cap, E, at the top, the latter for supporting the lower rail F. G represents laterally-projecting arms, one at each side, near the top, for the connection of the braces H, by which the top structure is confined to the metal posts. I represents the iron plates, which I place on the upper sides of the rails F and K, and under the latter. They have flanges L and projections M

for lapping the edges and entering notches in the surface to keep them in place, and those applied to the upper rails will have holes for the braces to pass through. N represents the short wood posts, placed on the lower rails and supporting the upper rails with the said metal plates between. The bracing and clamping-rods are detachably connected to the arms G, and passing through holes in the upper rails and the plates applied thereto to receive nuts O, which screw on them and clamp the whole structure firmly together.

This arrangement is such that the fence may be readily taken apart for the removal of any decayed or broken piece and putting in a new one; and it affords a permanent structure which may be put up with but little labor.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The two posts, having arms G G and seat E on each, the post N and the rods H, combined, constructed, and arranged as described, to support the panel in a vertical position.

2. The two iron posts, the two wooden posts, the top and bottom rails, the four braces, and the wires, all combined, constructed, and arranged as described, to form an improved panel of fence.

TIMOTHY C. WOOD.

Witnesses:

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