

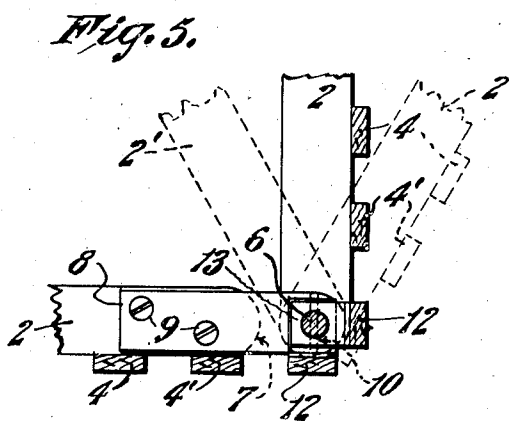
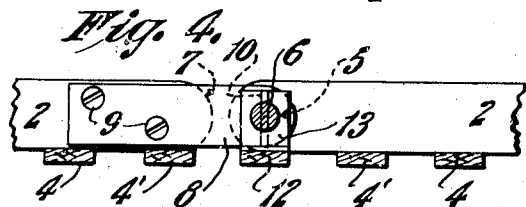
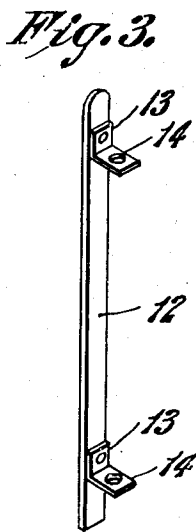
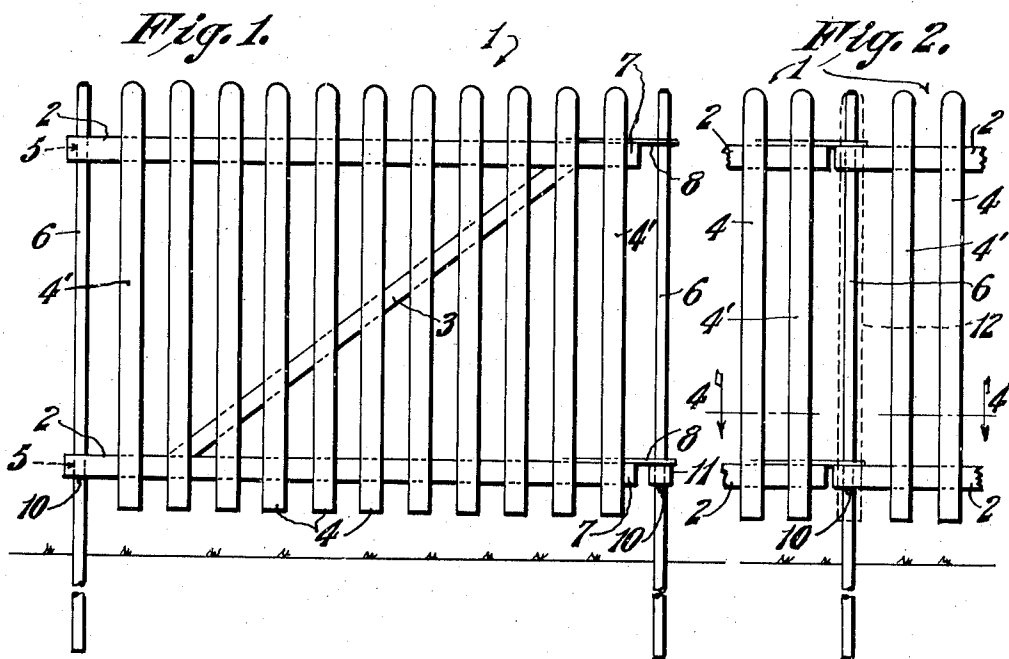
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FENCE

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FENCE

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2 Claims. (Cl. 256—26)

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This invention relates to improvements in fences, and is, particularly, an improvement in a fence panel or unit.

An object of this invention is the provision of a fence panel or unit which may be used, singly or in multiple, to provide fencing of any desired length, either straight or including angles ranging from acute to obtuse.

A further object of this invention is the provision of a fence panel and cooperating posts which may be installed without tools, other than possibly a light hammer or the like.

A still further object of this invention is the provision of a fence panel or unit and cooperating elements which, when used in multiple, will present an unbroken line of equally spaced pickets.

Another object of this invention is the provision of a fence panel or unit which is simple and economical of construction, strong and durable in use, and which may be packed and shipped in a compact, flat package of relatively light weight.

These, and other advantages and objects of this invention will be described and explained in this specification, the accompanying drawings, and the appended claims.

Broadly, this invention comprises a fence panel frame provided with equally spaced pickets, end posts for the frame, means on the frame for slidable engagement on the posts whereby two adjacent panels may have adjacent ends supported on the same post, and a single picket unit having means for support on the post in line with and in front of the post, the post being spaced from the nearest frame picket a distance equal to the picket spacing on the frame.

A preferred embodiment of this invention is illustrated in the accompanying drawings, in which

Fig. 1 is a front elevational view of the fence panel,

Fig. 2 is a front elevational view of adjoining panel ends supported on a single post,

Fig. 3 is a perspective view of the single picket unit,

Fig. 4 is a plan sectional view taken on the line 4—4 of Fig. 2, and

Fig. 5 is a view similar to Fig. 4, showing angular arrangements of adjoining fence panels.

Referring now to the drawings in detail, in which like numerals refer to like parts throughout,

A fence panel 1 includes a frame having stringers 2, cross brace 3, and pickets 4. One

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end of the stringers 2 is bored at 5 to receive a post 6. The opposite ends of the stringers 2 are cut short, close to the end picket 4', and rounded, as indicated at 7 in Figs. 4 and 5. A thin, flat plate 8 is secured on each of the upper faces of the stringers 2 by means of screws 9 or the like, and the plates 8 extend beyond the ends 7 of the stringers 2 and are bored or punched to receive the post 6. The posts 6 are provided with stop and supporting pins 10 upon which the lower of the stringers 2 is supported, as indicated at the left in Fig. 1 and in Fig. 2. When a post 6 serves as an end post, as indicated at the right of Fig. 1, a spacing collar 11 is slipped down over the post 6, between the pin 10 and the plate 8.

In assembling the fence panels 1 to provide a continuous fence, the stringers 2 of the panels 1 are supported on the posts 6 with the plates 8 of one panel overlapping the bored stringer ends of the adjacent panel, as indicated in Fig. 2, with the bored ends of the stringers 2 resting on the pins 10. The plates 8 and bored ends of the stringers 2 are freely rotatable on the posts 6, and the panels 1 may be arranged in a straight line, as indicated in Fig. 4, or they may be arranged at an angle, as indicated in Fig. 5, the end 7 of the stringer 2 providing clearance sufficient to permit an acute angle, if desired, as indicated by dotted lines at 2' in Fig. 5.

The posts 6 are preferably made of round steel rod of small diameter, which may be easily slipped into the ground. However, if the ground is hard, tapping with a small hammer is all that is needed.

The pickets 4 may be spaced on the stringers 2 in any desired manner. In the preferred form illustrated in the drawings, the pickets 4 are evenly spaced. When even spacing is used, it is desirable that this even spacing be continuous for the total length of the fence. For this purpose, the post holes in the ends of the stringers 2 and in the plates 8 are spaced from the adjacent pickets 4' a distance equal to the picket spacing, and a picket unit 12, provided with supporting clips 13 bored at 14 to receive the posts 6, is installed in front of the posts 6, as indicated by dotted lines in Fig. 2, and in full lines in Figs. 4 and 5.

By the use of this fence panel, fences of any desired length may be installed, either straight, or angular, or both, and the stringers 2 will be in alignment, and the pickets 4 will be equally spaced throughout the total length of all straight portions of the fence.

What I claim is:

1. A fence panel comprising a frame including upper and lower parallel horizontal stringers, a plurality of vertical pickets secured on said stringers in spaced relation, a vertical post slidably engaged in one end of each of said stringers, flat plates secured on the opposite ends of said stringers and extending beyond said opposite ends, a second vertical post slidably engaged in said plates, means for supporting one of said stringers on said posts, separate picket members provided with clips for slidable engagement on said posts, whereby said separate picket members are positioned in front of said posts and parallel to and in alignment with said vertical pickets.

2. A fence panel comprising a frame including upper and lower parallel horizontal stringers, a plurality of vertical pickets secured on said stringers in equally spaced relation, a vertical post slidably engaged in one end of each of said stringers, flat plates secured on the upper faces

of the opposite ends of said stringers and extending beyond said opposite ends, a second vertical post slidably engaged in said plates, each of said posts being spaced from the adjacent vertical picket a distance equal to the picket spacing, means for supporting one of said stringers on said post, separate picket members removably supported on said posts in front of said posts and parallel to and in the same plane with said vertical pickets.

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