

No. 850,082.

PATENTED APR. 9, 1907.

J. E. WRIGHT.
FENCE POST.

APPLICATION FILED FEB. 19, 1906.

Fig. 4.

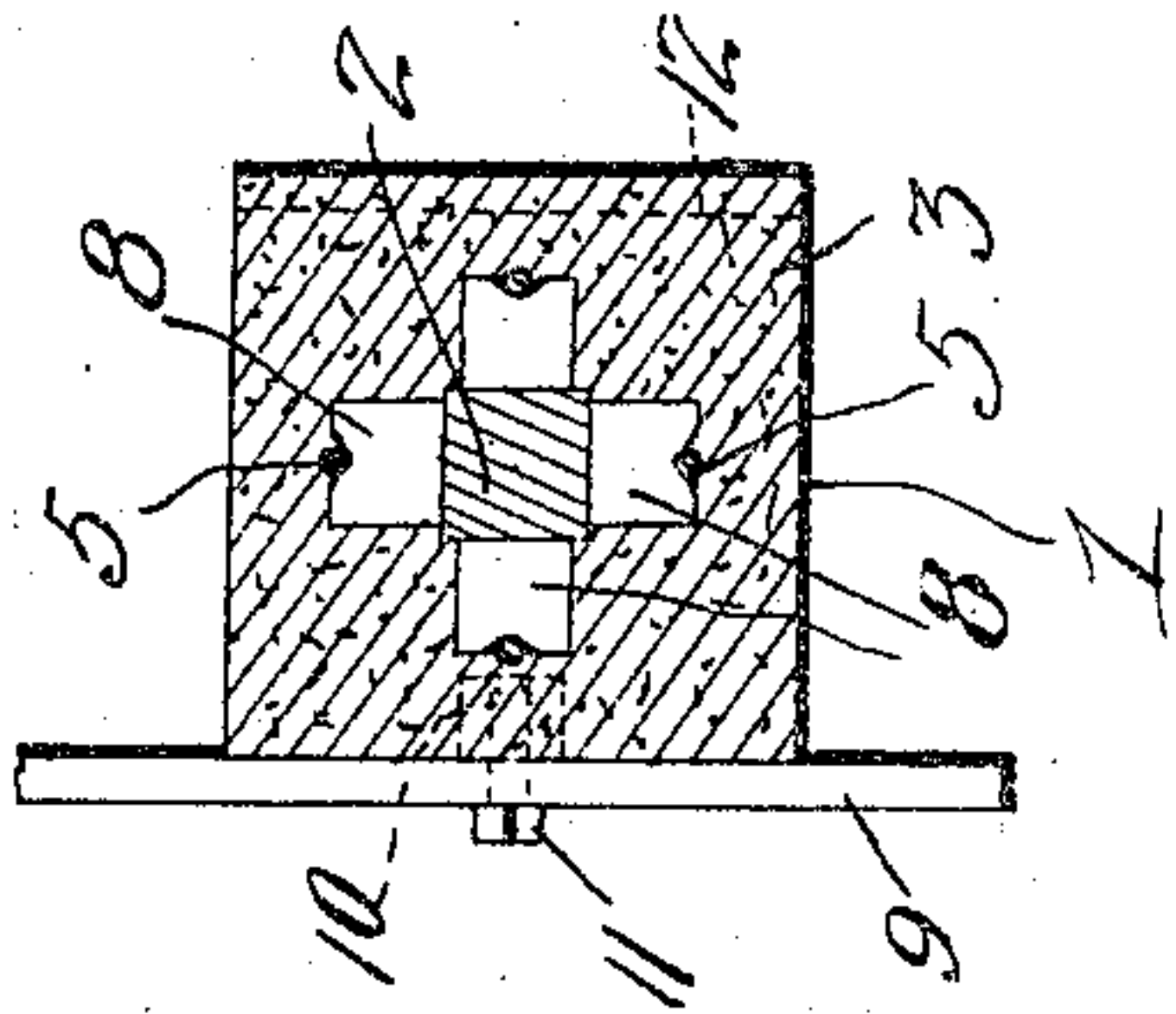


Fig. 3.

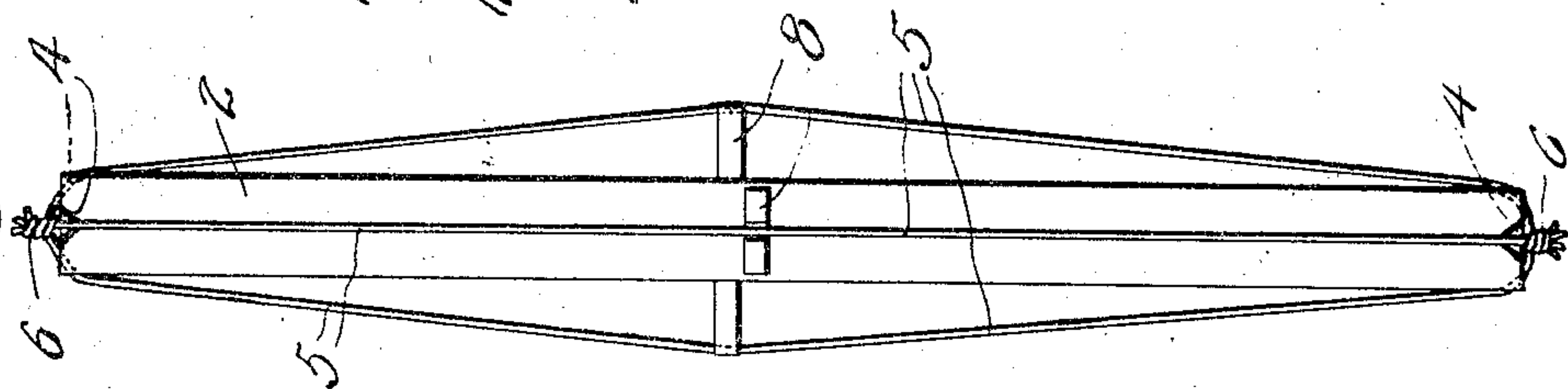


Fig. 2.

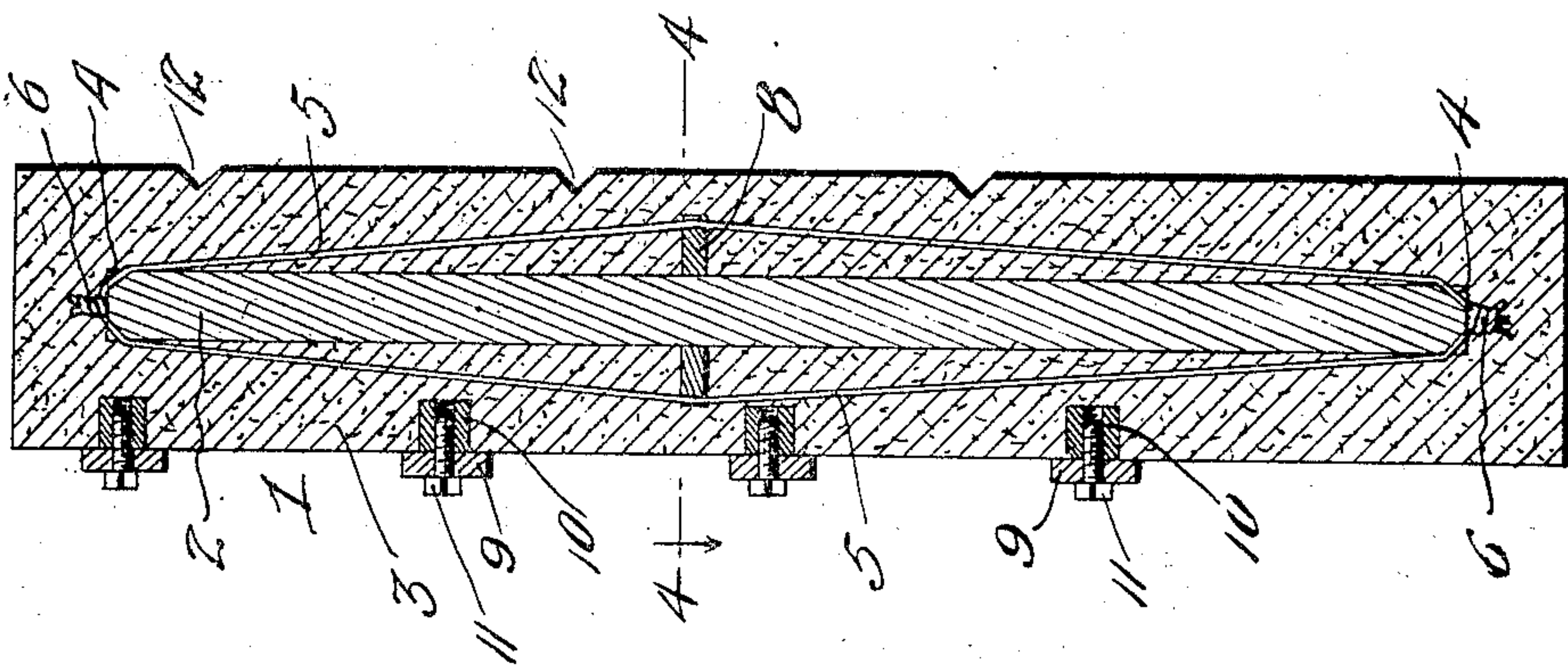
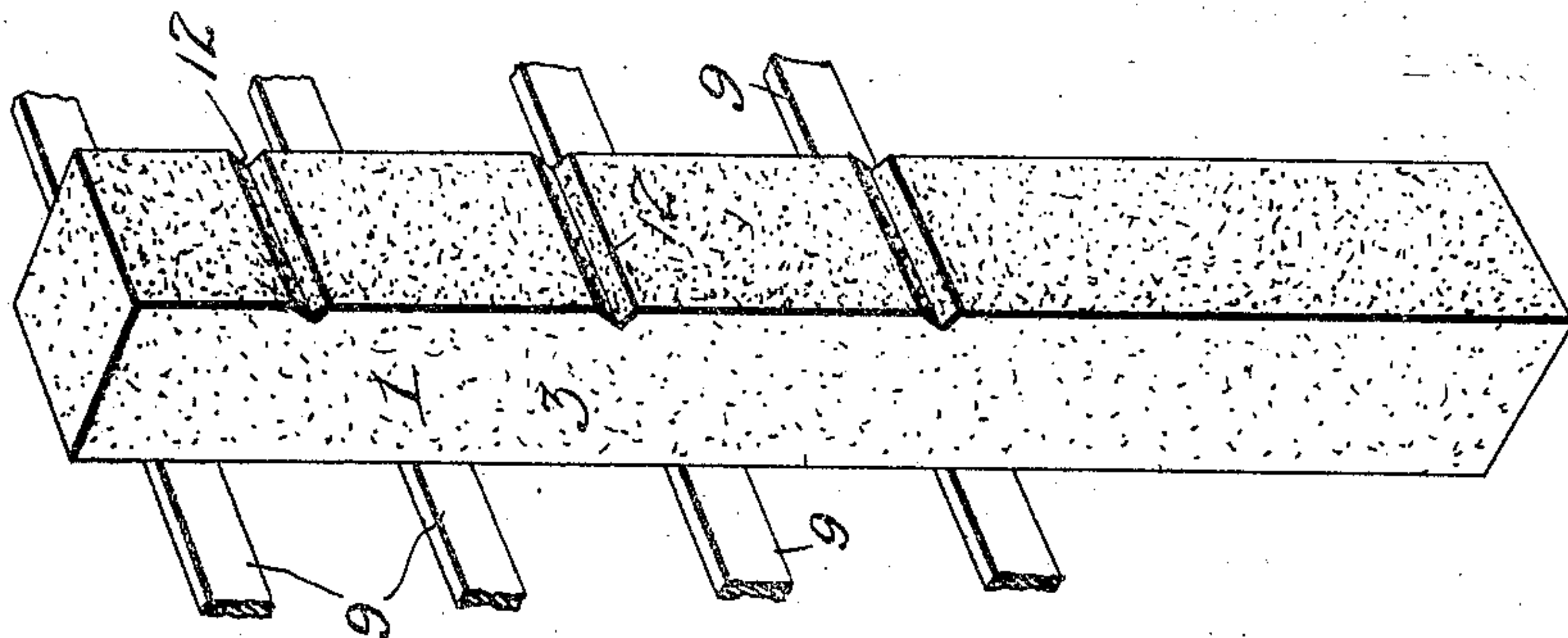


Fig. 1.



Witnesses
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FENCE-POST.

No. 850,082.

Specification of Letters Patent.

Patented April 9, 1907.

Application filed February 19, 1906. Serial No. 301,867.

To all whom it may concern:

Be it known that I, JAMES E. WRIGHT, a citizen of the United States, residing at Omaha, in the county of Douglas and State of Nebraska, have invented certain new and useful Improvements in Fence-Posts; and I do 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 appertains to make and use the same.

My invention relates to improvements in concrete or plastic fence-posts, railroad-ties, building-columns, and the like.

The object of the invention is to provide a device of this character which will be of simple, durable, and comparatively inexpensive construction and well adapted for the purpose intended.

With the above and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of the fence-post constructed in accordance with my invention. Fig. 2 is a longitudinal sectional view through the same. Fig. 3 is a side view of the core before being placed in the mold. Fig. 4 is a transverse sectional view taken on the plane indicated by the line 4 4 in Fig. 2.

Referring to the drawings by numeral, 1 denotes my improved fence-post, which consists of a core 2, covered with concrete, cement, or other plastic material 3. The core 2 may be of wood, metal, or any other material and either solid or hollow; but, as shown in Figs. 1 to 4, inclusive, of the drawings, it consists of a strip or block of wood of rectangular or other polygonal form in cross-section. In the centers of the edges of its ends are formed notches 4 to receive wires 5, which extend longitudinally of the core and are united at its ends by twisting them together, as shown at 6, or in any other suitable manner. After the wires 5 are thus attached to the core-body 2 they are stretched or bowed by inserting small blocks 8 beneath them. These blocks 8 are preferably located adjacent to the center of the core-body and may be of any desired size, form, and construction. They space the wires 5 from the

core-body, and thereby cause the same to bind the cement or plastic material 3 together and upon the core. After the core has been thus constructed it is placed in a mold of any suitable form and construction, and the concrete, cement, or other plastic material 3 is then poured into the mold and allowed to harden.

To permit fencing boards or rails 9 to be applied to the fence-post, I preferably provide in the mold nuts 10 and bolts 11, so that they will be embedded in the plastic material 3, as shown. These bolts and nuts are preferably arranged in one face of the post, and in its opposite face are formed transversely-extending grooves 12, which are adapted to receive barbed wires or other fencing-wires when it is desired to apply the same to the fence-post.

While I have shown and described my invention as embodied in a fence-post, it will be understood that by making the same of the proper size and shape it may be used as a railway-tie, building-column, or the like.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as defined by the appended claim.

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

A device of the character described comprising a core having notches in its ends, longitudinal wires upon said core engaged with said notches and united at the end of the core, and means for spacing said wires from the intermediate portions of the core-body, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAMES E. WRIGHT.

Witnesses:

JOHN M. MACFARLAND,
A. C. NIELSEN.