

No. 780,357.

PATENTED JAN. 17, 1905.

W. F. KERLIN.
FENCE POST.

APPLICATION FILED JUNE 2, 1904.

Fig. 1.

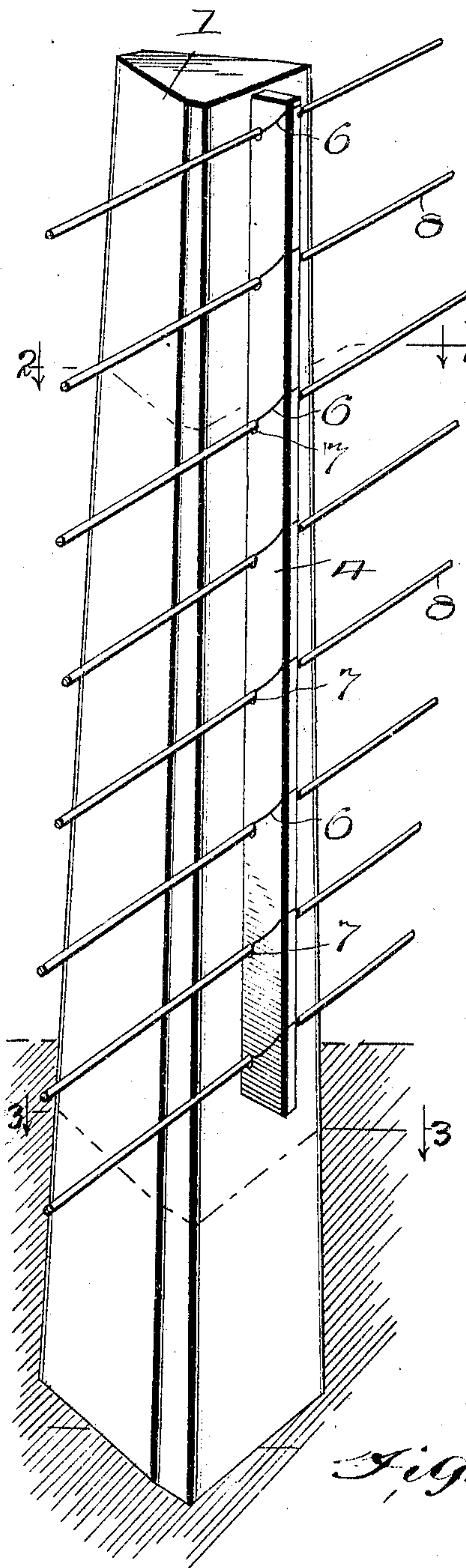


Fig. 2.

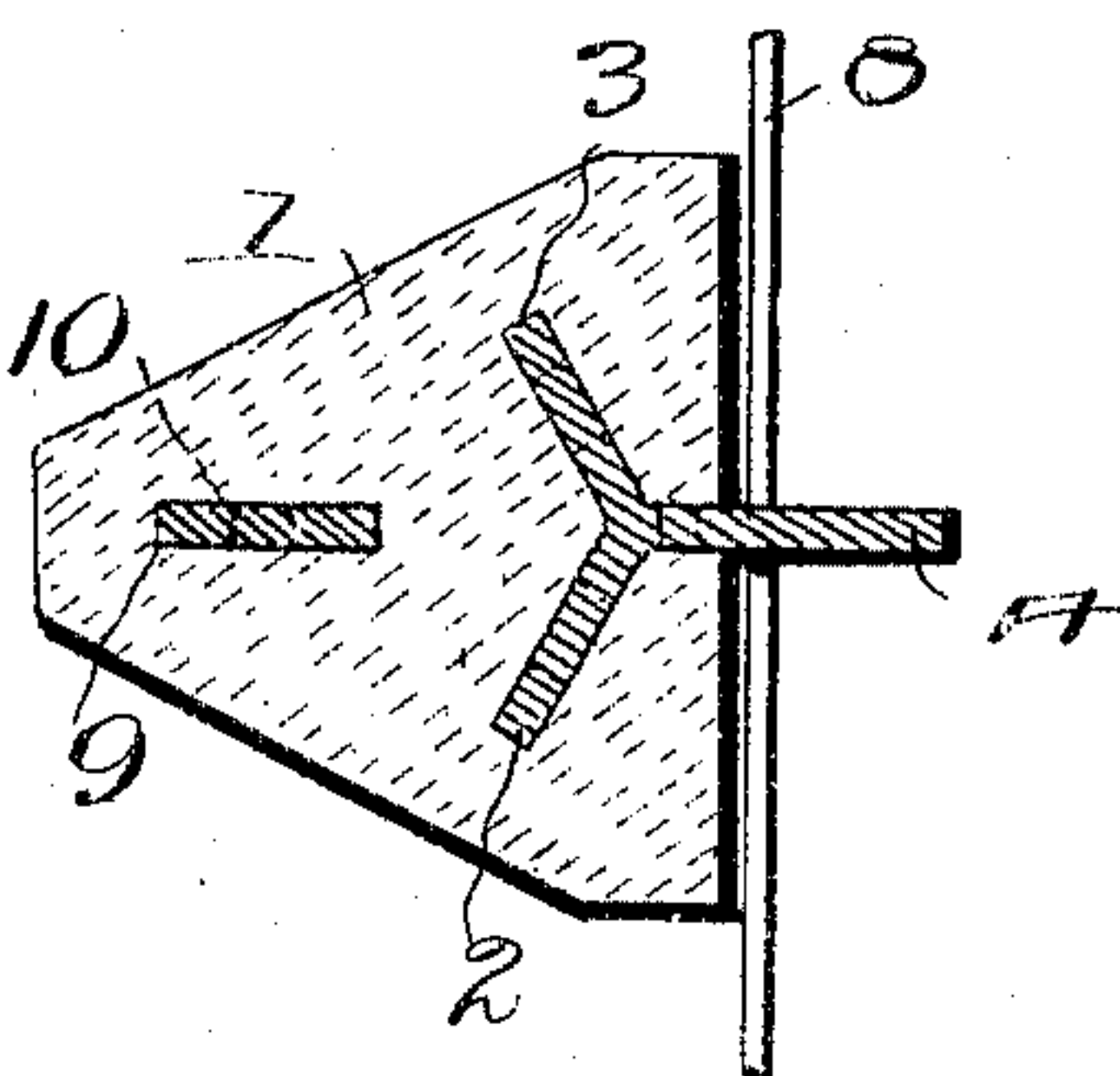


Fig. 3.

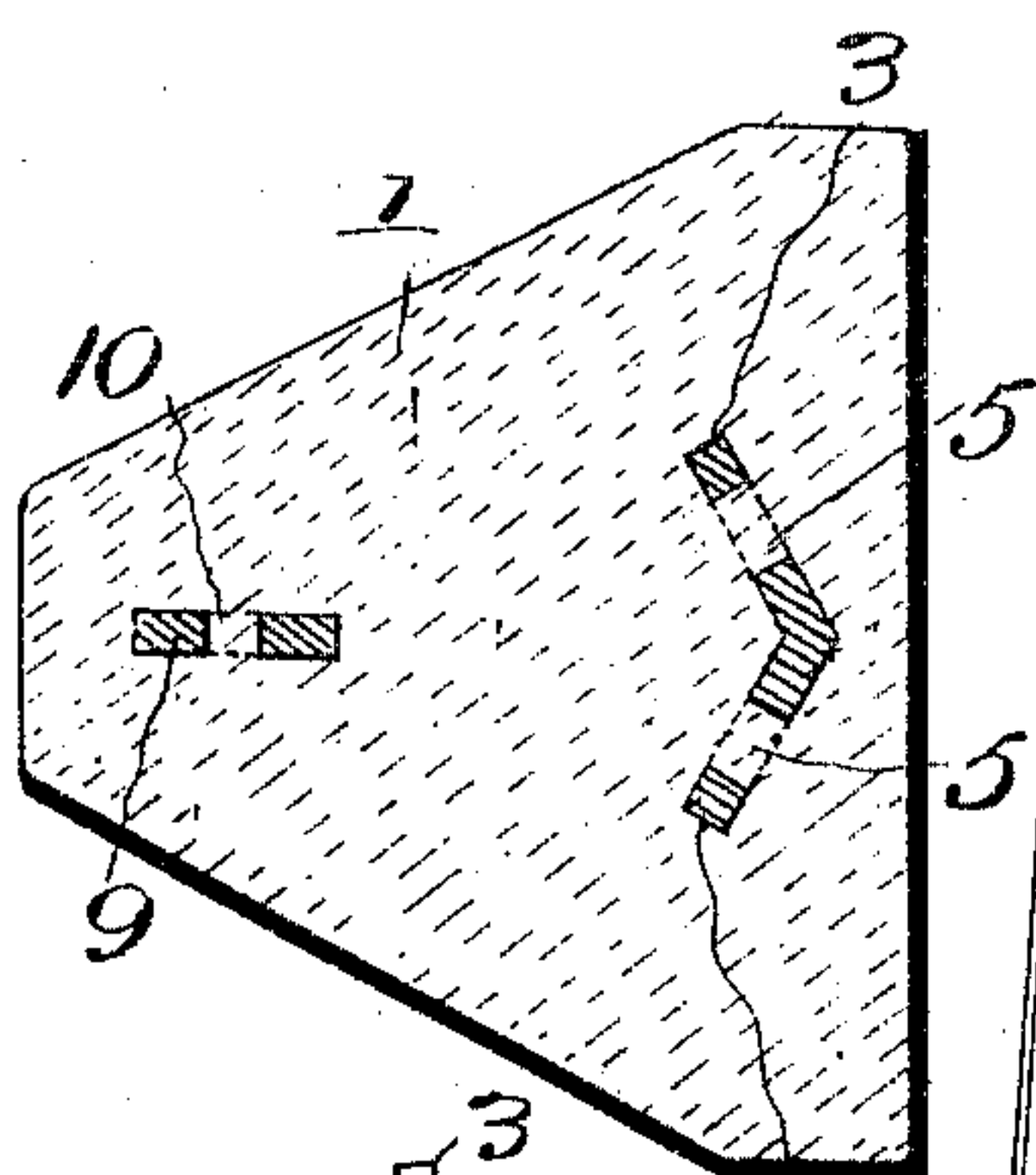


Fig. 4.

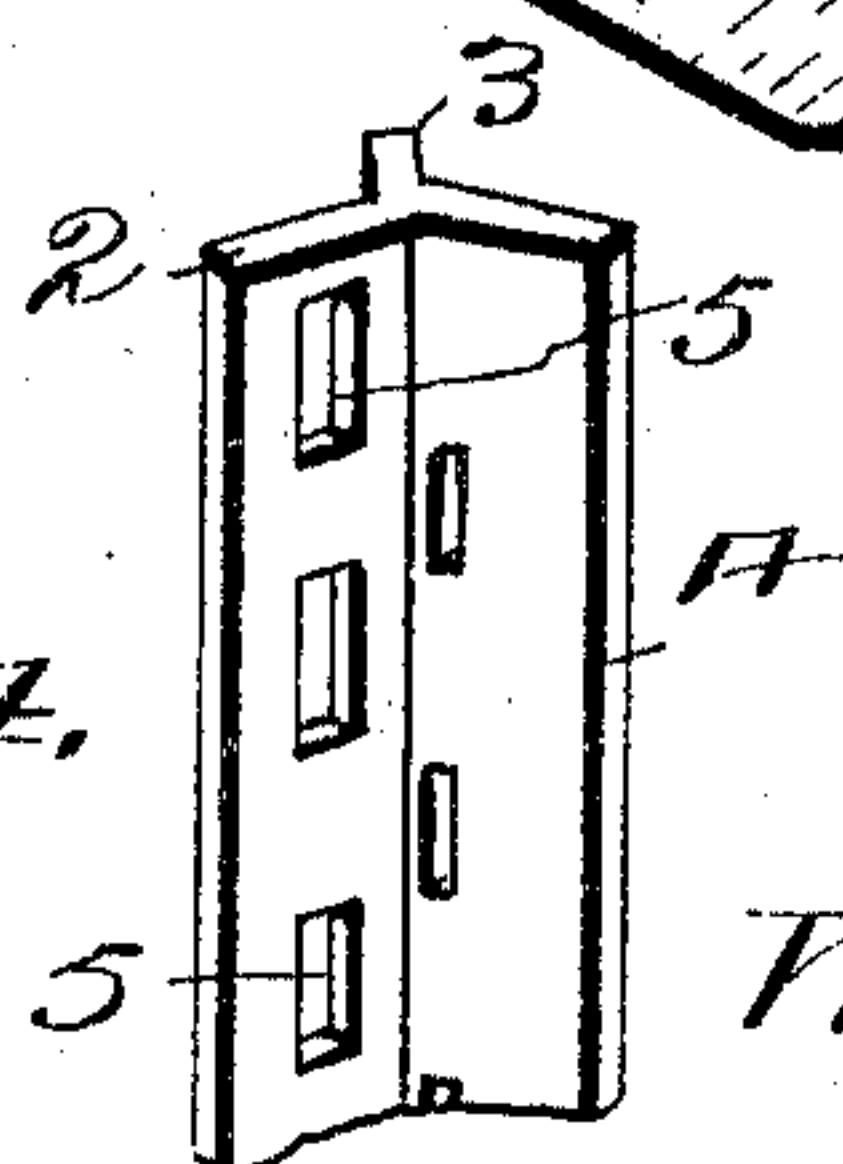
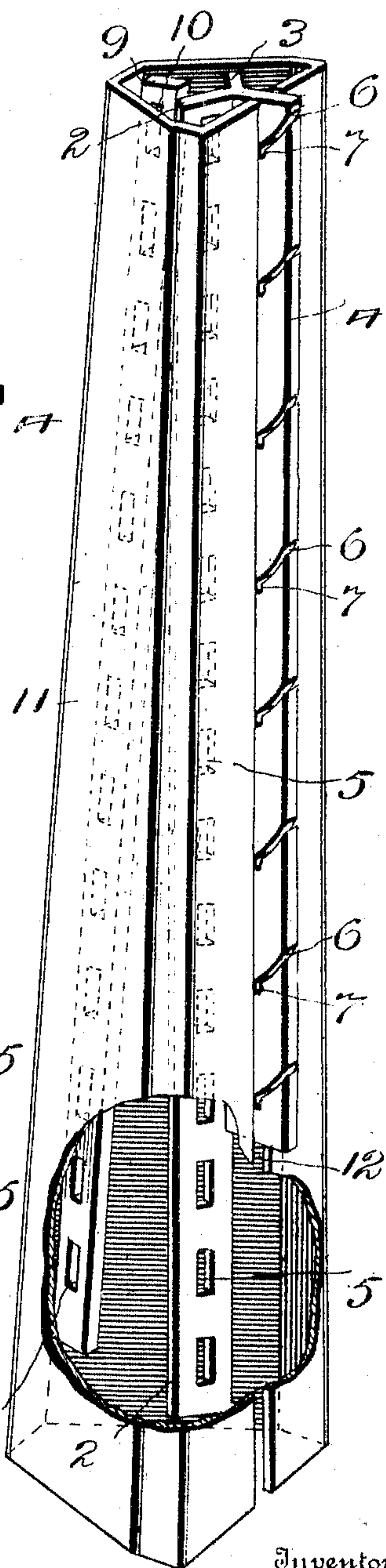


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM F. KERLIN, OF ROCKFIELD, INDIANA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 780,357, dated January 17, 1905.

Application filed June 2, 1904. Serial No. 210,863.

To all whom it may concern:

Be it known that I, WILLIAM F. KERLIN, a citizen of the United States, residing at Rockfield, in the county of Carroll 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 ap-
 10 pertains to make and use the same.

My invention relates to fence construction, and more particularly to the construction of a fence-post which shall be of permanent and reliably-efficient character and which may be
 15 readily and cheaply manufactured, as by being molded from plastic material which afterward becomes hardened or set, as will be readily understood; and my invention consists of certain novel features of construction and
 20 arrangement of parts the preferred form whereof will be hereinafter pointed out in the claims and illustrated in the accompanying drawings, which are made a part of this application, and in which—

25 Figure 1 shows a perspective view of my improved fence-post complete as applied to use. Fig. 2 is a transverse section of Fig. 1 on line 2 2. Fig. 3 is a transverse section of Fig. 1 on line 3 3. Fig. 4 is a detail view
 30 showing a portion of the reinforcing member or metallic portion designed to be embedded in the plastic material, while Fig. 5 shows a perspective view of the casing or mold employed to fashion or shape the plastic material
 35 in the form of a fence-post, said casing or mold also being designed to hold the reinforcing metallic members in their proper positions.

Referring to the numerals on the drawings, which are employed for convenience of refer-
 40 ence, 1 designates the body portion of my improved fence-post, which may be any preferred shape in cross-section and preferably formed of cement composition, and within which I anchor a reinforcing bar or bars, the
 45 details of construction of which are clearly presented in Figs. 2, 3, and 4.

In the present instance I have shown one of the bars as substantially Y-shaped in cross-section or as having the branches 2, 3, and 4,
 50 the two former being provided with a plu-

rality of perforations 5 to attain lightness without impairing the strength, while the member 4 is fashioned with a plurality of cleffs 6, preferably obliquely disposed and terminating in a suitable aperture or seat 7, within which
 55 the fence-wire 8 is designed to rest, the said wires being reliably held in position in said seat by striking down the outer lip forming the cleff 6, so as to close said cleff or recess leading to the wire-seat 7, as will be clearly obvious. 60

The rear edge of the post is reinforced and strengthened by the vertically-disposed bar 9, which may also be provided with a plurality of openings 10 at suitable intervals, so
 65 as to attain a maximum degree of lightness without impairment of the strength and rigidity of the bar. I prefer to form the Y-shaped reinforcing member so that the parts 2 and 3 will be of greater extent or length
 70 than the member 4, the said parts 2 and 3 extending down near the lower end of the post, preferably the same distance or extent reached by the member 9.

The Y-shaped member is so located in the body of the post that the member 4 thereof
 75 will protrude beyond the face of the post to receive the wires, substantially as shown in Figs. 1 and 2. The sectional view, (illustrated in Fig. 3,) it will be observed, is taken below
 80 the end of the member 4, and therefore shows only the branches or members 2 and 3.

It will thus be seen that I have provided not only a strong reinforcing and reliably-efficient form of fence-post, but my post is
 85 also provided with a protruding lip or flange 4, having a plurality of cleffs or wire-receiving recesses, and when the fence-wires have been properly disposed therein said recesses may be closed tightly together upon the wire
 90 to prevent casual removal therefrom.

My post will be found of very reliable and durable character, constituting what may be properly termed a "permanent" improvement, and while I have described the preferred
 95 combination and construction of parts deemed necessary in materializing my invention I desire to comprehend in this application all substantial equivalents and substitutes that may be considered as falling fairly within the
 100 scope thereof.

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

The herein-described fence-post molded from plastic material and having a substantially Y-shaped metallic reinforcing member, one branch of which is left protruding from the body of the post and provided with a plurality of wire-receiving recesses, in combination with an auxiliary reinforcing-bar also embedded in the post and designed to cooperate to hold the post in true alinement and

prevent the breaking thereof, all combined substantially as specified and for the purpose set forth.

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

WILLIAM F. KERLIN.

Witnesses:

P. W. VAN GUNDY,
P. M. BYRUM.