

No. 793,957.

PATENTED JULY 4, 1905.

O. D. REEVES.
CEMENT POST AND FASTENER.
APPLICATION FILED APR. 20, 1905.

Fig. 1.

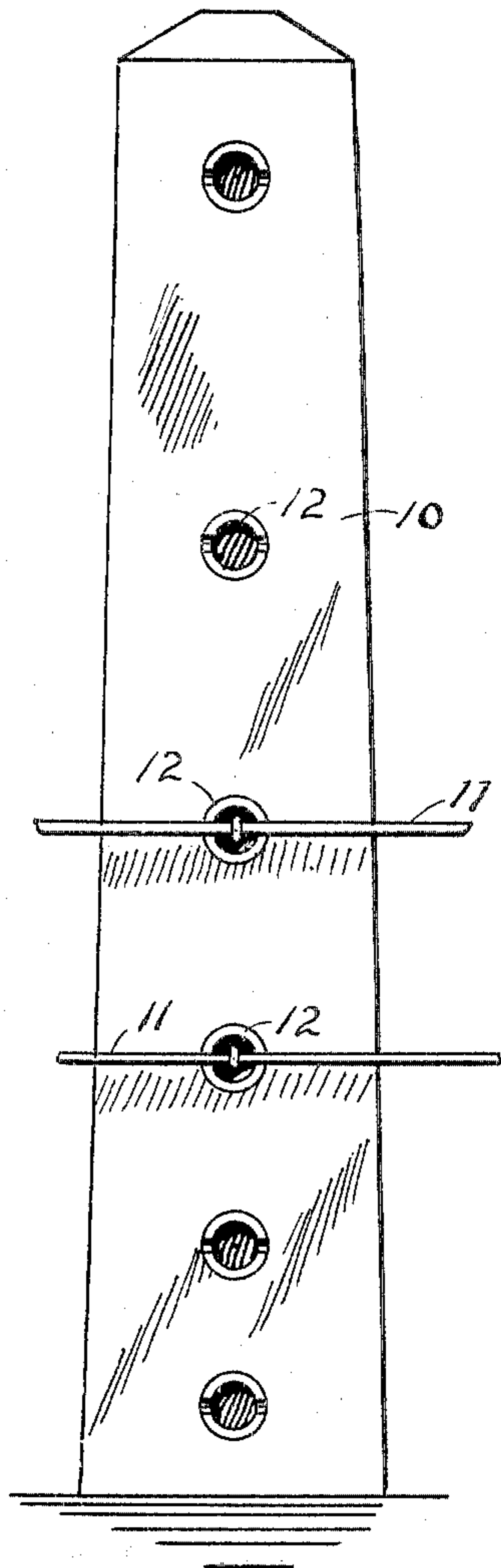


Fig. 2.

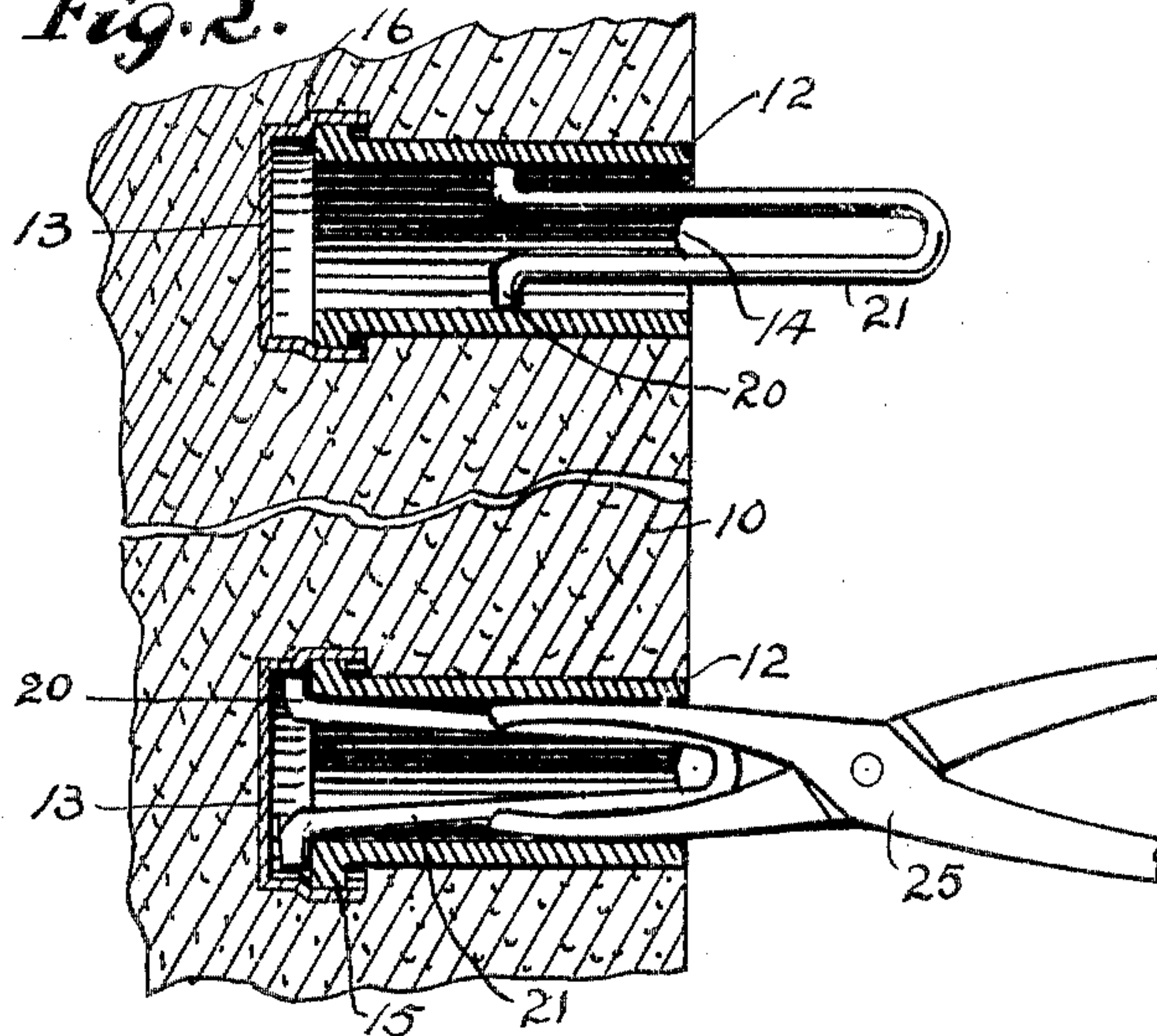


Fig. 3.

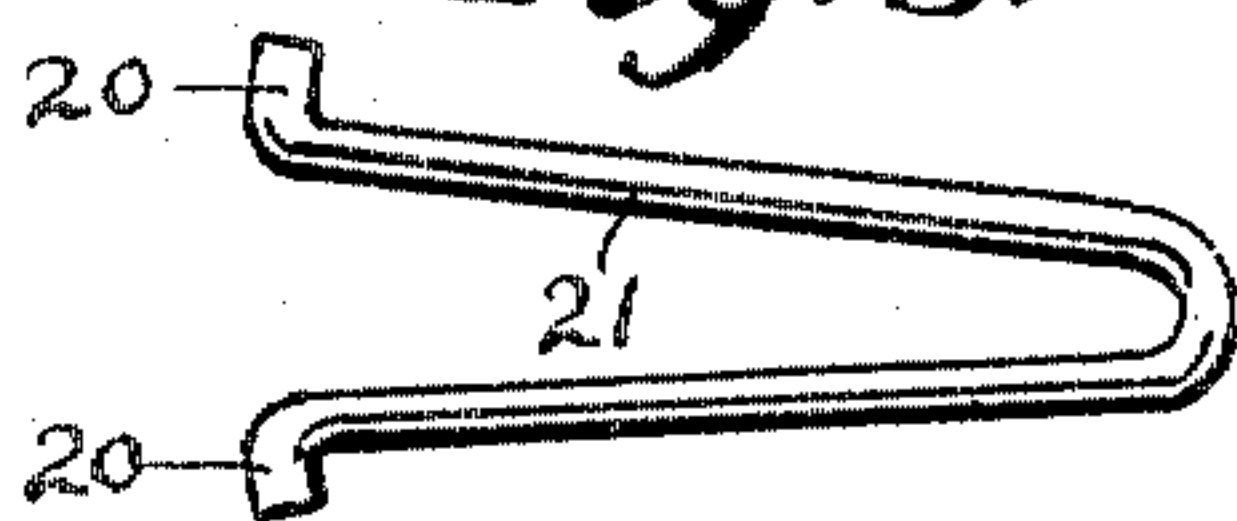


Fig. 4.

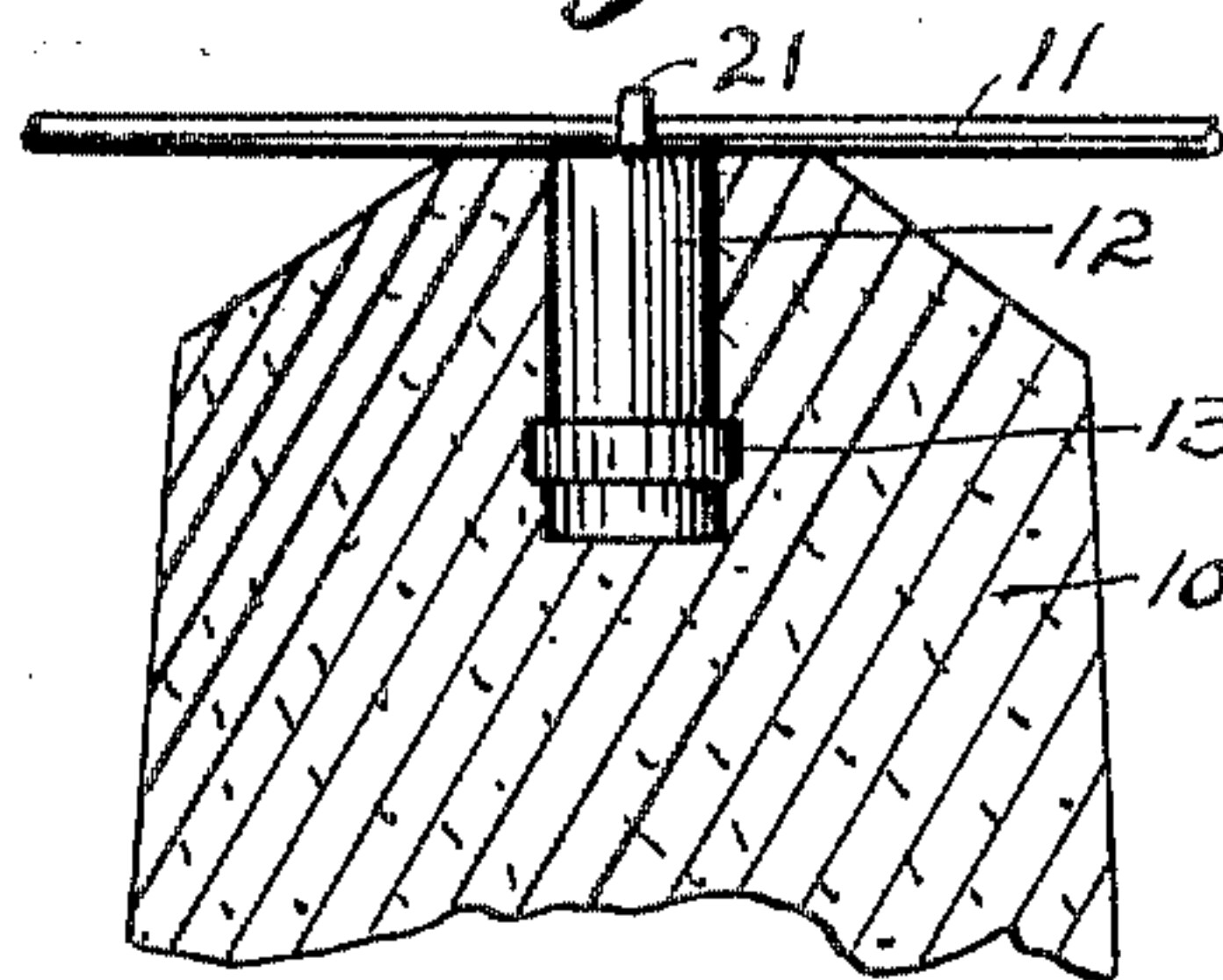


Fig. 5.

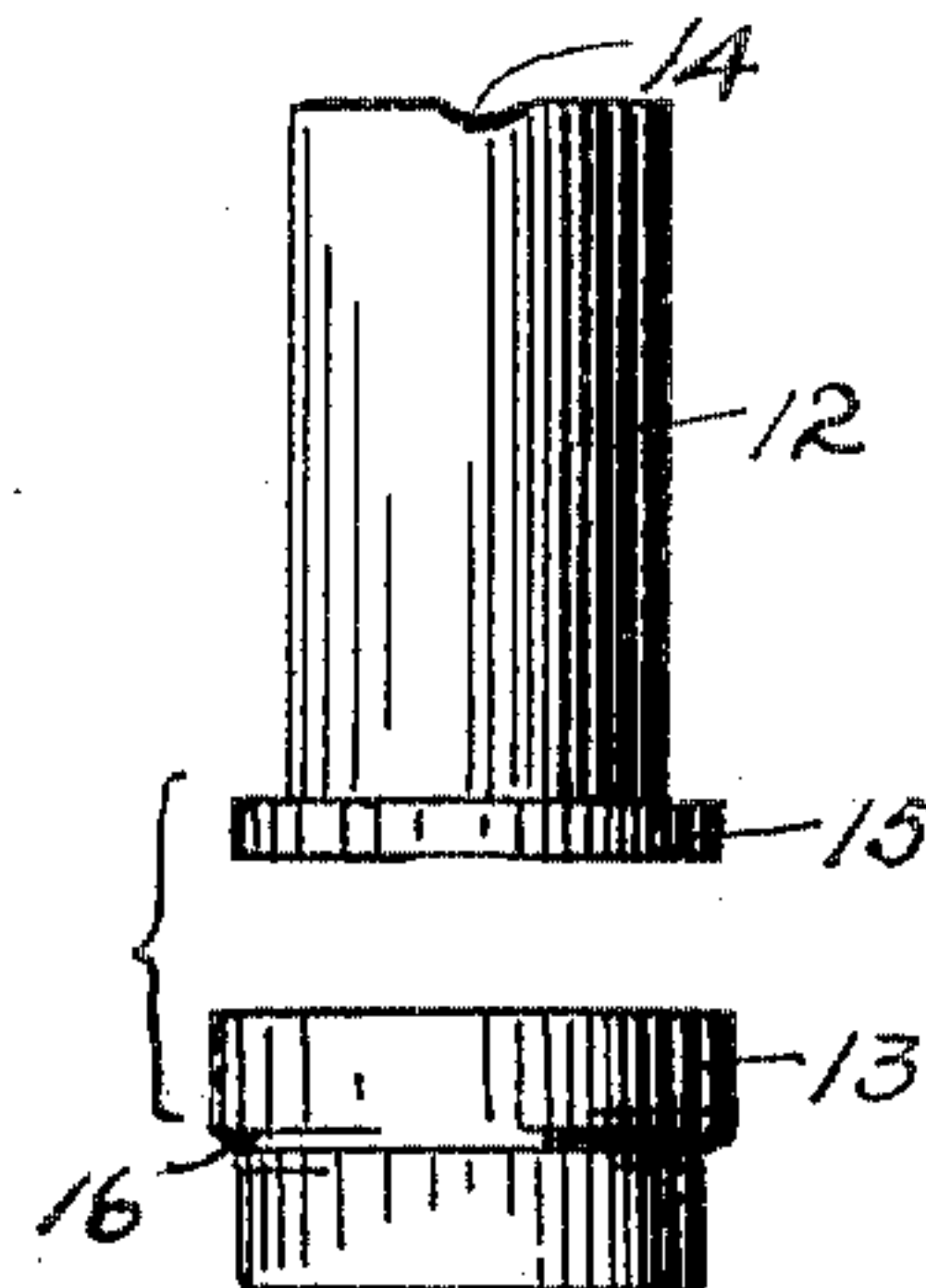


Fig. 6.

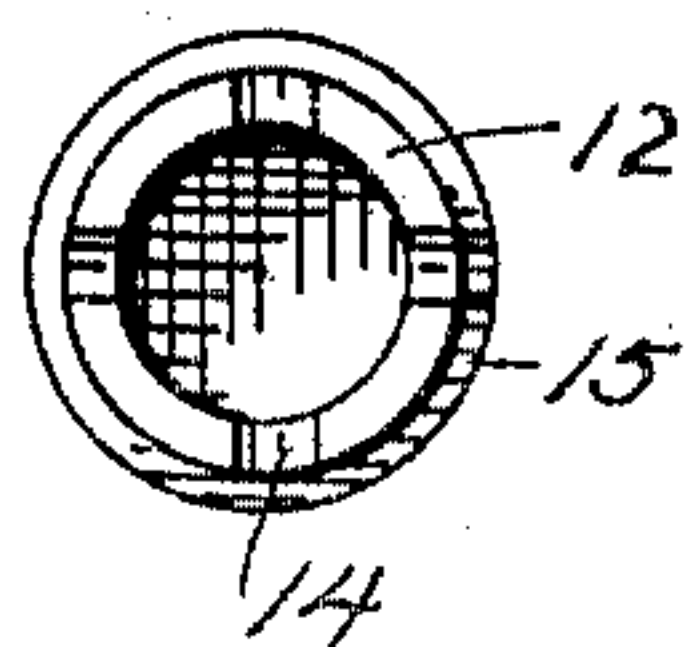


Fig. 7.

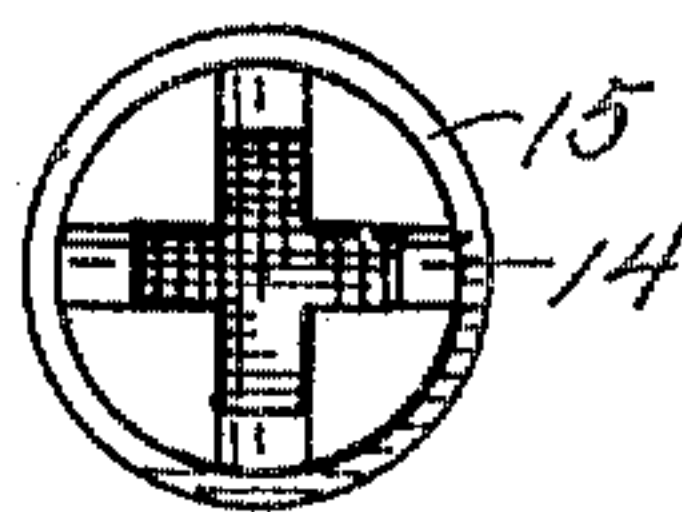


Fig. 8.

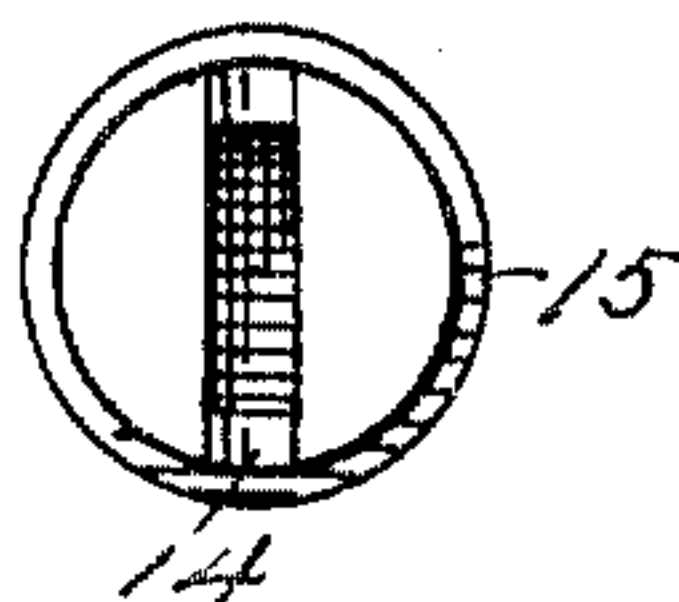
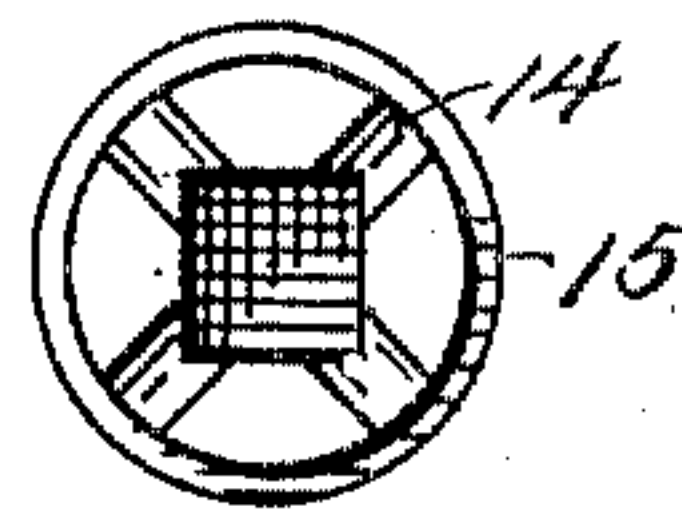


Fig. 9.



Witness

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UNITED STATES PATENT OFFICE.

ORANGE D. REEVES, OF INDIANAPOLIS, INDIANA, ASSIGNOR OF ONE-HALF TO HOMER S. QUICK, OF INDIANAPOLIS, INDIANA,

CEMENT POST AND FASTENER.

SPECIFICATION forming part of Letters Patent No. 793,957, dated July 4, 1905.

Application filed April 20, 1905. Serial No. 256,617.

To all whom it may concern:

Be it known that I, ORANGE D. REEVES, of Indianapolis, county of Marion, and State of Indiana, have invented a certain new and useful Cement Post and Fasteners; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like letters refer to like parts.

The object of this invention is to provide in connection with a cement post a convenient means for securing the line-wires of wire fencing to said posts and to make said attaching means readily detachable and to make the post and fence have a smooth, symmetrical, and pleasing appearance. These objects are attained chiefly by embedding thimbles in the cement post, said thimbles enlarged at their inner ends, and inserting into them expansible spring-fasteners with their inner ends bent or widened so they will hold the fastener in place. Said fasteners can be readily inserted and removed.

The full nature of the invention will be understood from the accompanying drawings and the following description and claims.

In the drawings, Figure 1 is a side elevation of a cement post provided with thimbles and with a portion of two line-wires secured thereon. Fig. 2 is a central vertical section through a portion of a cement post and through two thimbles, parts being broken away, the fastener being fully inserted in one thimble and partially inserted in the other. Fig. 3 shows the spring-fastener. Fig. 4 is a central vertical section through the upper end of a post with the thimble inserted in the upper end vertically and the line-fence wire fastened upon the upper end of the post. Fig. 5 is a plan view of the two sections of the thimble. Figs. 6, 7, 8, and 9 are elevations of the outer ends of four forms of thimbles, all differing in the form of the opening through the thimble.

In molding the cement post 10 thimbles are molded in the side at suitable distances apart for the attachment of the line-wires 11 of the fence. The thimbles consist of two parts 12 and 13, which when united are inserted in the

mold for forming the post, so that the thimble will be seated in place horizontally and in one side of the post and be flush with the surface thereof. The body 12 of the thimble is cylindrical with oppositely-located notches 14 in the outer end thereof to form seats for the line-wire 11 of the fence. The inner end of the body of the thimble has an outwardly-extending annular flange 15. The cap 13 fits over the inner end of the thimble-body and is corrugated or ribbed at 16 to hold the back of the cap somewhat removed from the inner end of the thimble-body and leave space at that point for the angular ends 20 of the fasteners 21 to fit and spring into.

The fasteners 21 are made of spring-wire and looped with the free ends turned in opposite directions from each other at a substantially right angle to the main part of the loop. The length of the fastener is such as to cause its looped end to extend slightly out beyond the thimble when the fastener is in place, so as to carry within said loop the line-wire.

As the posts are set in the ground the line-wires are stretched beside the posts substantially into position. Then the fasteners 31 are put astride the line-wires and their spread ends pushed into the thimbles, as seen in the upper part of Fig. 2, until the bent ends 20 spring in behind the inner ends of the body of the thimble. These will hold the line-wires in place and substantially against the fence-post. A post and fence arranged in this manner present a very neat appearance, as the outer ends of the thimbles are circular and smooth and the outer ends of the fasteners extend but slightly beyond the post and is small and curves closely around the line-wire. The fasteners cannot escape, and therefore the fence-wires are held securely. The outer ends of the fasteners have lateral movement to the limit permitted by the thimbles, as the line-wire is stretched or moved longitudinally when lateral strain is exerted on it by the movement of the line-wire under the influence of heat and cold. The line-wires of the fence may be readily detached from the post by inserting the end of pincers 25 into the thimble about the fastener, and thus compressing the inner ends of the fastener

toward each other until they can be readily withdrawn outward through the thimble. A wire may be secured upon the upper end of the post, as shown in Fig. 4, by this means, and the form of the interior of the thimble may be modified, as shown in the last four figures. Thus in Fig. 7 two slots at a right angle to each other are shown, so that the fastener can be inserted in either a vertical or horizontal position and will have no lateral movement when in such thimble for use in attaching line-wires to end posts. In Fig. 8 only one vertical slot is shown and will hold in the same manner as the vertical slots in Fig. 7. In Fig. 9 the thimble has a square interior.

The thimbles may be modified in form and arrangement without departing from the spirit of my invention, the nature of which is defined in the claims.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A cement post provided with recesses in the surface, and fence-wire-holding means insertible in any of said recesses and adapted to spread at its inner end to prevent its escape.

2. A cement post provided with recesses in the surface thereof enlarged within the post, and fence-wire-holding means insertible in any of said recesses and adapted to spread at its inner end to prevent its escape.

3. A cement post provided with thimbles embedded therein and enlarged within the post, and compressible spring-fasteners insertible in said thimbles for holding the wires of the fence.

4. A cement post with thimbles embedded in the surface thereof and enlarged at their inner ends, and spring-wire-looped fasteners with their ends bent away from each other and when compressed insertible in the thimbles and expansible in the enlarged portions of the thimbles.

5. A cement post provided with metallic thimbles embedded therein, each thimble consisting of a body portion extending from the

outer surface of the post into the post and a cap covering the inner end of the body portion of the thimble so as to form an enlarged chamber therein, and a compressible spring-fastener insertible in said thimble and with its inner ends expansible in said chamber.

6. A cement post with metallic thimbles embedded therein, each thimble formed of a body portion extending into the post and with an annular outwardly-extending flange on its inner end and a cap for covering the inner end of said body portion of the thimble that surrounds said flange and has a stop to hold the back of the cap at a distance from the inner end of the body portion so as to form an enlarged chamber, and a compressible spring-fastener insertible in said thimble with its inner ends expansible in said chamber.

7. A cement post with metallic thimbles embedded therein, and compressible fasteners insertible in said thimbles for holding the wires of a fence, the diameter of the thimbles being greater than the width of the fasteners so that a tool may be inserted in the thimbles to compress the fasteners for the removal thereof.

8. A cement post provided with thimbles embedded therein, the outer ends of the thimbles being flush with the surface of the post and the inner ends enlarged, and compressible spring-fasteners insertible in said thimbles for holding the wires of a fence.

9. A cement post provided with a recess in the surface thereof, and externally-extending holding means insertible in said recess and adapted to spread at its inner end to prevent its escape.

In witness whereof I have hereunto affixed my signature in the presence of the witnesses herein named.

ORANGE D. REEVES.

Witnesses:

W. H. BONHAM,
N. ALLEMONG.