

J. C. BOWE.
ADJUSTABLE WIRE FASTENER FOR CEMENT FENCE POSTS.
APPLICATION FILED MAR. 27, 1905.

Fig. 1.

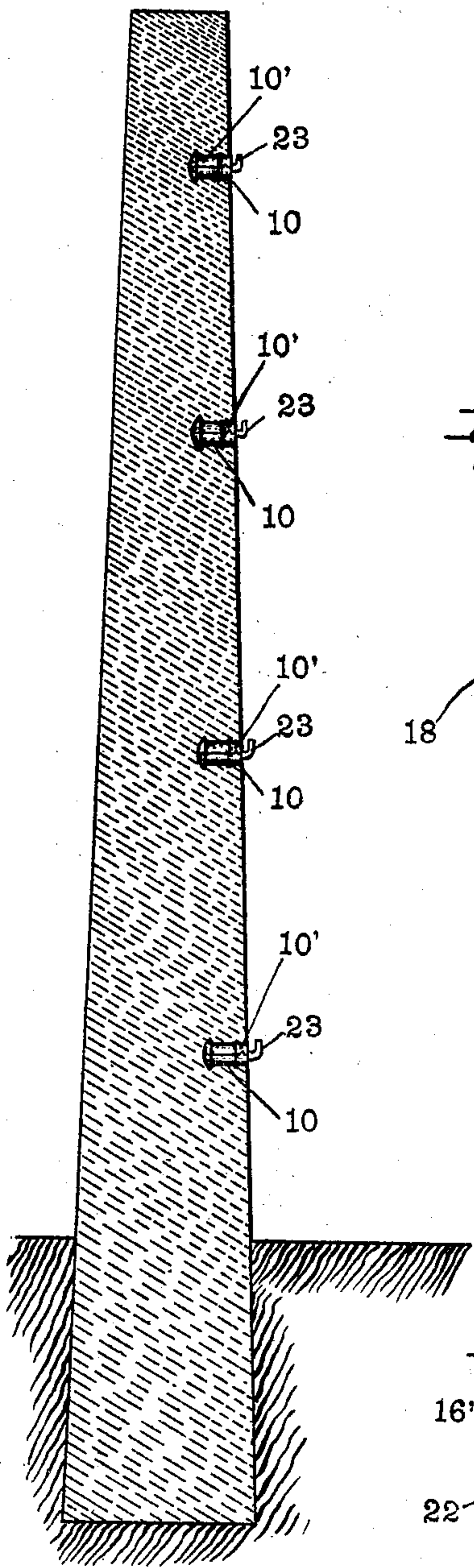


Fig. 2.

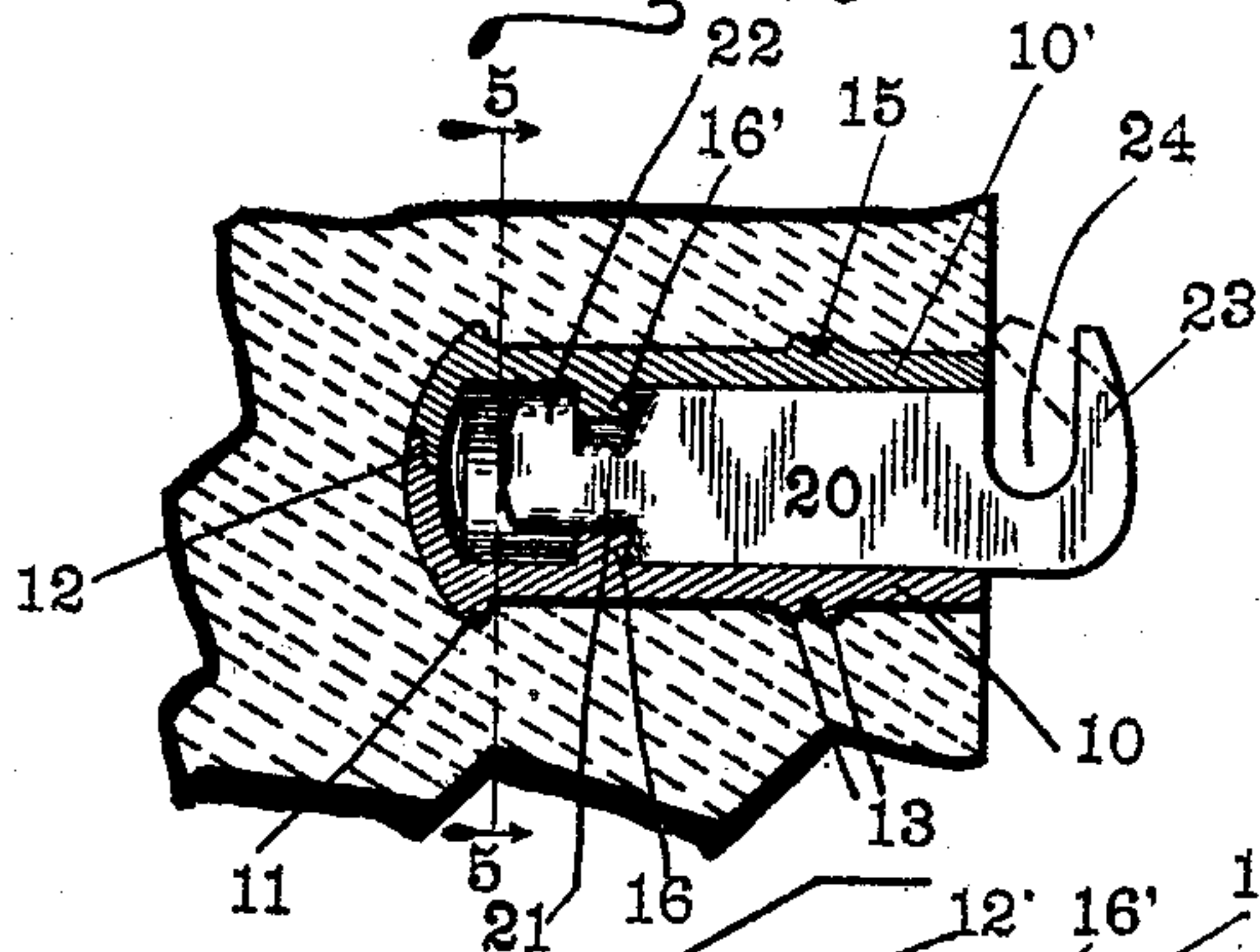


Fig. 3.

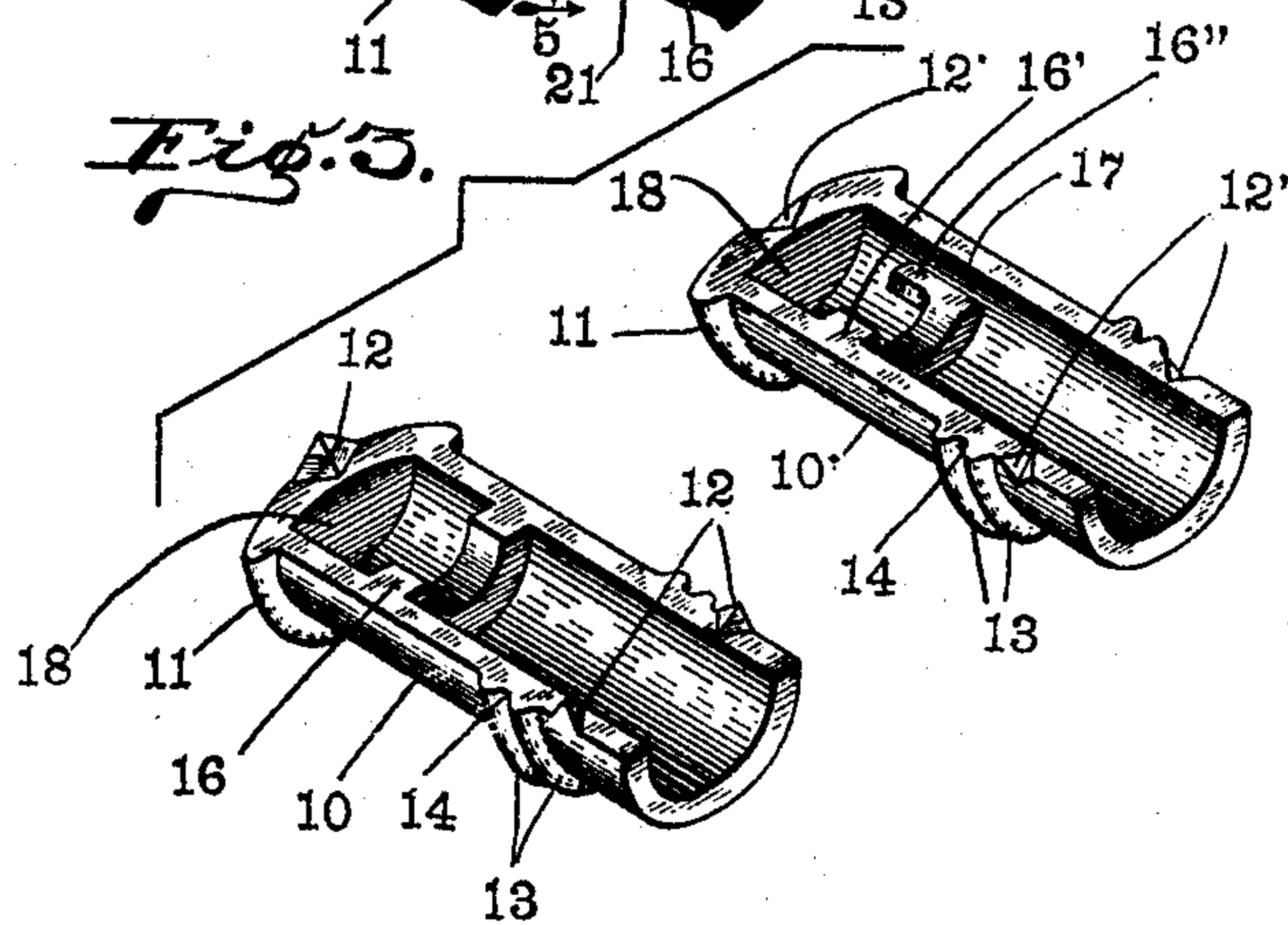


Fig. 4.

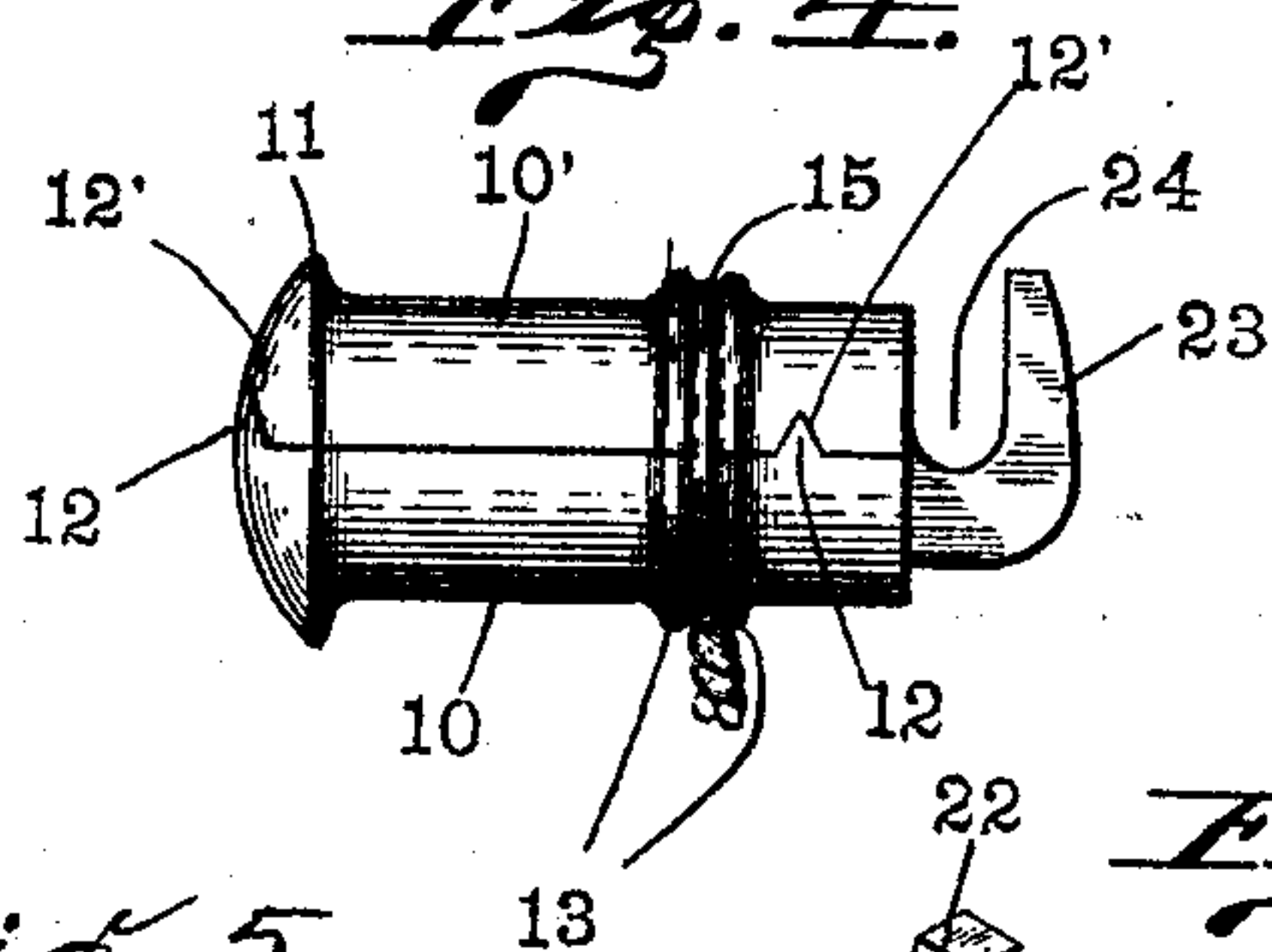


Fig. 5.

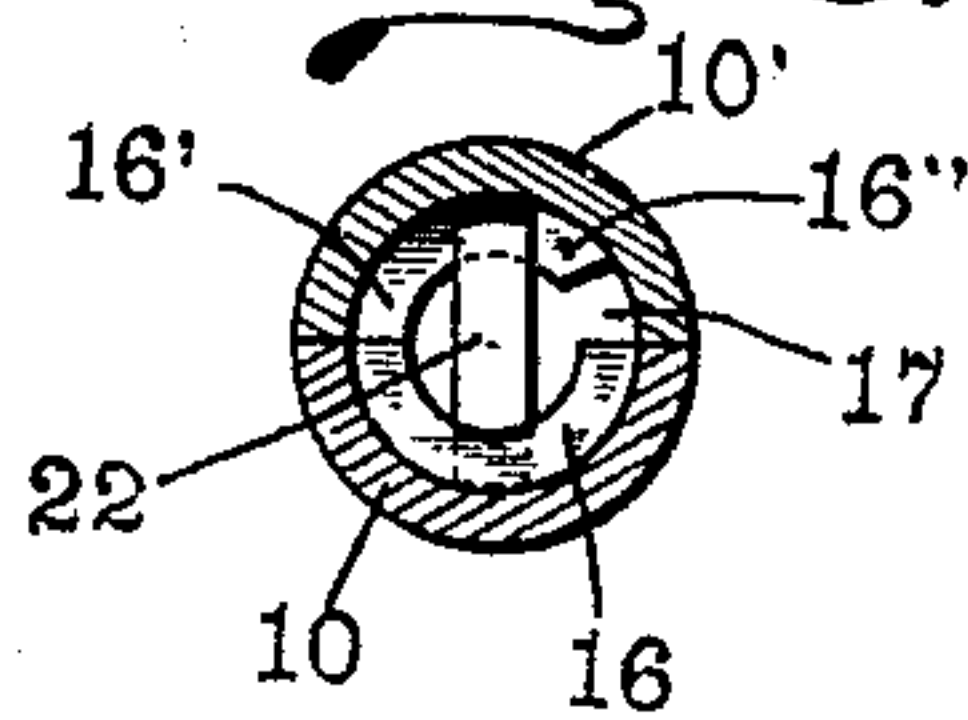
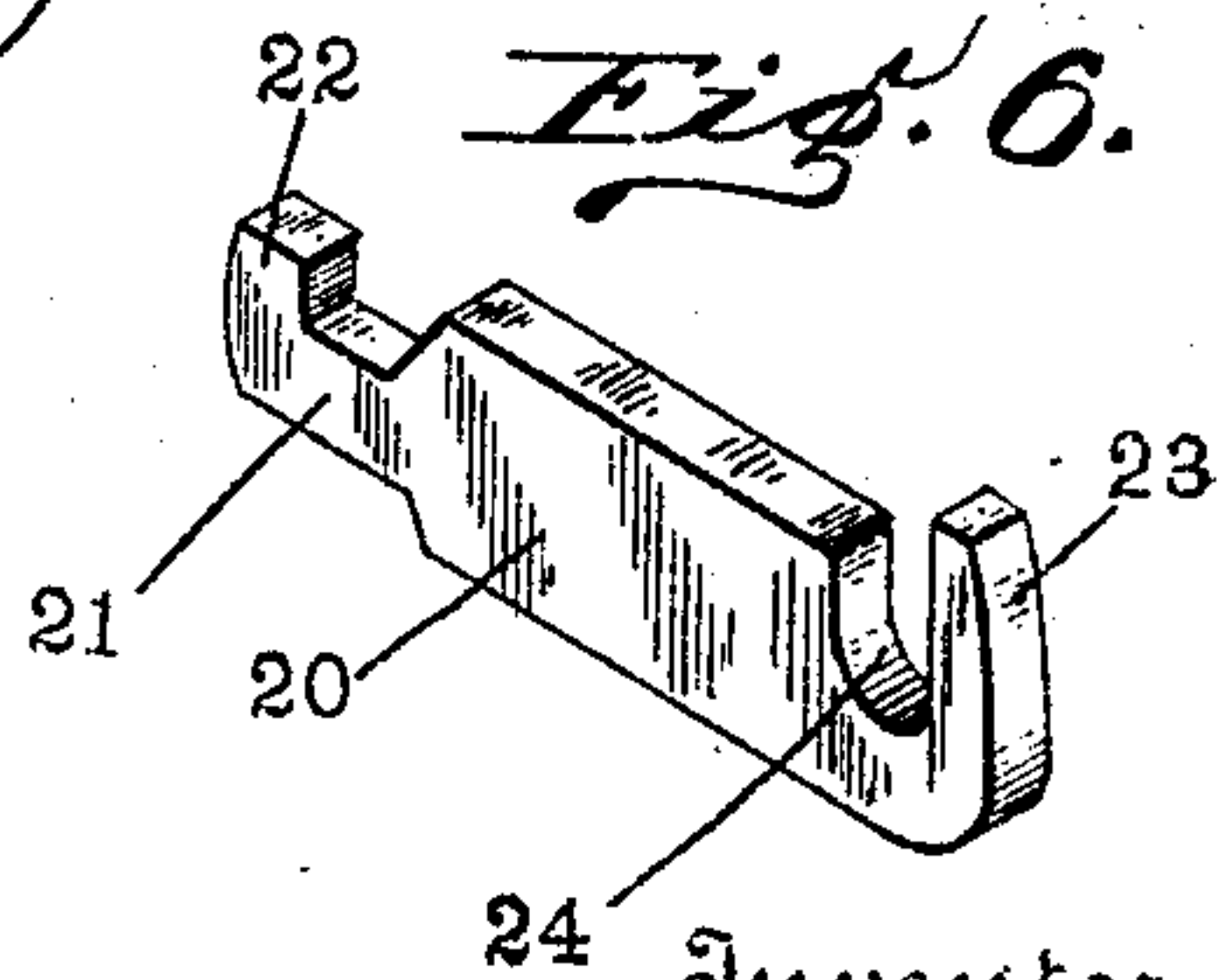


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

JAMES C. BOWE, OF INDIANAPOLIS, INDIANA.

ADJUSTABLE WIRE-FASTENER FOR CEMENT FENCE-POSTS.

No. 795,810.

Specification of Letters Patent.

Patented Aug. 1, 1905.

Application filed March 27, 1905. Serial No. 252,113.

To all whom it may concern:

Be it known that I, JAMES C. BOWE, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Adjustable Wire-Fasteners for Cement Fence-Posts, of which the following is a specification.

In the production of cement or concrete fence-posts difficulty is experienced in providing means by which the fence fabric may be attached thereto.

The object of my present invention is to provide a simple yet efficient means by which fence fabric may be attached to posts of this character.

The accompanying drawings illustrate my invention.

Figure 1 is a vertical section of a cement post equipped with my invention. Fig. 2 is a vertical section, full size, showing my device also in position. Fig. 3 is a perspective view of the two halves of the inclosing casing of my device; Fig. 4, a side elevation of the assembled parts; Fig. 5, a section on line 5 5 of Fig. 2, the hook, however, remaining in full lines; and Fig. 6 is a perspective view of the insertible hook.

In the drawings, 10 and 10' indicate mating semicylindrical portions which together form a hollow main body of my device. In order to hold the cylinder thus formed in place, I provide a flange-head 11, and in order to hold the two parts together I provide the part 10 with spuds 12, which fit into notches 12', formed in corresponding portions of the part 10'. Formed around the periphery of the two parts 10 and 10' are two flanges 13, which thus form between them a groove 14, adapted to receive the binding-wire 15, by which the two parts of the casing may be very tightly tied together by a very simple means. The main bore of the casing formed by the parts 10 and 10' is cylindrical; but near the inner end the part 10 is provided with an annular inwardly-projecting flange 16, and the part 10' is provided with a mating and somewhat similar flange 16', this flange, however, being interrupted in its length so as to form a narrow passage-way 17. The flanges 16 16' are arranged at an intermediate point in the length of the bore of the casing, thus forming at the inner closed end of the casing a chamber 18, and projecting into this chamber from the short end of the flange 16' is a finger 16'', which lies lengthwise of the bore. The

two parts 10 and 10' are tied together by the wire 15, and these are laid in the post, as shown in Fig. 1, as the post is formed and by reason of the various projections thereon become firmly and rigidly embedded in the cement.

The hook member to which the fence fabric is to be attached consists of a main body 20, which in width comfortably fills the diameter of the bore of the casing. At its inner end it is provided with a medial shank portion 21, which terminates in a finger 22. At the outer end the hook member 20 is provided with a hook 23, which lies beyond a notch 24, adapted to receive the running wire of the fence fabric. When the post has been set in position and it is desired to attach a fence fabric thereto, a hook member 20 is inserted into each one of the casings, the finger 22 thereof passing through the passage 17 and being prevented from turning in one direction by the portion 16''. The hook member, however, is free to be turned in the opposite direction, so that its finger 22 passes in behind the flange 16 and from thence around behind the flange 16' until the finger 22 is again stopped by the portion 16''. The casing 10 10' is preferably so arranged in the cement of the post that when the hook member reaches this position thus described the hook 23 thereof will stand up. It will thus be seen that in order to withdraw the hook member from this position it is necessary to turn it in one direction nearly a complete revolution before it can be pulled out. When the fabric is in position, a slight tap of the hammer bends the hook 23 over against the post, as indicated by dotted lines in Fig. 2.

I prefer to make the casing members 10 10' of light castings and the hook member 23 of sheet-metal punchings; but this is of course not essential.

I claim as my invention—

1. The combination, with a post of plastic material, of a hollow casing embedded therein and provided with means to prevent longitudinal retraction of a fabric-engaging means, and a fabric-engaging means having its inner end formed to engage said preventing means, and its outer end adapted to receive a portion of a fence fabric.

2. The combination, with a post of plastic material, of a hollow casing embedded therein, said casing having in its interior an annular flange interrupted at one end, a fabric-engaging means consisting of a main body adapted

to enter said casing and provided at its inner end with a hook adapted to pass through said point of interruption in the internal flange and be turned behind said flange, and having at its outer end a fabric-engaging portion.

3. The combination, with a post of plastic material, of a hollow casing embedded therein, said hollow casing being provided in its interior with an annular flange interrupted at one point, and a longitudinal finger 16' projecting inward from said point of interruption, and a fabric-engaging portion consisting of a main body adapted to fit and turn within the hollow casing, said main body carrying at its inner end a hook adapted to pass through said internal flange at its point of interruption and be turned behind said flange and having at its outer end a fence-fabric-engaging hook.

4. As an article of manufacture, a fabric-attaching means for fence-posts consisting of a hollow body having formed therein an internal flange at a point intermediate its length, said flange being interrupted at one point, and a hook member having a main body adapted to enter and rotate within said casing, said body carrying at its inner end a finger adapted to pass through the flange at its point of interruption and be turned behind said flange and carrying at its outer end a fabric-receiving portion.

5. As an article of manufacture, a fabric-attaching means for fence-posts consisting of a hollow casing having attached therein at a point intermediate its length an annular flange interrupted at one point and having an inwardly-extending longitudinal portion from the point of interruption, and a fabric-engaging means consisting of the main body adapted to enter and rotate within said casing said main body carrying at its inner end a finger adapted to pass behind said annular flange and carrying at its outer end a hook adapted to engage the fence fabric.

6. As an article of manufacture, a fabric-attaching means for fence-posts consisting of a hollow casing formed of two semicylindrical portions having interengaging members, and internal flange members 16 and 16', and a

hook member consisting of a main body having a transverse finger at its inner end and a fabric-receiving hook at its other end, substantially as and for the purpose set forth.

7. As an article of manufacture, a fabric-attaching means for fence-posts consisting of a hollow casing formed of two semicylindrical portions having interengaging members, internal flange members 16 and 16' and a longitudinal stop, and a hook member consisting of a main body having a transverse finger at its inner end and a fabric-receiving hook at its other end, substantially as and for the purpose set forth.

8. As an article of manufacture, a fabric-attaching means for fence-posts consisting of a hollow casing formed of two semicylindrical portions having interengaging members, and internal flange members 16 and 16', said casing members being provided with an external wire-receiving peripheral groove, and a fastening-wire arranged in said groove and serving to clamp the two members together, and a hook member consisting of a main body having a transverse finger at its inner end and a fabric-receiving hook at its other end, substantially as and for the purpose set forth.

9. As an article of manufacture, a fabric-attaching means for fence-posts consisting of a hollow casing formed of two semicylindrical portions having interengaging members, internal flange members 16 and 16' and a longitudinal stop, said casing members being provided with an external wire-receiving peripheral groove, and a fastening-wire arranged in said groove and serving to clamp the two members together, and a hook member consisting of a main body having a transverse finger at its inner end and a fabric-receiving hook at its other end, substantially as and for the purpose set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 23d day of March, A. D. 1905.

JAMES C. BOWE. [L. s.]

Witnesses:

ARTHUR M. HOOD,
JAMES A. WALSH.