

No. 859,239.

PATENTED JULY 9, 1907.

J. R. McFALL.  
FENCE.

APPLICATION FILED OCT. 22, 1906.

FIG. 1.

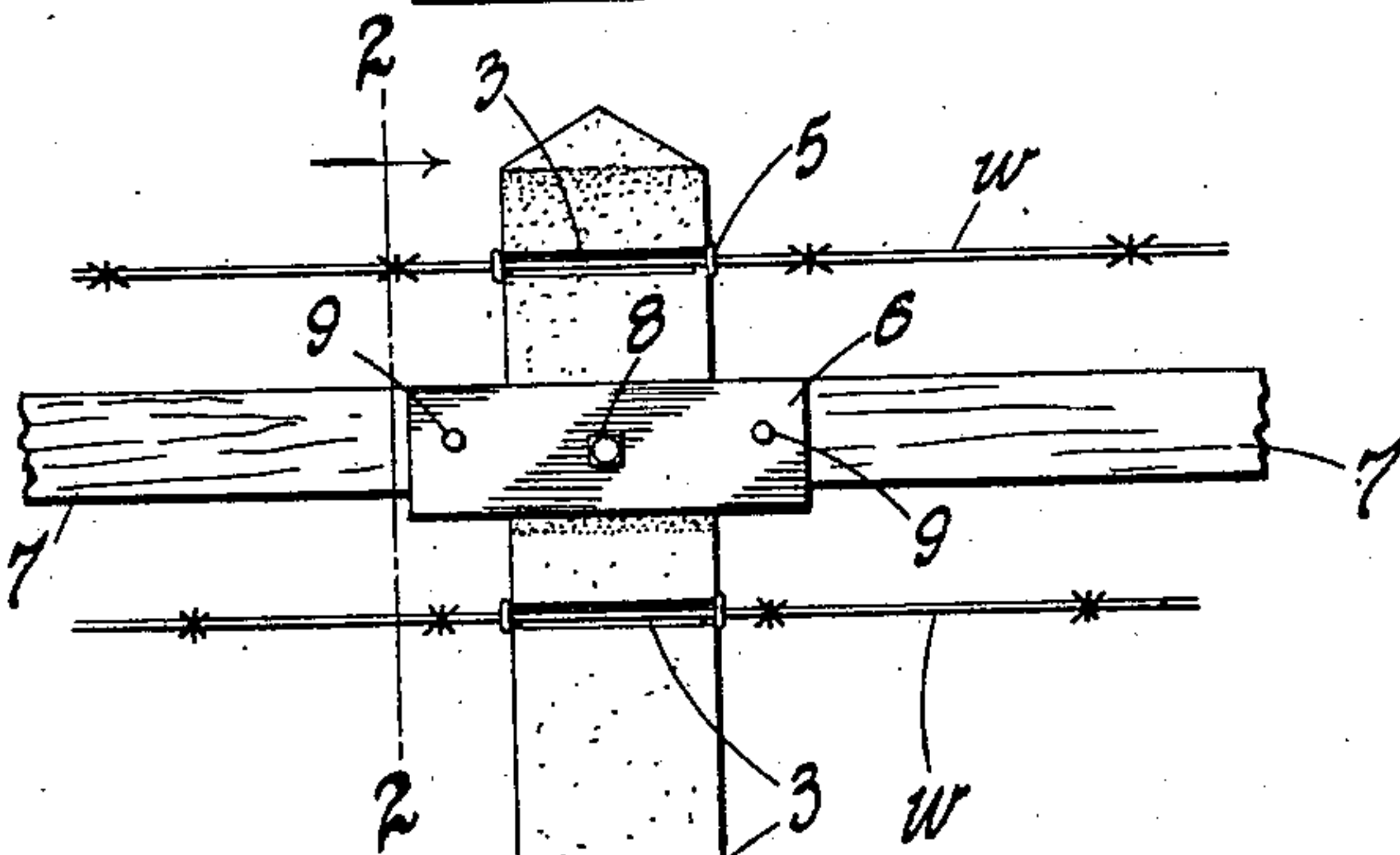


FIG. 2.

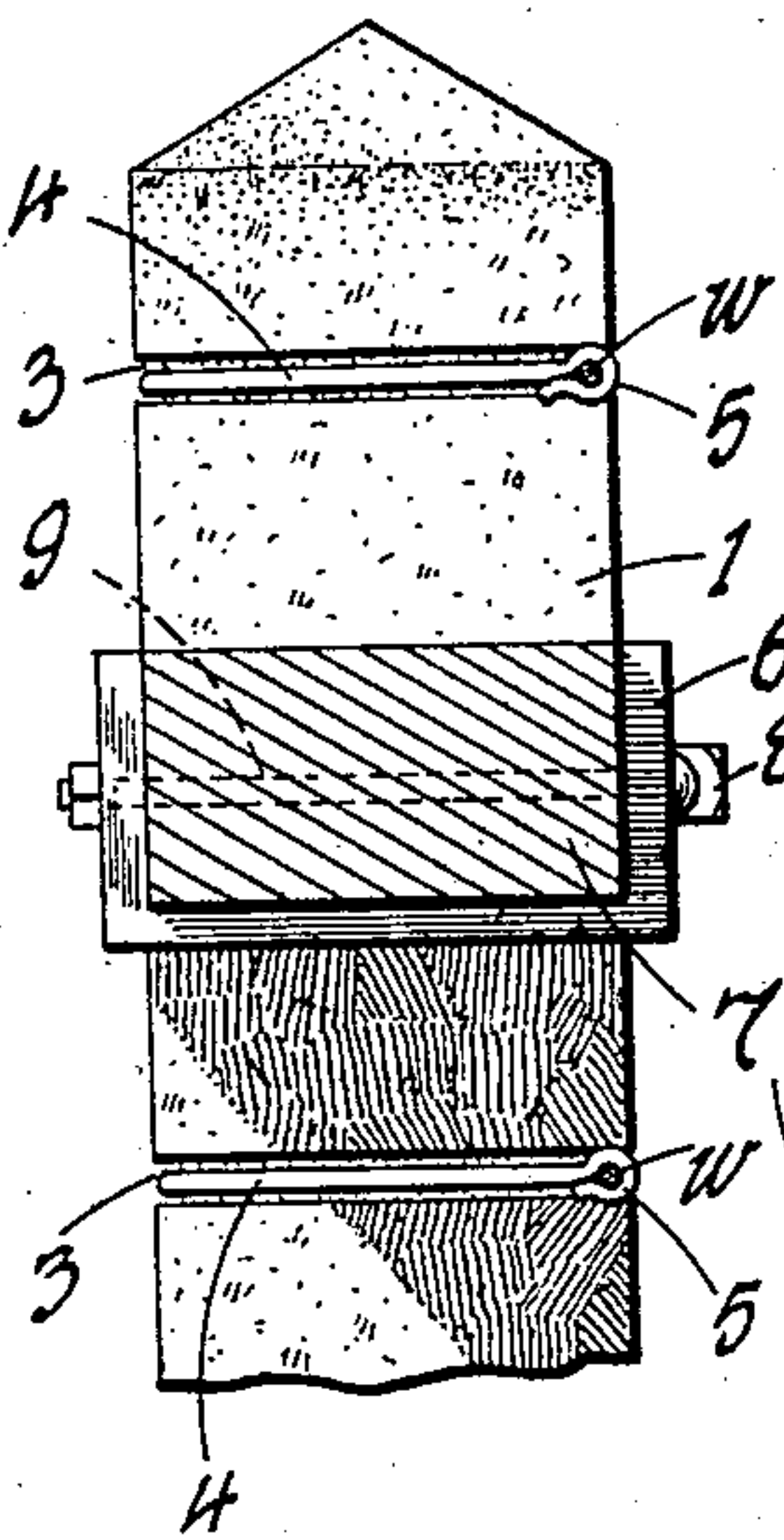


FIG. 4.

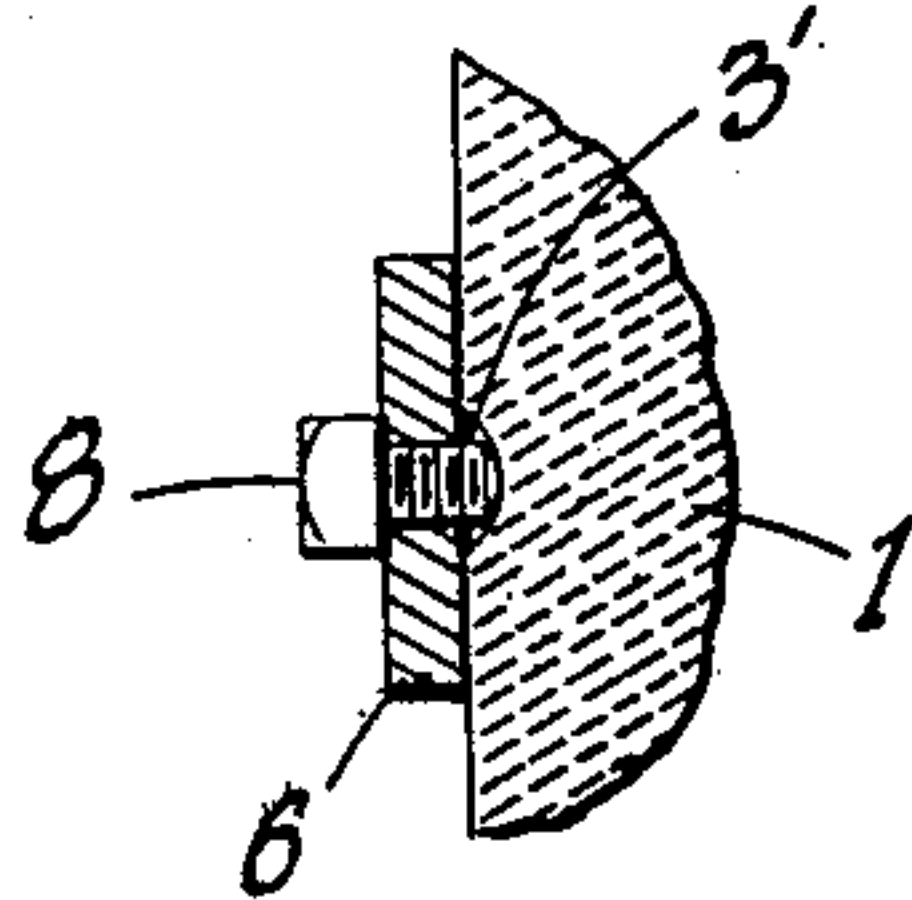


FIG. 3.

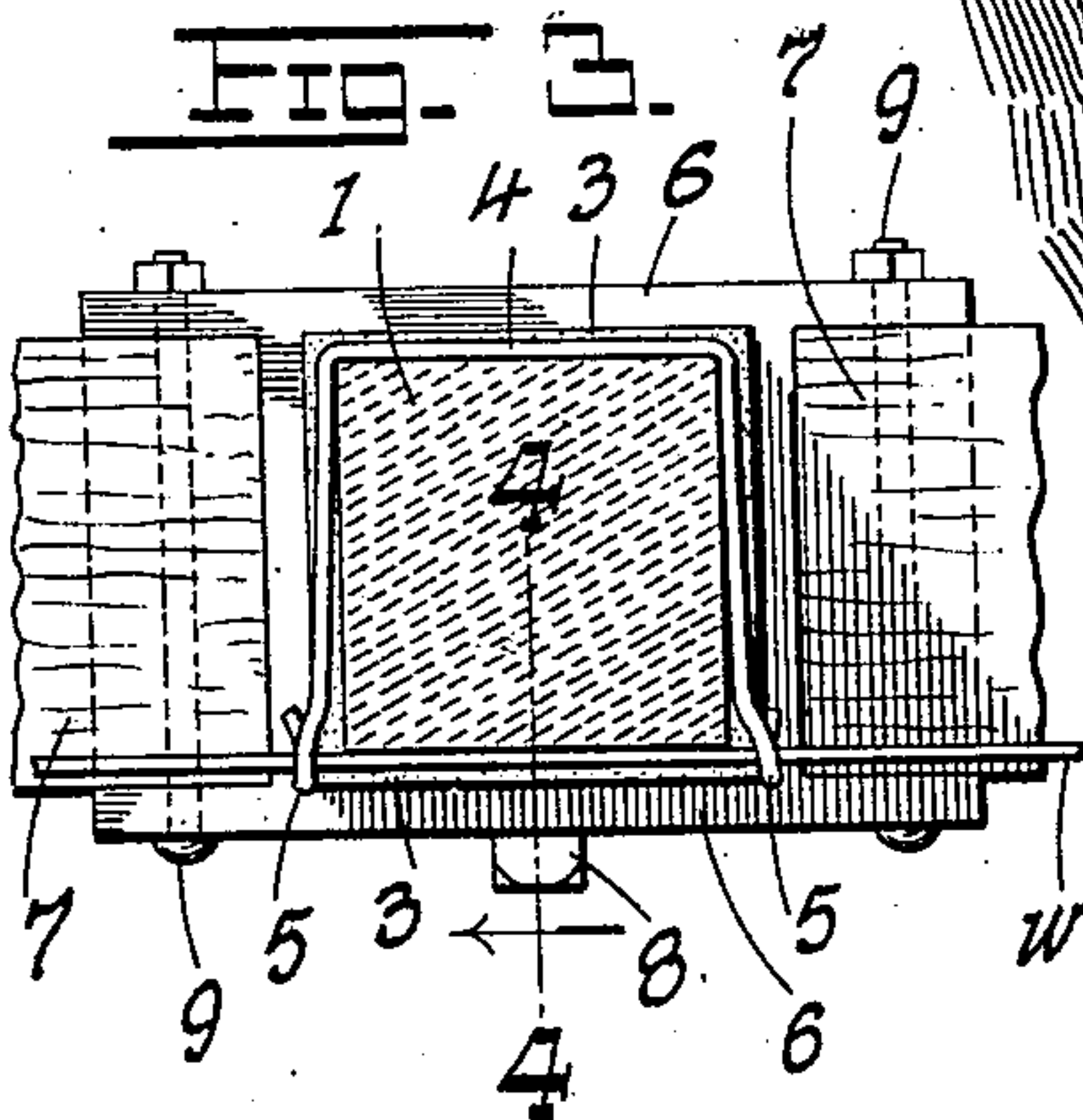
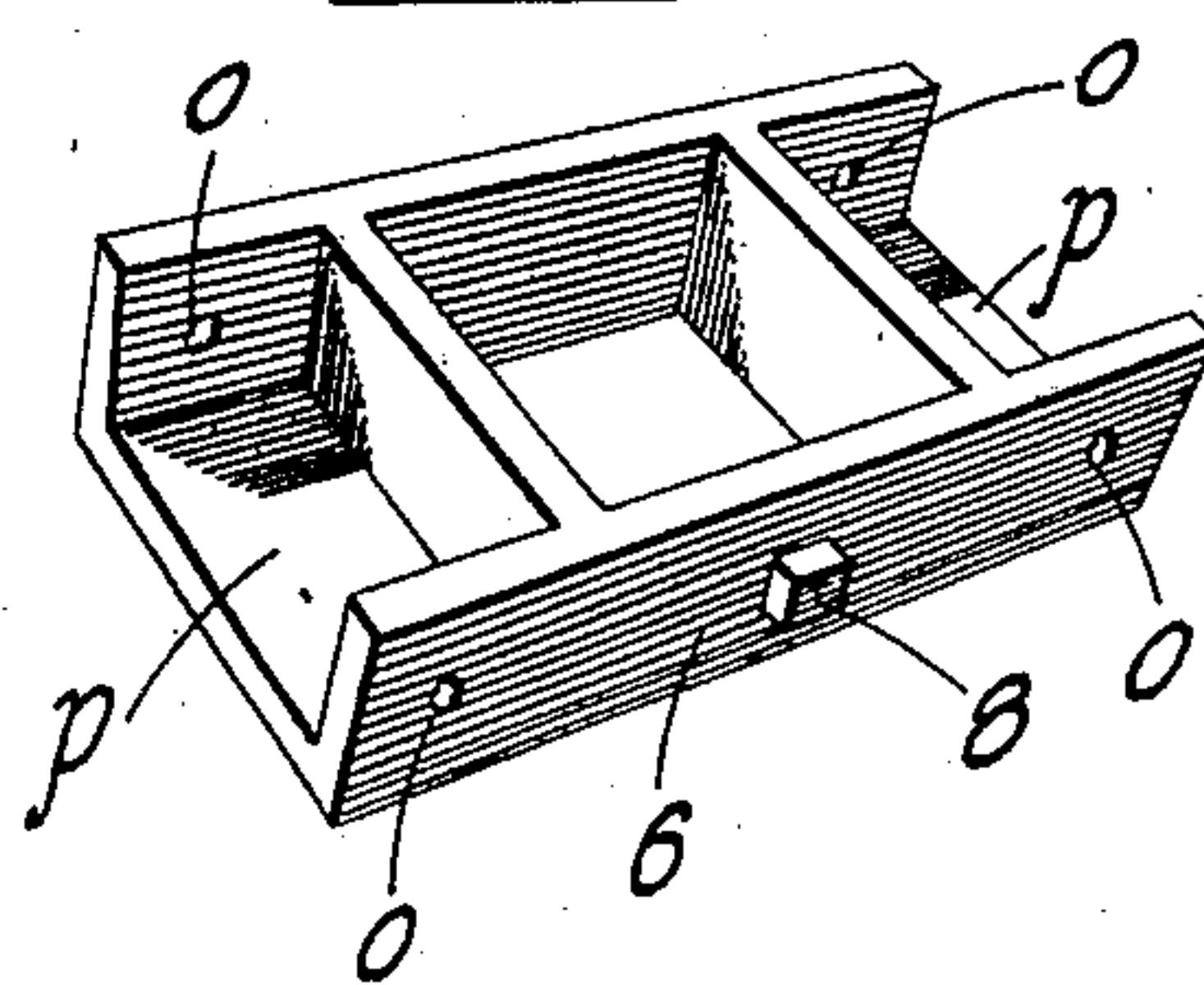


FIG. 5.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## FENCE.

No. 859,239.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed October 22, 1906. Serial No. 340,066.

To all whom it may concern:

Be it known that I, JAMES R. McFALL, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Fences, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in fences; and it consists in the novel construction of fence more fully set forth in the specifications and pointed out in the claims.

In the drawings, Figure 1 is an elevation of a fence post with wire and rail sections leading to it from posts (not shown) on either side thereof, showing my invention applied thereto; Fig. 2 is a vertical cross section taken through the top rail, on the line 2—2 of Fig. 1; Fig. 3 is a horizontal section on the broken line 3—3 of Fig. 1; Fig. 4 is a vertical section on line 4—4 of Fig. 3; and Fig. 5 is a perspective of one of the adjustable supports or brackets for the rails.

The object of my invention is to provide a composition post (earth composition such as cement, concrete, burned tile, clay and the like) with a series of encompassing surface grooves for the support of the wire sections of the fence, with loose anchors permitting the free tightening of the wires; and with additional supports for the adjacent ends of removable rail sections, the whole forming a durable, cheap and effective fence, all as will hereinafter more fully appear from a detailed description of the invention which is as follows:

Referring to the drawings, 1, represents a cement composition post preferably rectangular in cross section, and having an expanding base 2 inserted into the ground whereby as the earth settles and packs over said base it will wedge itself against the inclined faces thereof and hold the post rigidly in position. The faces of the post are provided with a series of encompassing transverse grooves 3 through which the wire lengths *w* freely pass, each wire being tied to the post by a wire anchor 4 which comprises a wire band wrapped around the remaining grooves 3, the ends of the band being looped around the wire *w* as fully shown in Figs. 2 and 3. The terminal loops 5 of these bands permit a free play for the wire *w* when occasion arises to tighten the latter.

Adapted to be passed over the post and adjustable

along the same, and preferably disposed near the top and bottom of each post is a bracket or bearing 6 having terminal pockets *p, p*, for the support of the adjacent ends of the rails 7 coming from the posts on either side, said rails being preferably of wood, though any material might answer. These rails as is obvious are removable and may be instantly detached should occasion require, and while in place they serve to impart a stiffness and additional strength to the fence. They are also serviceable for climbing the fence without the danger of coming in contact with the wire. The brackets 6 when once adjusted are clamped in position by the clamping bolts 8, whose stem portions enter the improvised depressions 3' formed in the post. The ends of the rails are secured in position by pins or bolts 9 passed through alining openings *o, o*, in the sides of the pockets of the supporting brackets 6.

It will be seen that whatever position the post may occupy, or whatever direction it may be turned, it will always have a groove 3 for the passage and support of a wire *w*, since the series of grooves 3 form an encompassing groove around the outer surface of the post. The cross section of the post may, of course, be any polygon whatsoever.

Having described my invention what I claim is:

1. A fence comprising posts provided with a series of transverse grooves encompassing the body of each post, wire sections passed through said grooves, anchors comprising bands of wire wrapped around the grooves and having their ends looped about the wire sections on each side of the post, adjustable brackets mounted near the tops and bottoms of the posts and having terminal open pockets extending on each side of the post, and rails disposed between the successive posts and having their ends supported in said pockets.

2. In combination with a fence-post, a bracket passed over said post and adjustable vertically along the same, pockets opening upwardly formed with the brackets and projecting laterally from the posts, said pockets being adapted to receive the adjacent ends of suitable rails disposed between two consecutive posts, and means for fastening the rail ends to the pockets through the side walls thereof.

In testimony whereof I affix my signature, in presence of two witnesses.

JAMES R. McFALL.

Witnesses:

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MARY D. WHITCOMB