April 5, 1927. 1,623,873

C. K. JACKSON

FENCING CONSTRUCTION

Filed Dec. 23, 1925

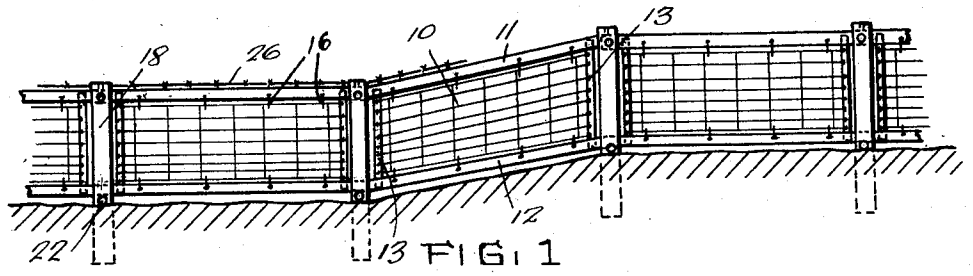


FIG. 1

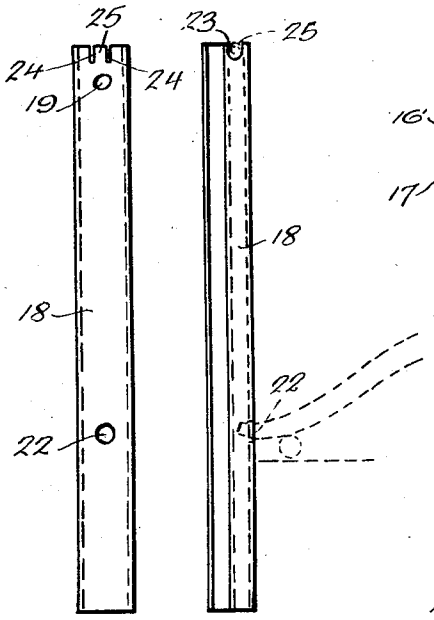


FIG. 2 FIG. 3

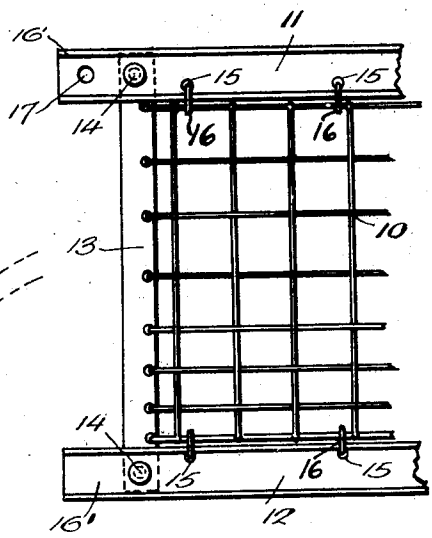


FIG. 4



FIG. 5

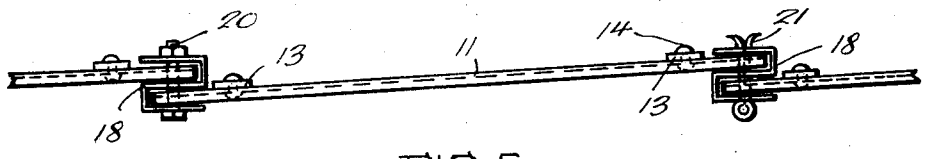


FIG. 6

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FENCING CONSTRUCTION.

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My present invention relates generally to a fencing construction and more particularly to fences for use where a sectional arrangement is desirable in place of the usual stretched fencing, and my object is the provision of a cheap metal fence which may be shipped for sale ready for erection as well as one which will be light in weight, may be erected easily and quickly without special tools or skilled labor.

A further object is the provision of a fence which may be readily taken down and removed without harm and which is sufficiently flexible to permit of ready adjustment in its erection to conform to hilly, rough or uneven surfaces.

A still further object is the provision of a fence including spaced supporting posts permitting of the ready stringing of barbed wire and its effective retention, as well as a fence whose sectional or panel arrangement permits of the opening of passageways or gateways whenever needed.

With the above in mind, the invention is shown in its preferred form in the accompanying drawing which forms a part of this specification, and wherein:

Figure 1 is a side elevation of a portion of the fencing proposed by the invention.

Figures 2 and 3 are respectively a side and edge view of one of the fence posts.

Figure 4 is an enlarged side view of a portion of one of the fence panels.

Figure 5 is a vertical cross section through one of the fence panels, and

Figure 6 is a top plan view of a portion of the proposed fencing.

Referring now to these figures, and particularly to Figures 1, 4, 5 and 6, I have shown a fencing construction which includes a series of similar sections or panels, each including a generally rectangular frame having a covering of suitable woven wire or wire mesh 10. Each frame consists of upper and lower horizontal rails 11 and 12, which may be channel beams or other metal bars of stock form, and upright end bars 13, the latter of which have their upper and lower ends permanently but loosely connected to the upper and lower rails 11 and 12 as by means of rivets 14. The upright end bars 13 also have therealong series of openings through which the ends of the wires of the mesh covering 10 are fastened, and the upper and lower rails 11 and 12 are further provided with spaced openings 15 through which loops or rings 16 of wire and the like may be used to connect the upper and lower edges of the mesh covering 10. The ends of the upper and lower rails 11 and 12, it will be noted, project beyond the upright end bars 13 for a purpose to be hereinafter described, the projecting portions being indicated at 16 and the said projections of the upper rails 11 having openings 17.

The posts 18 between which the panels extend, and as best shown in Figures 2, 3 and 6, are each of the S-shape in cross-section plainly indicated in Figure 6 and of such formation from end to end so that they may be stamped or rolled from metal of light weight and still be strong and rigid by virtue of their three adjacent webs. Furthermore these webs form between them oppositely opening side channels or grooves into which the projections or extensions 16′ of the panel rails 11 and 12 may be extended whereby the ends of the rails thus overlap and their openings 17 may be brought into registry with one another and with upper openings 19 of the posts for the reception of either bolts 20 or large cotter pins 21 as shown in Figure 6 whereby two adjacent panels may be detachably connected at the same time to each post. The lower projections 16′ are not attached but simply extend loosely into the post channels or grooves and the panels or fence sections are thus suspended in readily detachable relation in connection with the posts.

Each of the posts 18 also has a lower opening 22 spaced above its lower end and positioned to act both as a guide or gauge in planting the post as well as an engaging point for a prying bar when removing the post as seen in dotted lines in Figure 3. Each post also preferably has at its upper end a groove 23 and has one web at one side of the groove vertically slitted as at 24 to form a tongue 25 between the slits. In this way a strand of barbed wire 26 may if desired be strung along the several posts 18 within the grooves 23 and effectively held by bending the tongues 25 inwardly thereover as indicated in dotted lines in Figure 3.

In erecting the fence, the posts 18 are driven into the ground at properly spaced points along the fence line by any suitable means, leaving the lower gauge openings 22 just above the ground level as seen in Figure

1. For this purpose cap pieces (not shown) may be used upon the upper ends of the posts to prevent distortion thereof under the effect of hammer or mallet blows. The panels are then placed between and connected to the posts in the manner described, the loose connection between the rails 11 and 12 and the end bars 13 obviously permitting considerable distortion of the panels where this is necessary to conform to the contour of the ground.

The fencing is thus completely erected except where a barbed wire strand is to be used in the manner above outlined, and it is plain that the fence so erected may be readily taken down for subsequent use at another point and that a panel may be easily removed at whatever point desired for the formation of a gateway or passageway as may be needed from time to time.

The panels may be fabricated at the point of manufacture and shipped in units while the posts may be bundled for shipment.

I claim:

The combination with spaced fence posts each having vertical grooves at its opposite sides, of panels comprising upright end bars and loosely pivoted upper and lower rails, said rails having extensions projecting into said grooves and holes in the extensions of the upper rails, and detachable fastening devices passed through said holes and complementary holes in the fence posts.

In testimony whereof I have affixed my signature.

CHARLES K. JACKSON.