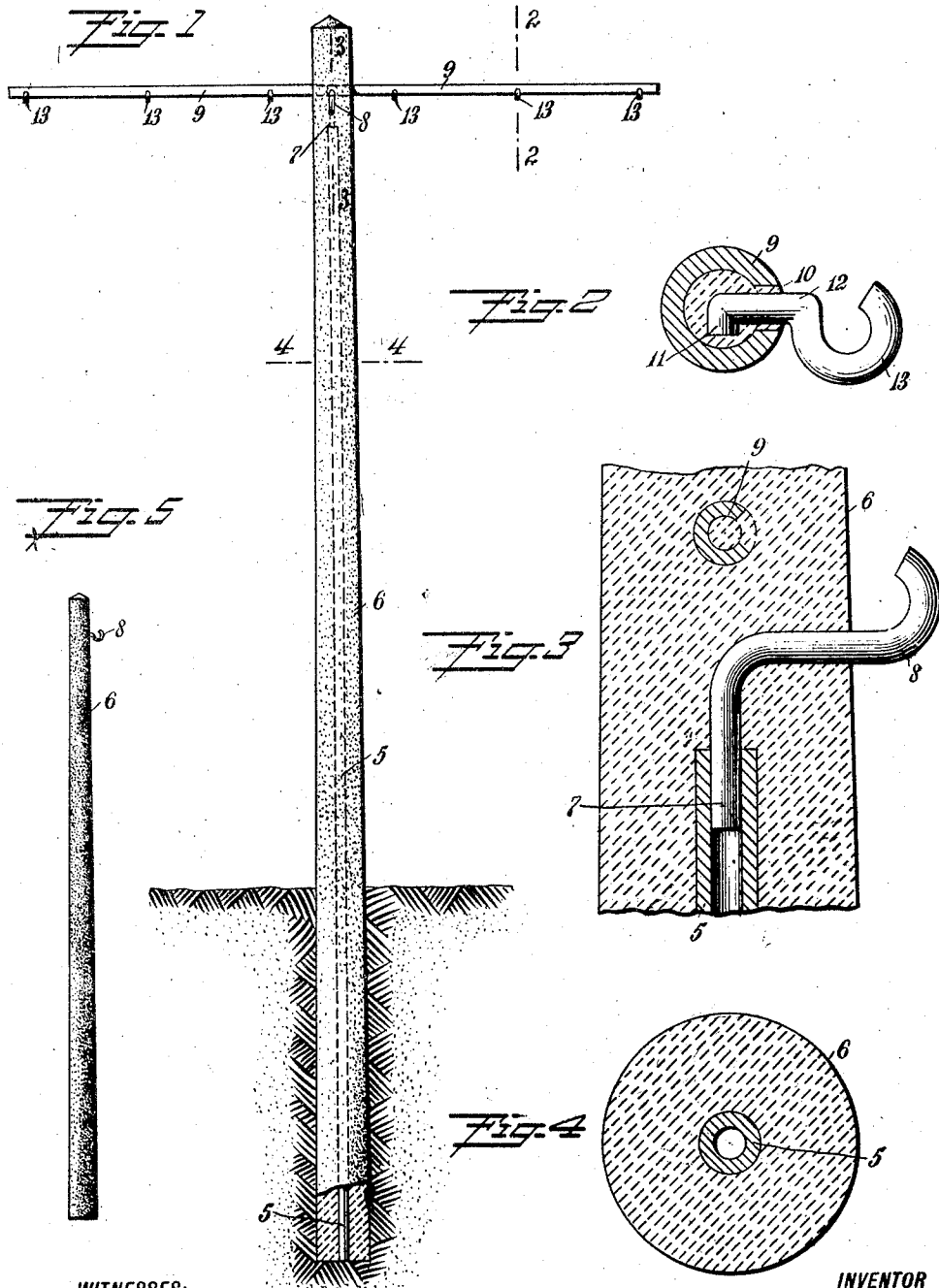


T. H. LAURENT.
CONCRETE POST FOR CLOTHES LINES.
APPLICATION FILED JAN. 19, 1910.

971,904.

Patented Oct. 4, 1910.



WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS H. LAURENT, OF NUTLEY, NEW JERSEY.

CONCRETE POST FOR CLOTHES-LINES.

971,904.

Specification of Letters Patent.

Patented Oct. 4, 1910.

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To all whom it may concern:

Be it known that I, THOMAS H. LAURENT, a citizen of the United States, and a resident of Nutley, in the county of Essex and State of New Jersey, have invented a new and Improved Concrete Post for Clothes-Lines, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: to provide a post for supporting clothes lines which will not rot when placed in the ground or become demolished by exposure to the climate; and to provide a post for the purpose set forth which is durable and economical in manufacture and installation.

One embodiment of the present invention is disclosed in the structure illustrated in the accompanying drawings, in which like characters of reference denote corresponding parts in all the views, and in which—

Figure 1 is a side view, partly in section, of a post constructed in accordance with the present invention; Fig. 2 is a cross section on an enlarged scale, of a cross tree of the extended bracket arm constructed in accordance with the present invention, and taken on the line 2—2 in Fig. 1; Fig. 3 is a fragmentary view in vertical section and on an enlarged scale, of the upper end of the post illustrated in Fig. 1 and taken on the line 3—3 therein; Fig. 4 is a cross section of the post on an enlarged scale taken on the line 4—4 in Fig. 1, and Fig. 5 is a side elevation of the post having a single hook at the top thereof.

As a reinforcement, a metal pipe 5 is employed to prevent the fracture of the cement casing 6 forming the body of the post. The pipe 5 is extended to near the top of the post. In the upper end of the pipe is inserted the shank 7 of a hook 8. The hook 8 has a horizontal extension of a length sufficient to project the hook end beyond the side of the completed post. The shank 7 of the hook 8 is designed to completely fill the pipe 5, as shown in Fig. 3 of the drawings. With the pipe 5 thus engaged with the hook 8, and supported in a proper mold, the post is constructed by pouring or casting within the mold a concrete or grout of suitable composition and consistency. The post, when thus constructed, would have a single

hook, to wit, the hook 8 extended from the side thereof and at near the top. In limited spaces I provide the post with an arm 9 as illustrated in the drawings. The arm 9 is composed of a section of hollow pipe, inside whereof, and at proper intervals, are formed a series of perforations 10. The perforations 10 are designed to pass the bent ends 11 of the horizontal shanks 12, 12 of hooks 13, 13. The hooks 13, 13 are bent to the form illustrated in Fig. 2 of the drawings. The arm 9 is manufactured by placing the shanks 12, 12 of the hooks 13, 13 in position, when a liquid cement is poured into one end of the pipe forming the arm 9, the other end thereof being closed. The cement will flow around and intimately encompass the bent ends 11, 11 and shanks 12, 12 of the hooks 13, 13, thereby simply, rigidly and cheaply anchoring the same in position. With an arm 9 thus constructed, it is obvious that corrosion will not occur within the interior of the said pipe. The outer surface is suitably painted or otherwise protected against corrosion by the elements.

When now a post such as shown in Fig. 1 is constructed, the arm 9 is laid across the mold in the proper position, as shown in the drawings, when the liquid or plastic concrete is placed therein, surrounding the reinforcing pipe 5, hook 8 and the arm 9. When the concrete is set it will be found that a simple, durable and economical post has been constructed.

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

A concrete post for clothes lines comprising a reinforcing hollow metal pipe extended longitudinally therein; a hook having a straight depended extension mounted within the hollow upper end of said pipe and extending beyond the side of the completed post; and a concrete body molded in post shape to surround said reinforcing pipe and the shank of said hook.

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

THOMAS H. LAURENT

Witnesses:

WILLIAM S. WAGER,
VINNIE K. GOTTLIEB.