(No Model.)

M. DUDLEY.

PANEL PICKET FENCE.

No. 328,392. Patented Oct. 13, 1885.

Fig. 1.

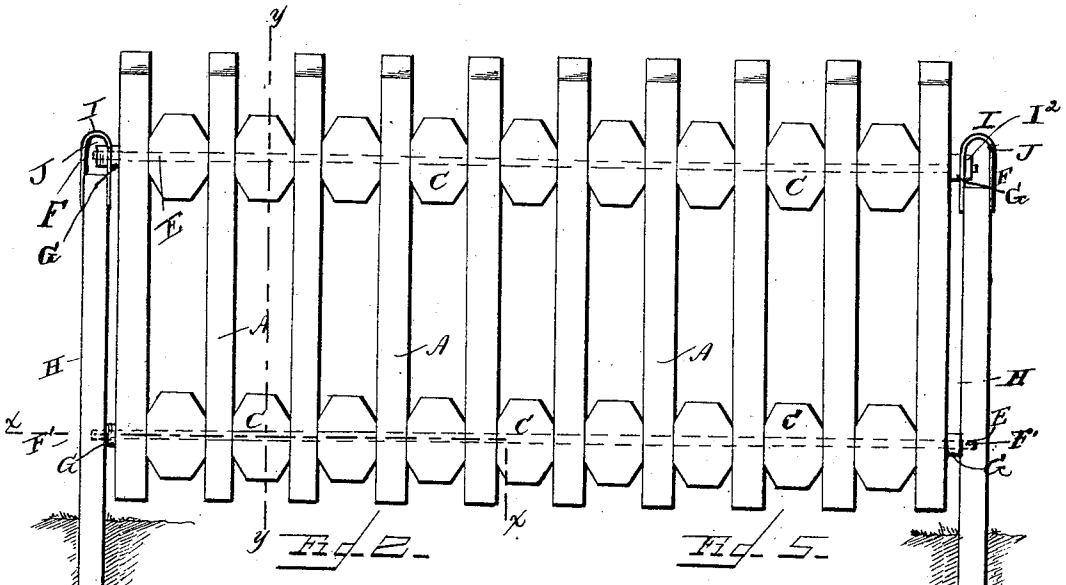


Fig. 2.

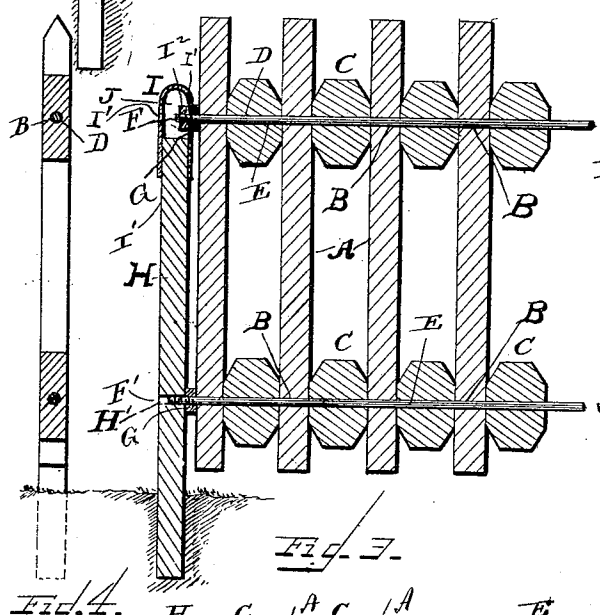


Fig. 5.

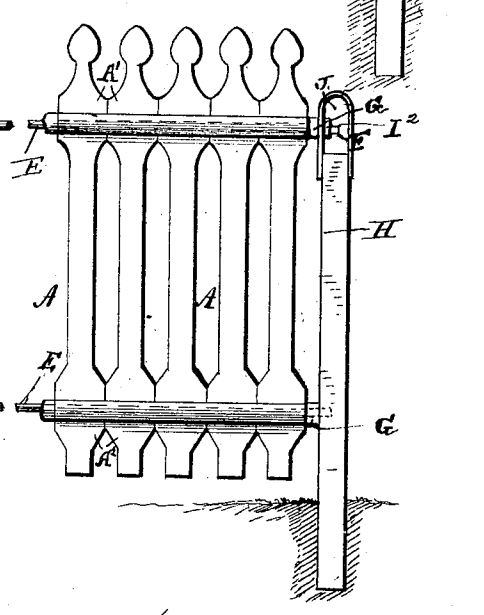


Fig. 3.

Fig. 4.



WITNESSES

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PANEL PICKET FENCE.

SPECIFICATION forming part of Letters Patent No. 328,392, dated October 13, 1885.

Application filed July 11, 1885. Serial No. 171,293. (No model.)

To all whom it may concern:

Be it known that I, MARTIN DUDLEY, a citizen of the United States, and a resident of Marion, in the county of Marion and State of Ohio, have invented certain new and useful Improvements in Panel Picket Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to that class of picket fences which are constructed in sections or panels so that they may be readily set up or taken down for removal or transportation; and it has for its object the construction of a fence of this class which shall possess superior advantages in point of simplicity, durability, and general efficiency. To these ends my invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

Referring to the annexed drawings, Figure 1 is a side view of one of the panels of my improved panel picket fence with the posts to which the ends of the same are secured, in the manner which will be hereinafter described. Fig. 2 is a longitudinal vertical sectional view of the same. Fig. 3 is a longitudinal horizontal sectional view taken on the plane indicated by line *x x* in Fig. 1. Fig. 4 is a vertical transverse sectional view taken on line *y y*, Fig. 1; and Fig. 5 is a side view of a modification of my invention.

The same letters of reference indicate corresponding parts in all the figures.

Referring to the several parts by letter, A A represent the pickets, which are provided at points near their upper and lower ends with the transverse apertures or perforations B B. C C indicate the spacing-blocks, which may be of any suitable (preferably ornamental) shape, two of these blocks being used between each adjoining pair of pickets, and, like the pickets, the said spacing-blocks are provided with transverse perforations D. E E indicate a pair of wire rods slightly exceeding in length the length which the panel to be constructed is desired to have, the ends of these rods being screw-threaded, as at F F′, to adapt them to receive the nuts G G.

The pickets A A are strung upon the rods E E, alternating with the spacing-blocks C C, as shown, until a sufficient number have been strung to form a panel of the required length. The nuts G G are then applied and tightened, thus forcing the pickets and spacing-blocks so tightly together as to make sagging an absolute impossibility.

H H indicate the improved posts to which the ends of the panels are secured, each of these wooden posts H being provided at its upper end with the metal cap-piece I, formed of a band of suitable metal bent over the upper end of the wooden post, so as to leave the space J, and having its ends bolted to the post, the curved or upper portion of the said cap being provided with the apertures I′, adapted to receive the end of the upper rod upon which the pickets are strung, while the wooden post H is provided at a point near its lower end with the transverse aperture H′, adapted to receive the lower end of the lower rod of the panel.

In attaching the panel to the post the end of the lower rod E is inserted in the aperture H′ of one of the wooden posts, the said end being of such a length as to enter the said aperture for about one-half the thickness of the post, as shown in the sectional view, Fig. 2, of the drawings, while the end of the upper panel-rod is inserted through one of the side apertures of the metal band or cap piece I, when a nut, I^2, is screwed upon the said end inside of the metal cap-piece.

After thus securing one end of the panel to its post the next post is placed in position, and the other end of the panel is secured to it; or the ends of the rods are screw-threaded a sufficient distance to allow the nut at one end to be screwed up far enough to have the other end of the rod flush with the nut, when the projecting ends of the rods are placed through the next adjoining post, and the nut at the other end of the panel is then screwed up until the rod is drawn back far enough to project part of the way through that post, and also make room in the other post for the next panel.

If desired, the spacing-blocks C C may be entirely dispensed with by forming the pickets

A with the upper and lower side projections, A' A^2, as shown in Fig. 5 of the drawings, these projections serving to hold the pickets at a suitable distance apart in the same manner as the spacing-blocks C, thereby reducing the number of parts required in the construction of the fence and increasing its simplicity of construction.

From the foregoing description, taken in connection with the accompanying drawings, the construction and arrangement of my improved panel picket fence will be readily understood without requiring further explanation. It will be seen that my improved panel picket fence is simple in construction, durable, and ornamental. They may be easily constructed without the use of special machinery, and they are light, and occupy but small space for transportation.

I am aware that fences have been constructed in which pickets and spacing-blocks have been strung upon wires and the ends of the wires knotted at the posts, and I do not claim such construction, broadly; but

I claim and desire to secure by Letters Patent—

The combination, with the picket-panel for fences, consisting of a pair of rods having screw-threaded ends, transversely perforated pickets strung upon the said rods alternately with transversely-perforated spacing-blocks, and tightening-nuts at the ends of said rods, of the wooden post having the transverse perforation at a point near its lower end and provided with the metallic cap-piece or band having the side perforations, for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

MARTIN DUDLEY.

Witnesses:
M. V. PAYNE,
A. L. WILSON.