

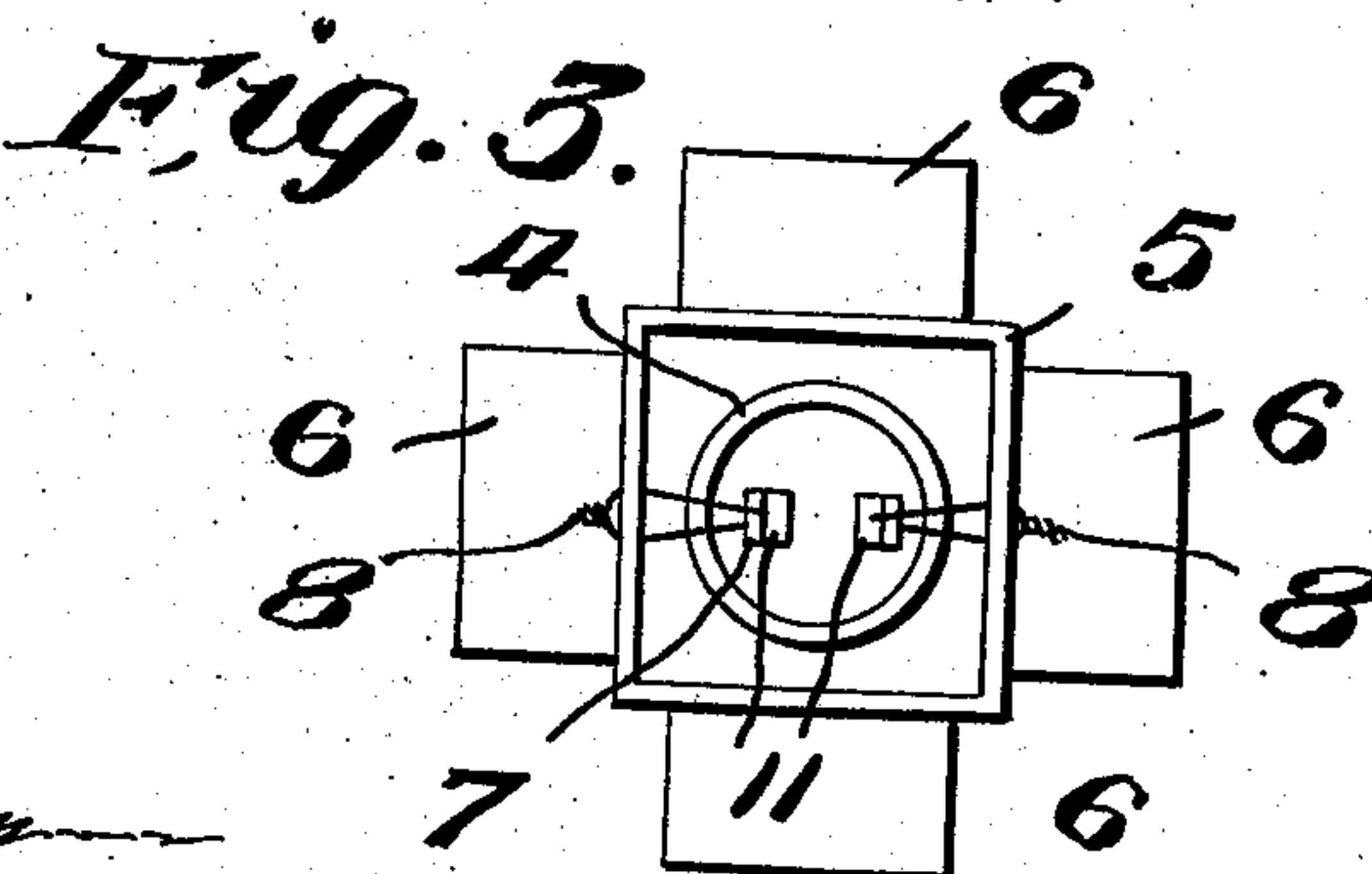
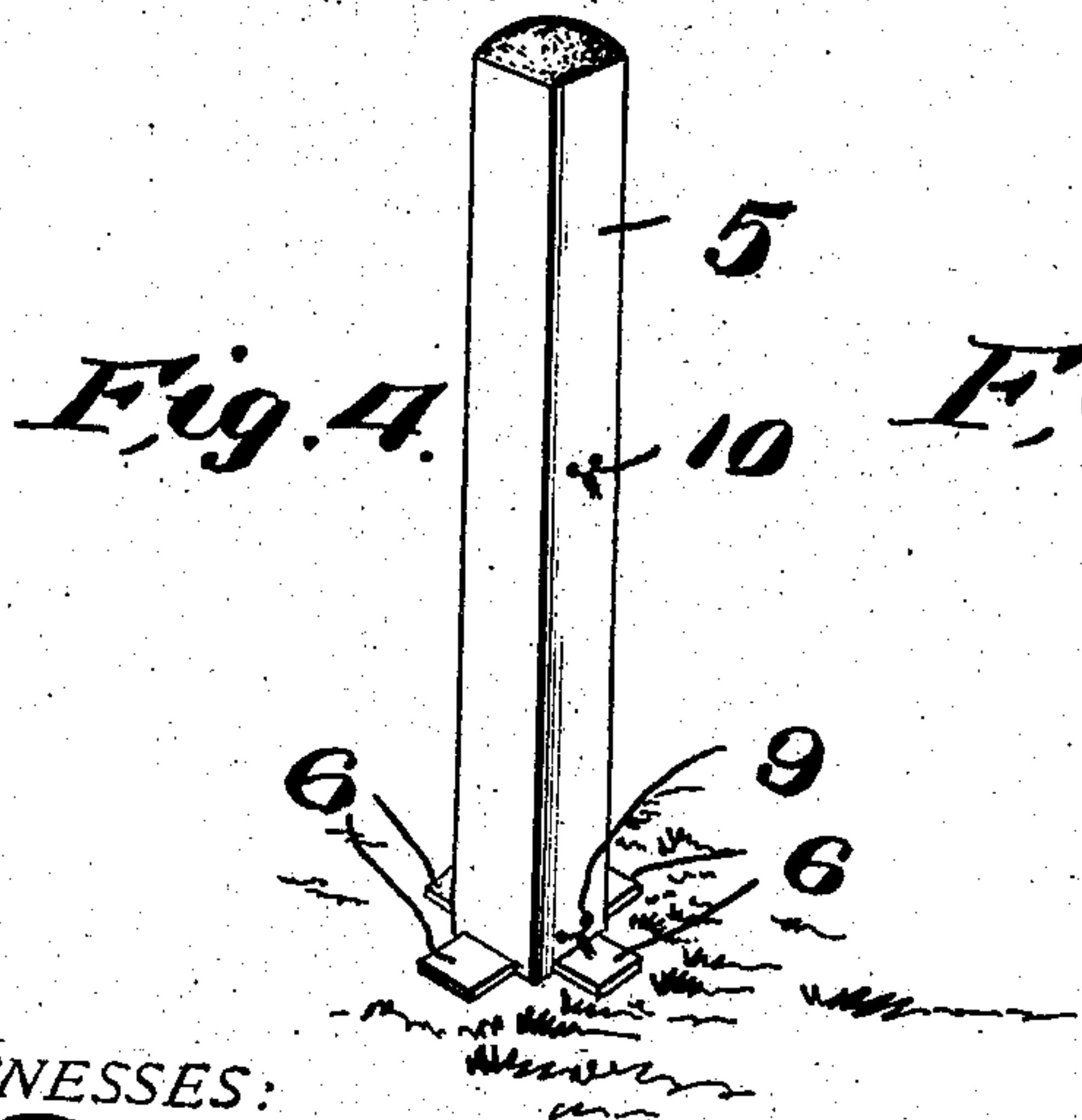
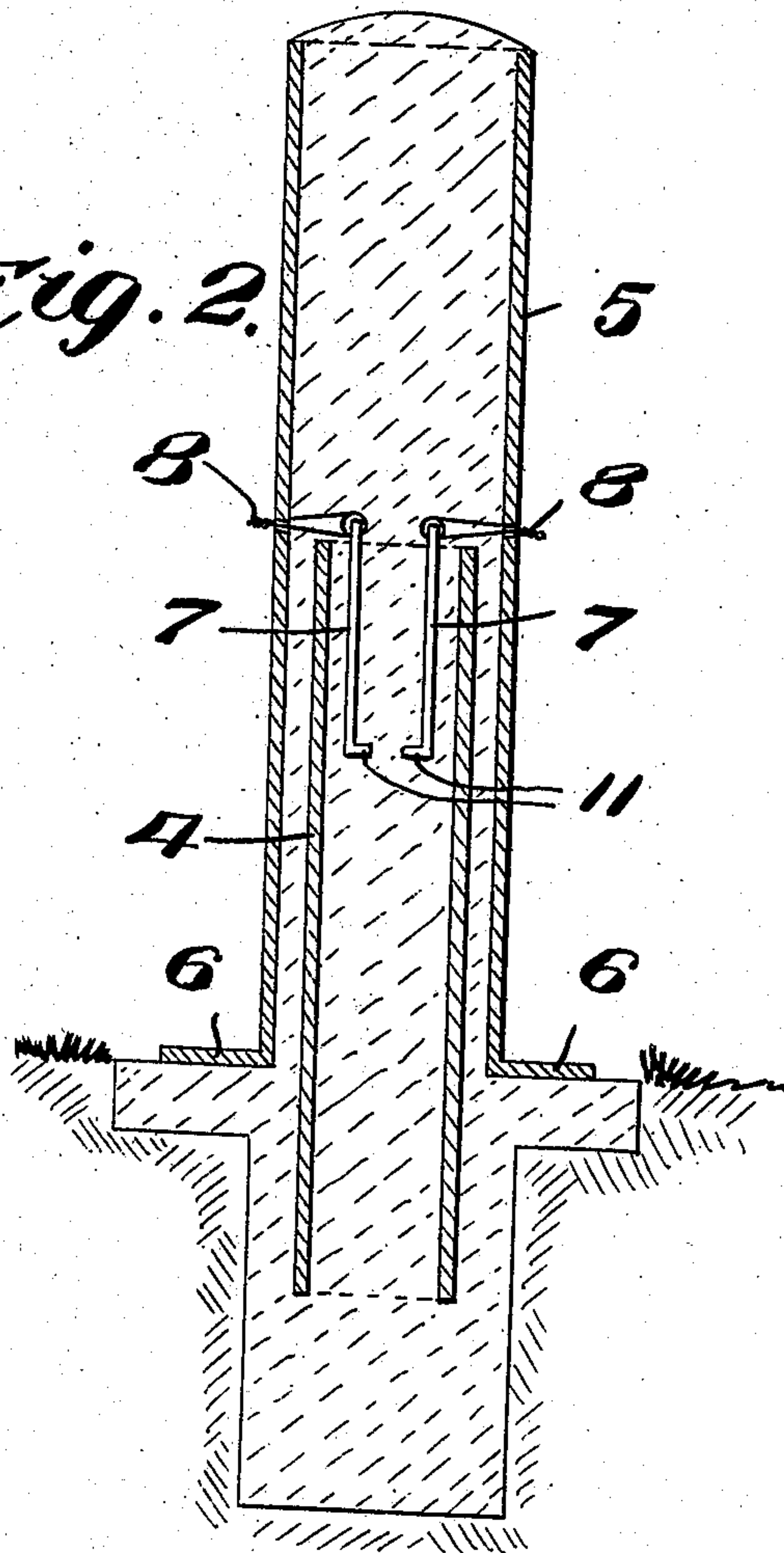
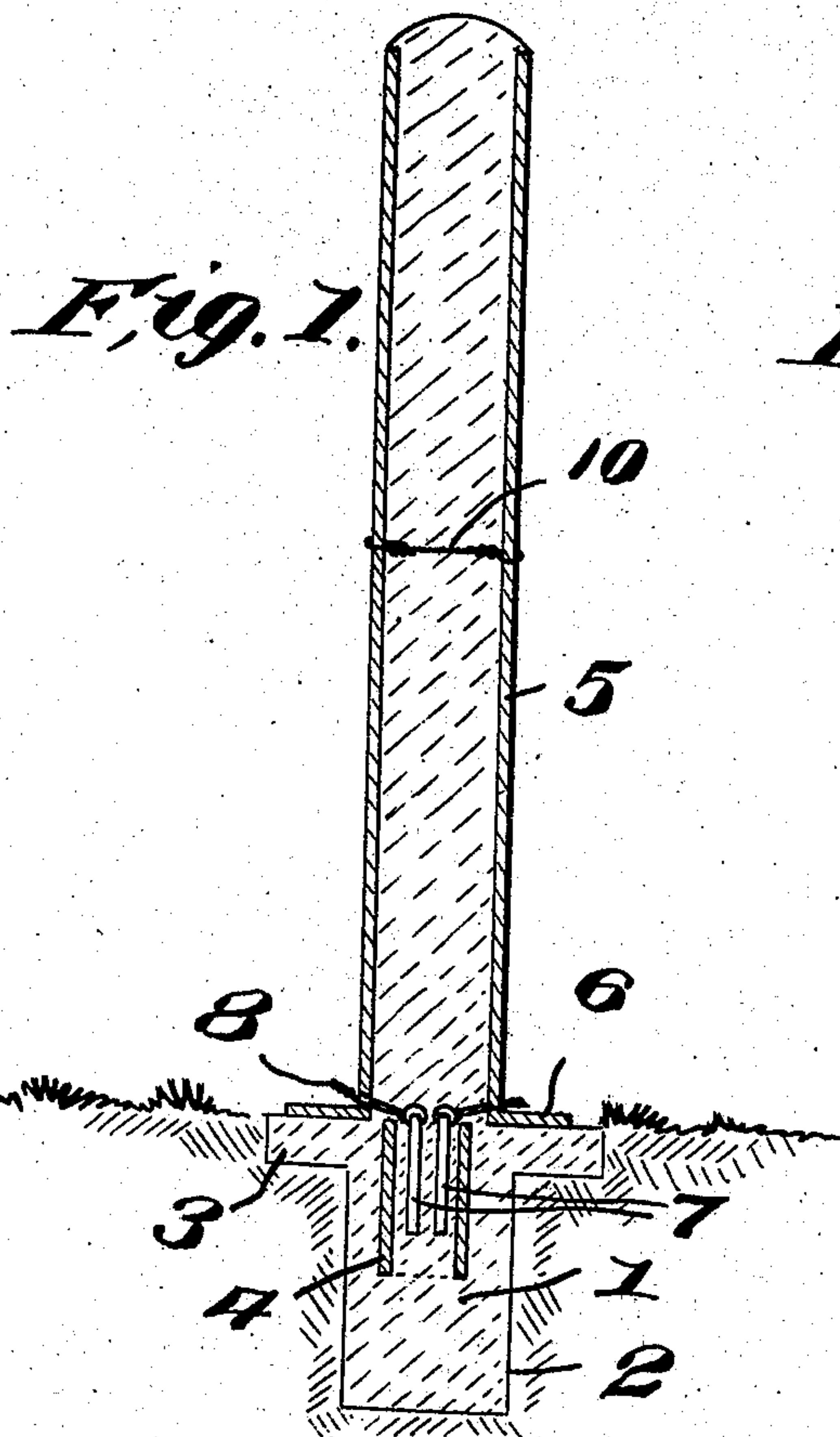
No. 894,794.

PATENTED JULY 28, 1908.

J. H. HUFFORD.

FENCE POST.

APPLICATION FILED SEPT. 23, 1907.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES H. HUFFORD, OF MUNCIE, INDIANA.

FENCE-POST.

No. 894,794.

Specification of Letters Patent.

Patented July 28, 1908.

Application filed September 23, 1907. Serial No. 394,135.

To all whom it may concern:

Be it known that I, JAMES H. HUFFORD, a citizen of the United States, residing at Muncie, in the county of Delaware and State of Indiana, have invented certain new and useful Improvements in Fence-Posts; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in fence posts, and my object is to provide means for forming a combined metallic and plastic fence post without employing the usual form of mold.

A further object is to provide means for reinforcing the parts of the post receiving the greatest amount of strain, and a still further object is to provide means for holding the metallic portions of the post in position while the plastic portion of the post is being formed.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claims.

In the accompanying drawings which are made a part of this application, Figure 1 is a vertical sectional view through that form of post employed in constructing fences. Fig. 2 is a sectional view through that form of post employed for supporting gates or for corner posts. Fig. 3 is a top plan view of the metallic portions of the post, and, Fig. 4 is a perspective view of the post complete.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates the base of my improved post, which is preferably constructed of plastic material, and is formed by digging a cavity 2 in the earth's surface, and filling the same with the plastic material, the upper end of the cavity being preferably enlarged to form a ledge 3 at the upper end of the base.

In order to reinforce the base, I embed therein a reinforcing member which preferably consists of a hollow tile 4, which is entirely surrounded by the plastic material, and is also filled with the plastic material, and in order to properly locate the tile in the base, the cavity 2 is filled to a certain height with the plastic material, and the tile then placed thereon, and the remainder of the cavity then filled, which will result in completely embedding the tile in the base.

After the base has been formed, I seat thereon the metallic portion of the post, which consists of a frame 5 which is provided with plates 6 at its lower end, which plates extend at right angles to the longitudinal axis of the frame, and rest upon the ledge 3 formed on the base 1, the plates forming a support for the frame, and in order to hold the frame in position over the base 1 and prevent the same from slipping or moving out of position, I enter anchor bars 7 in that portion of the plastic material within the tile 4 and secure to the upper ends of the anchor bars tie-wires 8, said wires being passed through openings in the anchor bars and the two ends of each wire brought together to form the wires into loops, after which the ends of the wires are directed through bores 9 in the frame 5 and twisted together, said wires passing to opposite sides of the frame. After the frame 5 is thus anchored upon the base 1, the frame is filled with plastic material, and in order to protect the upper end of the frame and prevent water from entering the frame, the plastic material is raised above the upper end of the frame and extended over the edges thereof, the upper surface of the plastic portion of the post being rounded so as to readily shed the water.

The frame 5 may be likewise reinforced by disposing a brace wire 10 through the cavity in the frame 5, and securing the ends thereof to the walls of the frame. In Fig. 2 of the drawing, I have shown the form of post employed as a corner post, or for a gate post, and in this instance, the parts of the post are made heavier and the tile is of greater length than is employed in the line post, so as to lend greater strength to the post, and in this instance I have also shown the anchor bars provided with lateral extensions 11 at their lower ends, so as to more securely anchor the same in position.

It will thus be seen that I have provided a very strong form of post and one that is practically indestructible, and it will also be seen that I am enabled to build the post without employing the usual form of mold.

What I claim is:

1. A post of the class described, comprising a base, a ledge surrounding the upper edge of said base, a hollow frame on said base, means to hold said frame in position on the base and plastic material in said frame, and over the upper end thereof.

2. A post of the class described, compris-

ing a base, a tile embedded in the upper end of said base, a hollow frame extending upwardly from said base and plastic material in said frame and extending over the upper
5 end thereof.

3. A post of the class described, comprising a base, a frame on said base, anchor bars in said base, means to secure said frame to the anchor bars and plastic material extending
10 through said frame and over the upper end thereof.

4. A post of the class described, comprising a base of plastic material, a metallic frame having plates at the lower end thereof,
15 means to anchor said frame on the base and plastic material extending through said frame and over the upper end thereof.

5. A post of the class described, comprising a base of plastic material, a ledge surrounding the upper end of said base, a hollow
20 frame above said base, plastic material extending

tending through said frame and over the upper end thereof, means to anchor the frame in position on the base and a reinforcing tile embedded in the plastic material.

6. A post of the class described, comprising the combination with a hollow metallic frame and plates at the lower end of said frame; of plastic material extending through
25 said frame and over the upper end thereof, a base member below said frame, anchor bars for said frame, tie-wires between said anchor bars and frame and a reinforcing member embedded in the base member. 30

In testimony whereof I have signed my
35 name to this specification in the presence of two subscribing witnesses.

JAMES H. HUFFORD.

Witnesses:

S. B. PERDINE,
J. A. JACKSON.