

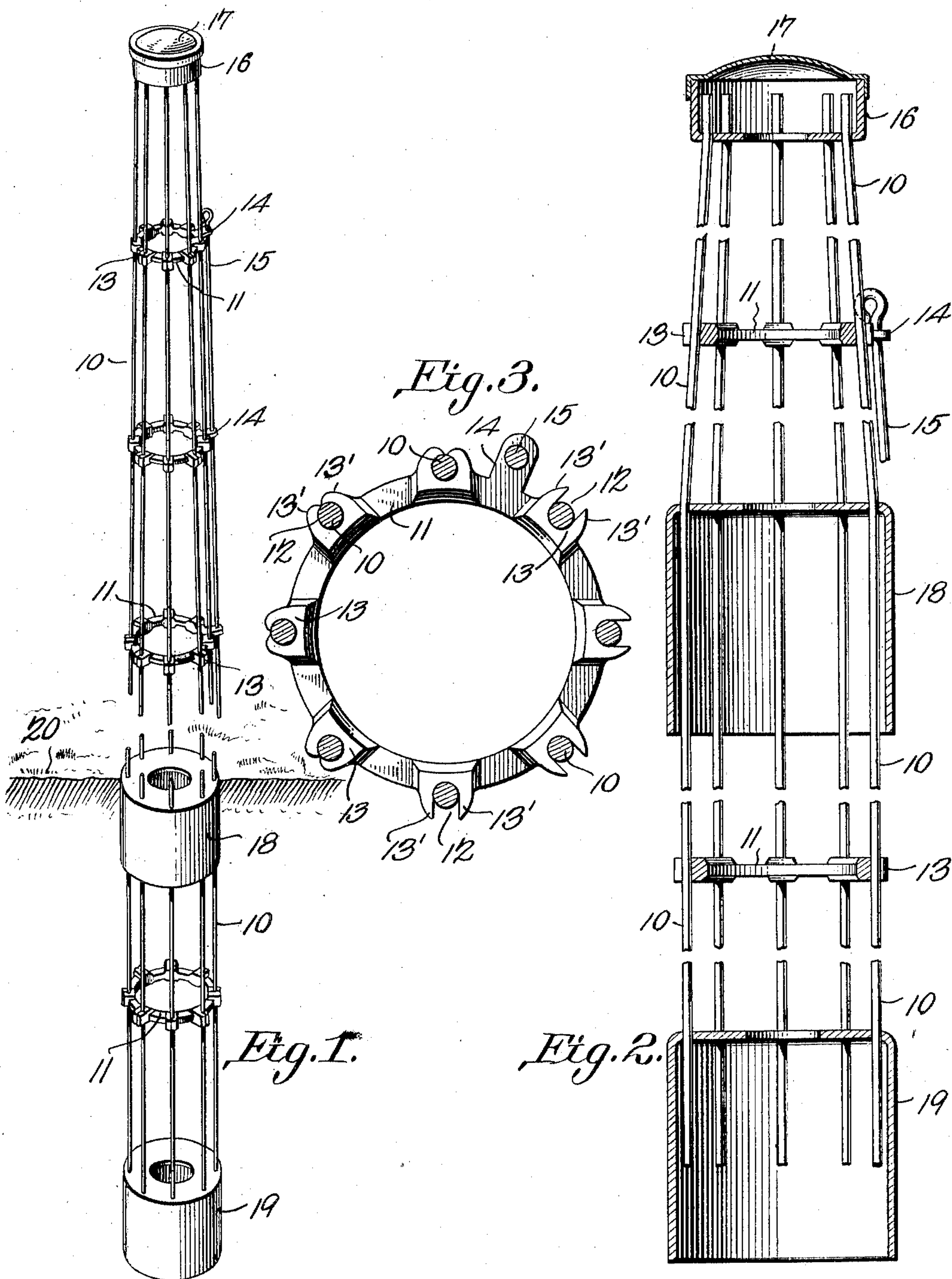
No. 760,167.

PATENTED MAY 17, 1904.

D. WARNER.
POST.

APPLICATION FILED AUG. 12, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

DANIEL WARNER, OF BRONSON, MICHIGAN.

POST.

SPECIFICATION forming part of Letters Patent No. 760,167, dated May 17, 1904.

Application filed August 12, 1903. Serial No. 169,254. (No model.)

To all whom it may concern:

Be it known that I, DANIEL WARNER, a citizen of the United States, residing at Bronson, in the county of Branch and State of Michigan, have invented a new and useful Post, of which the following is a specification.

This invention relates to posts adapted for fences and similar structures, telegraph and telephone poles, electric-conductor poles, and other purposes requiring supporting poles or posts, and has for its object to improve the construction of such devices without increasing the expense or weight, while at the same time increasing the strength and durability.

The invention consists in certain novel features of construction, as hereinafter shown and described, and specified in the claims.

In the drawings illustrative of the invention, in which corresponding parts are denoted by like designating characters, Figure 1 is a perspective view of one of the improved posts. Fig. 2 is a sectional detail illustrating the construction. Fig. 3 is a transverse section enlarged.

The improved post may be of any desired length and size and employed for any required purpose, as above noted, but for the purpose of illustration is shown adapted as a fence-post.

The improved post consists of a plurality of longitudinal rods 10, spaced apart and preferably arranged in a circle, as shown. The rods are connected at suitable intervals by stay-plates 11, preferably in the form of flat metal rings, and provided with spaced radial recesses 12, in which the rods 10 are supported, as shown. The metal of the plates where the recesses occur are preferably thicker than at other portions to increase the vertical surfaces of the walls of the recesses, as at 13, and having their side walls extended to form spaced lugs 13', and when the rods are in place they will be firmly secured by bending the lugs 13' inward over the rods, as shown at the left in Fig. 3, which represents an enlarged section with a number of the lugs "clenched" to the rods, while the remainder are shown in position prior to the "clenching."

Ears 14 will be formed upon the plates 11 at one side to receive and support a rod 15, upon which the gate may be hinged or to which the fence panel or wires may be connected as required. The upper plate 11 will preferably be formed with a flange 16 extending longitudinally of the rods and provided with a cap member 17 to form a finish or closure to the post and may be of fanciful design, if desired. The lowermost plate 11 and also the one which comes level with the surface of the ground will likewise be formed, respectively, with longitudinally-extending flanges 18 19, as shown, to increase the area with which the earth and tamping engage, and thus increase the "grip" of the tamping and correspondingly increase the rigidity of the post without materially increasing the weight or expense of construction. By placing the relatively wide flange 18 at or near the surface of the ground (indicated at 20) the lateral strains are more efficiently resisted, as will be obvious. By this simple means a very strong, efficient, and rigid post is produced, which may be constructed of any size or length and with any size of rod or plate.

The rods may be of any required size and as many employed as may be required, and the stay-plates may likewise be of any required size and placed at as close intervals as required.

The "tamping" will be inserted within the portion of the post beneath the ground to increase the stability, and a concrete or other similar "bedding" may be employed, if required.

The members 11 will preferably be of some form of metal, such as malleable iron, which will permit the clenching of the portions 13'.

Having thus described the invention, what I claim is—

1. A post comprising a plurality of spaced rods and spaced stay-plates having spaced recesses to receive the rods, the plate at the upper ends of the rods having an upwardly-extending flange and a cap fitting over said flanges.

2. A post composed of spaced rods connected at intervals by stay-plates having spaced re-

cesses to receive the rods, the side walls of said recesses contiguous to the rods being clenched around the rods, ears extending radially from said plates, and a rod extending vertically through said ears, substantially as specified.

5 3. A post composed of spaced rods connected at intervals by bands having spaced thickened portions provided with open slots or recesses to receive the rods, and lugs extending from

the opposite sides of said recesses and adapted to be clenched around said rods.

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

DANIEL WARNER.

Witnesses:

HENRY WAIT,
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