(No Model.)

R. DONALDSON.

FENCE.

No. 249,027. Patented Nov. 1, 1881.

Fig. 1

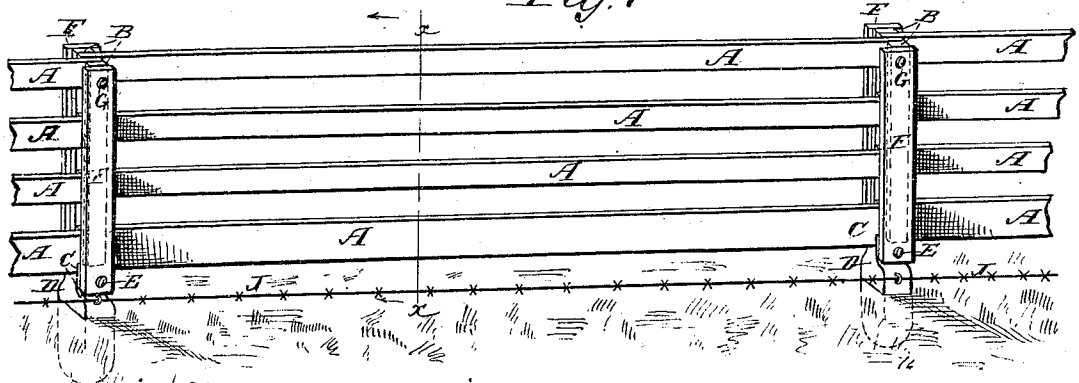


Fig. 2

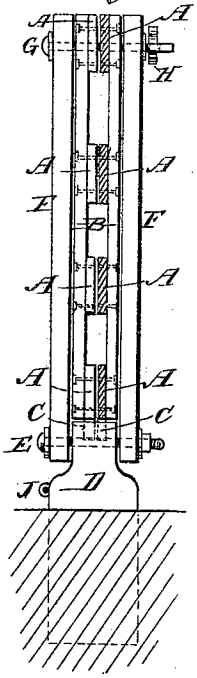
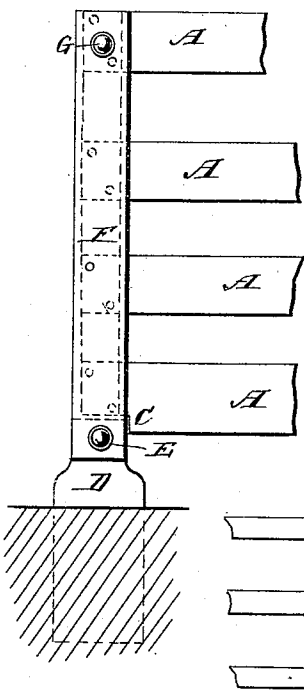


Fig. 3



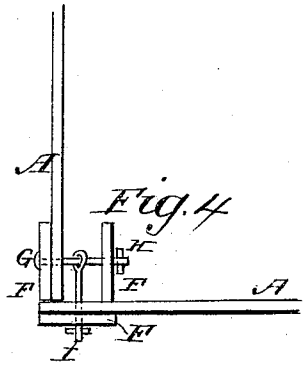
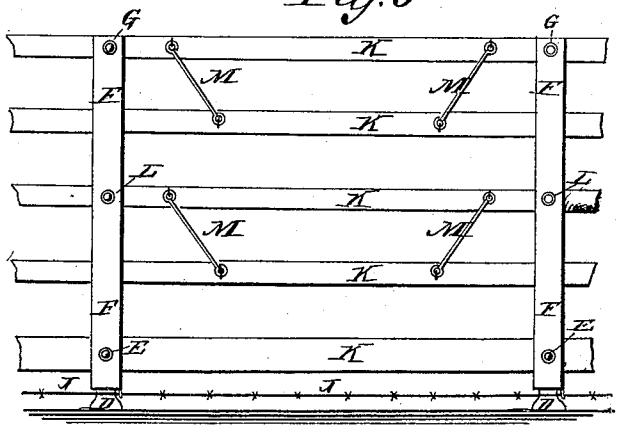


Fig. 4

Fig. 5



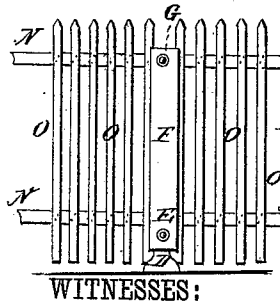


Fig. 6

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FENCE.

SPECIFICATION forming part of Letters Patent No. 249,027, dated November 1, 1881.

Application filed February 18, 1881. (No model.)

To all whom it may concern:

Be it known that I, RIVERS DONALDSON, of Tiptonville, in the county of Lake and State of Tennessee, have invented a new Improvement in Fences, of which the following is a full, clear, and exact description.

Figure 1 is a side elevation of a portion of my improved fence. Fig. 2 is a sectional elevation of the same, taken through the line *x x*, Fig. 1. Fig. 3 is a side elevation of a corner of the fence. Fig. 4 is a plan view of a corner of the fence. Fig. 5 is a side elevation of a modification of the fence. Fig. 6 is a side elevation of another modification of the fence.

The object of this invention is to facilitate and cheapen the construction of fences.

In constructing my improved fence short posts are set in the ground, and to the opposite sides of their upper ends are bolted the lower ends of two uprights. Fence-panels are then placed upon the upper ends of the short posts with their overlapped ends between the uprights, and secured in place by bolts passing through their upper corners and the upper ends of the said uprights. To the upper ends of the short posts is secured a barbed wire to fill the space between the lower edge of the panels and the ground.

The invention consists in the construction and combination of these various parts of the fence, as will be hereinafter fully described.

The panels of the fence are formed of horizontal boards A, connected by cross-boards B, attached to one side of their ends. The cross-boards B of adjacent panels are placed upon opposite sides of the horizontal boards A, so that when the ends of adjacent panels are overlapped, with the end parts of the said horizontal boards A against each other, there will be a cross-board, B, upon each side of the fence. The lower edges of the bottom boards, A, project a little below the lower ends of the cross-boards B, and are rabbeted at their ends to form shoulders C, to rest against the sides of the upper ends of the short posts D to hold the panels against longitudinal movement. The short posts D are made of cedar or other durable wood, or of other suitable material, and to the opposite sides of their upper ends are secured, by bolts E, the lower ends of two uprights, F, between which the overlapped ends of the panels A B are placed. The upper ends of the uprights F and the upper corners of the panels A B are secured in place by bolts G, having keys H driven into slots in their forward ends, as shown in Fig. 2. At the corners of the fence a third upright F is used, which is bolted at its lower end to the short post D. The upper end of the third upright F is secured in place by an eyebolt, I, through the eye of which the bolt G passes, and which passes through the upper corner of the panel A B and through the upper end of the said third upright F.

In the space between the lower edge of the bottom board, A, and the ground is placed a barbed wire, J, which is secured to the short posts D by staples or other suitable means.

In the modification shown in Fig. 5 the panels are made of rails K and the cross-boards B are omitted. In this case the ends of the upper third and fifth rails, secured to and between the uprights F by bolts G L E, and the second and fourth rails, K′, are suspended from the first and third rails, K, by rods M. The upper ends of the rods M have eyes formed in them to receive the bolts, screws, or nails that fasten them to the rails K. The rods M are inclined toward each other, and have eyes formed in their lower ends to receive the bolts, screws, or nails that fasten them to the rails K′.

In the modification shown in Fig. 6 horizontal bars N are bolted to and between the upper and lower ends of the uprights F, and upright pickets O are attached to the said bars N. In this case the lower ends of the pickets O can be extended so close to the ground that the barbed wire J will not be required.

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

In a fence, the combination, with the short posts D, of the cross-boards B, the uprights F, the bolts E G, and the rails A, the latter projecting at their lower edges below the ends of said cross-boards, rabbeted to form shoulders C, and resting against the sides of the upper ends of the short posts D, as shown and described.

RIVERS DONALDSON.

Witnesses:
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W. W. MERIWETHER.