

No. 693,582.

Patented Feb. 18, 1902.

J. J. BOYLE.
FENCE POST.

(Application filed Oct. 31, 1901.)

(No Model.)

Fig. 2.

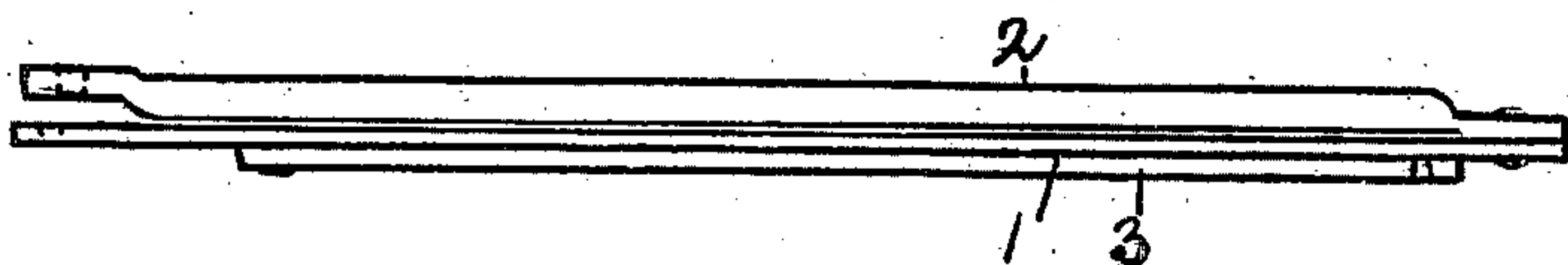
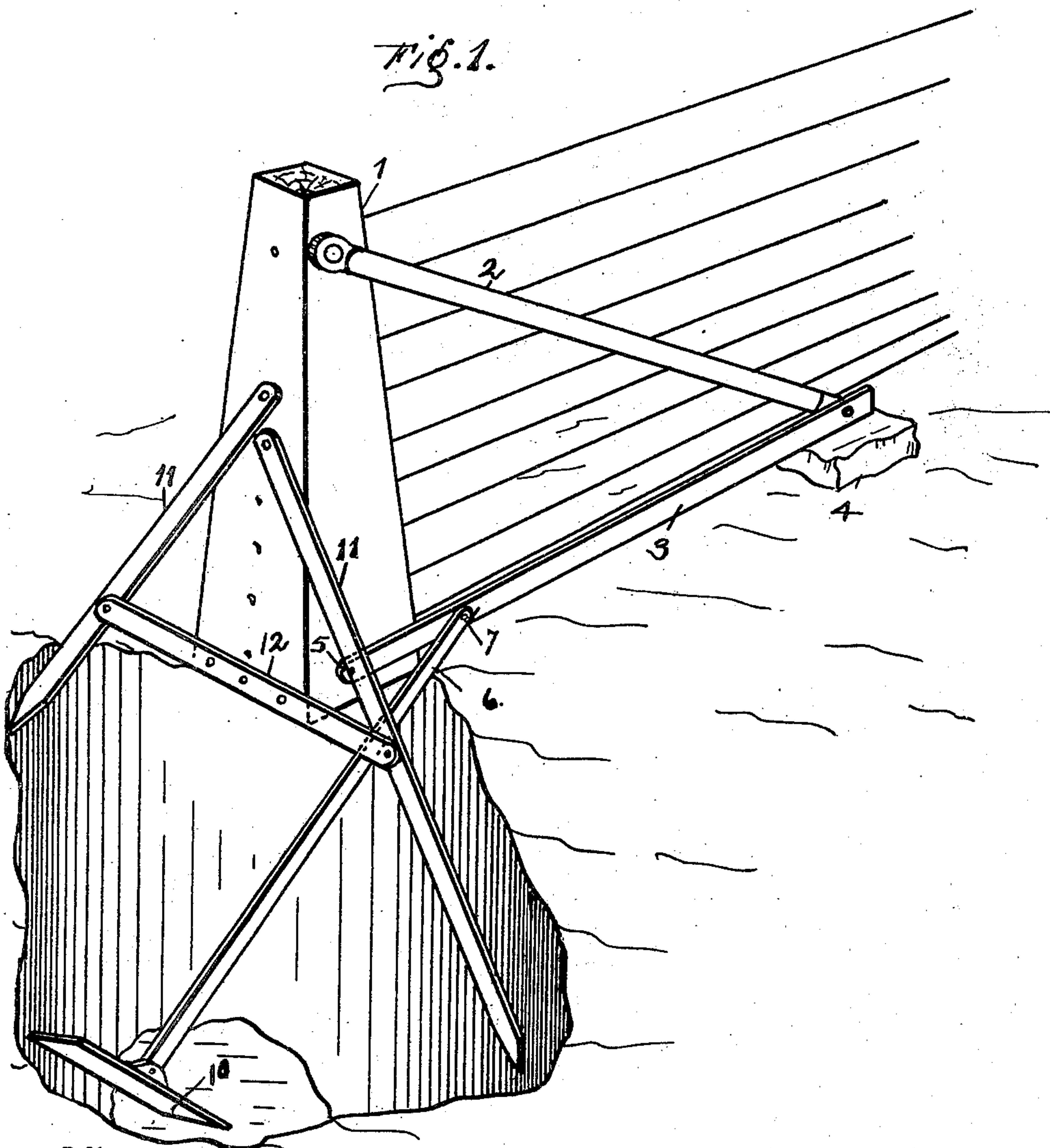


Fig. 1.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN J. BOYLE, OF COLUMBUS, INDIANA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 693,582, dated February 18, 1902.

Application filed October 31, 1901. Serial No. 80,611. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. BOYLE, a citizen of the United States of America, residing at Columbus, in the county of Bartholomew and State of Indiana, (post-office address same,) have invented certain new and useful Improvements in Fence-Posts, of which the following is a full, clear, and exact description.

10 The object of my invention is to provide a stable fence-post especially adapted for use as a corner-post for wire fences.

A further object is to provide a system of braces for use in connection with said post 15 which can be easily handled and shipped and which can be put up with a minimum amount of trouble; and my invention consists in the combination and arrangement of parts herein-after described and claimed.

20 In the drawings, Figure 1 is a perspective view of my invention, and Fig. 2 a plan of the braces folded for shipment.

The numeral 1 represents the end post, consisting of any preferred material. This, however, can be of light construction, as the bracing hereinafter described and claimed stiffens the post and holds it against the tension of the wires.

30 Secured to the post 1 near its upper end is a brace-iron 2, extending forward and downward and pivotally connected with a bottom brace-iron 3, the outer end of which rests on a suitable surface 4 and the opposite end connected to part 1 at 5. This connection can 35 be made in any approved way. Where a wooden post is used, the connection can be made by means of the ordinary lag-screw.

A ground brace-iron 6 is pivotally connected to bar 3 at 7, this latter point being located 40 near point 5. The lower end of this brace 7 is provided with an anchor-plate 10 of any suitable design. It will now be noted that the top wires of a fence bring a compression strain on brace 2, and I prefer a pipe for this, 45 flattened at the ends to provide for the suitable connections. This compression is transferred to the ground at point 4 in the form of direct pressure and to bar 3 in the form of tension. This is then transferred to bar 6 in

the form of tension, which comes directly on 50 anchor-plate 10. The connection between bars 3 and 6 is close to the post 1, which prevents lifting of the post. It will also be noted that wires stretched near the bottom of the post tend to pull the post in the direction of the 55 tension, thus bringing a compression strain on bar 3 between its connection to the post and to the ground-brace 6. This strain is then transferred to brace 6 in the form of tension, which comes directly on the anchor- 60 plate 10.

In making my improvement I propose to pivotally connect the bars together, so that they can be folded for shipment, as shown in Fig. 2.

65 For bracing the post against side strains I provide angular braces 11, extending into the ground and connected to the post in any suitable manner. As an additional precaution to prevent lifting of the post I connect these 70 braces by means of a cross-piece 12, which is also secured to the post.

I am aware of the fact that wire braces extending into the ground in the rear of a post have been used, and as this does not accom- 75 plish the same results as my improvement I make no claim to the same.

What I claim is—

1. A fence-post, consisting of main body portion, a brace-bar secured to said portion, 80 near its upper end; a horizontal brace-bar, pivotally connected to the free end of said first bar, and secured to the main body portion near the ground, and a ground-brace pivotally connected to the horizontal brace-bar, 85 near its connection to the main body portion of the post, substantially as and for the purpose set forth.

2. A fence-post, consisting of a main body portion, a brace-bar secured to said portion, 90 near its upper end; a horizontal brace-bar, pivotally connected to the free end of said first bar, and secured to the main body portion near the ground, and a ground-brace pivotally connected to the horizontal brace-bar, 95 near its connection to the main body portion of the post, angular braces secured to the post and extending into the ground and a cross-

iron connecting said braces, and secured to the post, substantially as and for the purpose set forth.

3. A fence-post brace consisting of a bar, 2,
5 provided at one end with means whereby it can be secured to a post, a bar, 3, pivotally secured to the other end of the first bar, said bar, 3, being provided at its opposite end

with means for securing it to a post, and a ground-brace, or bar, pivotally secured to bar 10 3, near the opposite end, substantially as and for the purpose set forth.

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