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F. C. LINDH

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FENCE CONSTRUCTION

Filed May 22, 1931

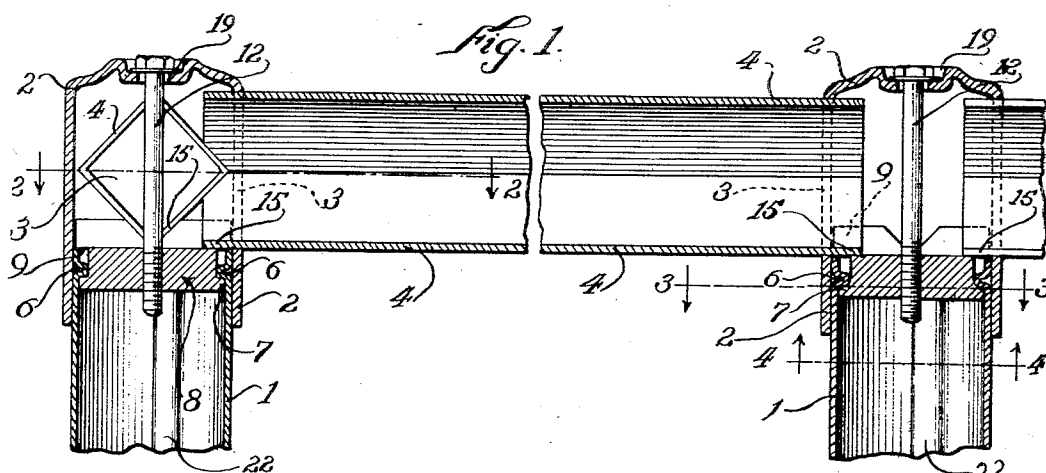


Fig. 2.

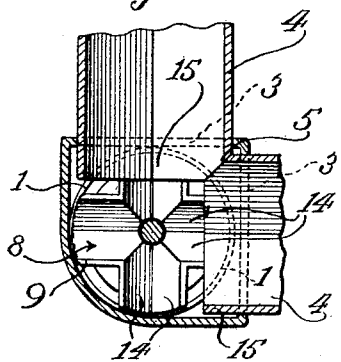


Fig. 4.

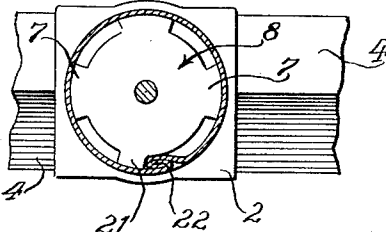


Fig. 3.

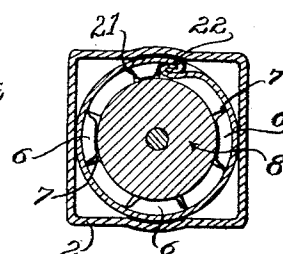


Fig. 5

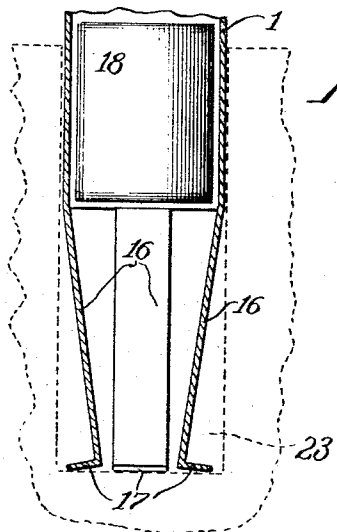
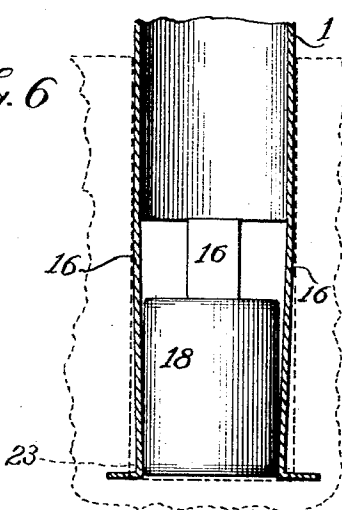


Fig. 6



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UNITED STATES PATENT OFFICE

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FENCE CONSTRUCTION

Application filed May 22, 1931. Serial No. 539,244.

My invention relates to a fence post and rail construction and more particularly to fences such as may be used around lawns, parkways and the like.

5 It has, heretofore, in the construction of fences of this class, been necessary that the upright members be placed into the ground at a very considerable depth, in order to obtain rigidity. Further, the rail members have
10 been joined to each other by a method of union similar to that employed in gas or fluid lines.

One of the objects of my invention is to provide a post construction which can be easily and quickly set and anchored in position;

15 A further object is to provide an improved form of connection for the rail members;

A further object of my invention is to provide a fence construction wherein a rigid structure may be obtained with a minimum of material;

20 A further object is to provide a construction wherein the rail members may be, in cross-section, square, circular, or any other desired shape or contour;

25 A still further object is to provide a construction which may be assembled with great ease;

Other objects will appear from the description and claims.

30 In the drawing in which my invention is illustrated on a reduced scale,

Figure 1 is a vertical section through a construction embodying my invention;

35 Fig. 2 is a section on the line 2—2 of Figure 1;

Fig. 3 is a section on the line 3—3 of Figure 1;

40 Fig. 4 is a section on the line 4—4 of Figure 1;

Fig. 5 is a showing in vertical section of the lower portion of the post member; and

Fig. 6 is a showing of the same in its ultimate position.

45 Referring to the drawing in detail, the embodiment shown comprises an upright post 1 over which is placed the union member 2, said union member having one or more openings 3 of suitable size and shape to receive
50 the rail members 4, said rail members being

provided with angular cut portions 5 at their point of juncture. The post 1 has adjacent its upper edge a plurality of struck-in portions 6 under which the complementary lugs 7 of the clamping member 8 may be retained. 55 The clamping member 8 is prevented from falling into the post 1 by means of its flange 9 extending over the upper edge of said post. A bolt 12 extends inwardly from an opening 19 in the union member. The clamping
60 member 8 has provisions for receiving the screw-threaded portion of said bolt 12 and is provided with jaws 14 into which are placed the lower edges of the ends 15 of the rail mem-
65 bers 4.

In Fig. 5 the lower portion of the post 1 has struck therefrom a plurality of tongues 16, said tongues being provided with angular portions 17.

70 In Fig. 6 the plug 18 has been driven downwardly causing said tongues to be forced outwardly, whereby angular portions 17 enter medium surrounding post 1 and anchor the same in position.

75 To assemble the fence thus shown and described, suitable holes 23, indicated by dotted lines, are drilled in the ground into which are placed the posts 1. After said posts have been placed in their proper positions the
80 plugs 18 are driven down to anchor said posts. The clamping members are then placed in the upper ends of the posts 1 and are retained in position by means of the complementary lugs 6 and 7 in the usual bayonet or breech-
85 lock fitting. The said clamp member 8 is rotated until its lug 21 abuts the lock-seam 22 of the post 1, said seam preventing any further rotation.

90 The union member is then placed over the clamp members and the upper end of post 1. The bolt 12 is then inserted and given two turns, thus preventing the assembly up to this point from falling apart.

95 The rail members 4 are then inserted into the openings 3 of the union member so that the lower edges 15 rest in the jaws 14 provided in the clamp member 8. The bolt 12 is then tightened, causing the entire assembly to become rigid and immovably related.

I have thus shown and described a fence 100

construction which will be easy and economical to manufacture and which will be quickly and efficiently installed in desired places.

While I have described my invention for use around lawns and parkways, it will be evident to those skilled in the art that it may be used in any place where a fence having related characteristics to that described may be desired. It will also be apparent that numerous modifications may be made and I, therefore, desire to be limited only by the prior art and the scope of the appended claims.

Having thus shown and described my invention, what I claim and desire to secure by Letters Patent is:

1. A fence post construction comprising a tubular post, a clamping member secured adjacent the upper end of the post having a lower jaw portion for engagement with the outside of a horizontal frame member, a second clamping member having an upper jaw portion for engagement with said horizontal member and a skirt portion surrounding the upper end of the tubular post, and means for drawing said clamping members together to grip the horizontal member.

2. A fence post construction comprising a tubular post, an anchorage member secured in the upper end of said post and having a screw-threaded opening and a clamping member having a jaw portion for engaging

a horizontal frame member and having a skirt portion surrounding the upper end of the post, and means for drawing said clamping member downwardly to grip the horizontal member comprising a screw swiveled in said clamping member and threaded into said anchorage member.

3. A fence post construction comprising a tubular post, a clamping member secured adjacent the upper end of the post having a lower jaw portion for engagement with the outside of a horizontal frame member, a second clamping member having an upper jaw portion for engagement with said horizontal member, and a skirt portion surrounding a part of the lower jaw portion in telescopic relation, and means for drawing said clamping members together to grip the horizontal member.

4. A fence post construction comprising a tubular post, a clamping member secured adjacent the upper end of the post having a lower jaw portion for engagement with the outside of a horizontal frame member, a second clamping member having an upper jaw portion for engagement with said horizontal member, and a skirt portion in telescopic relation with the lower jaw member, said skirt portion having an opening through which the end of the horizontal member is inserted for engagement by the jaw members.

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