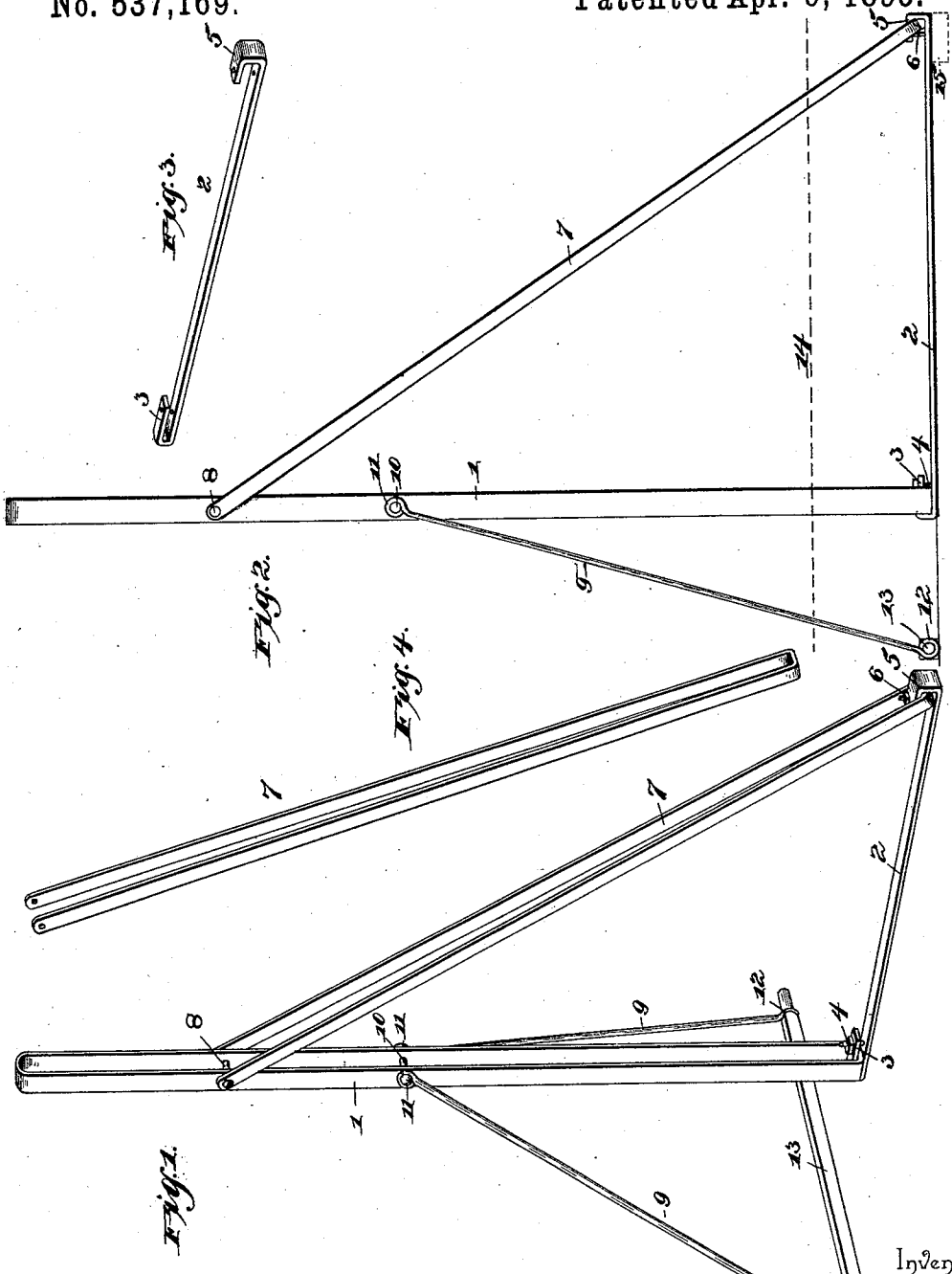
(No Model.)

W. POWELL.

FENCE POST.

No. 537,169. Patented Apr. 9, 1895.



Inventor

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM POWELL, OF ROACHDALE, INDIANA, ASSIGNOR OF ONE-HALF TO CHARLES PARKER, OF SAME PLACE.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 537,169, dated April 9, 1895.

Application filed June 16, 1894. Serial No. 514,806. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM POWELL, a citizen of the United States, residing at Roachdale, in the county of Putnam and State of Indiana, have invented a new and useful Fence-Post, of which the following is a specification.

This invention consists in certain improvements in the construction of that class of fence posts which are formed of bars of iron joined to each other so as to form braces and anchors; and it has for its object to produce a post in which the construction will be such that a more durable and generally desirable device will be the result.

In the accompanying drawings: Figure 1 represents a perspective view of a post constructed after the manner of my invention; Fig. 2, a side elevation thereof, showing in dotted lines the relation which the post bears to the surface of the ground; Fig. 3, a detail perspective view of the base portion; Fig. 4, a similar view of the main or front brace.

The reference numeral 1 indicates the main or upright portion of the post, or the post proper, which is formed of an integral strip of wrought iron shaped into a vertically-elongated loop and having the contiguous ends of the strip welded together. 2 indicates the base portion of the post, which is also formed of a strip of wrought iron, having its inner end bent upwardly and thence horizontally parallel with the main portion so as to form the hook 3, which passes through the lower end of the main portion 1, and is securely held in place and the parts 1 and 2 bolted to each other by means of the vertically-extending bolt 4, which passes through the main portion of the base section and through the end of the hook 3. By these means the parts 1 and 2 are connected to each other.

The base portion 2 projects out horizontally from the main or upright portion 1, and for a distance equal to a little less than the length thereof. Here it is formed with a rearwardly-opening hook 5, similar to the hook 3, and provided with a bolt 6, by which it is securely clamped around the lower end of the front brace 7. The front brace 7 is formed of an integral strip of wrought iron bent as a vertically-elongated U and having its horizontal portion, or that portion which joins the parallel arms, arranged at the lower end and within the hook 5. This portion of the front brace 7 is arranged with its edges in contact with the hook and the main portion of the base 2, and diagonally, as is necessary owing to the diagonal arrangement of the arms.

The brace 7 extends from the outer end of the base 2 upwardly and inwardly toward the main portion 1, with which it is connected at a point distant from its lower end about two-thirds the length thereof. The upper ends of the arms composing the brace 7 are not joined directly to each other, but are secured one on each side of the main or upright portion 2 of the post. This is effected by means of the bolt 8, which passes horizontally from one arm to the other and through the sections of metal composing the main portion.

I provide a second or rear brace 9, which is formed of two wrought iron rods, preferably circular in cross-section, and secured to the main or upright portion 1 by means of the bolt 10, which passes through the eyes 11 on the upper ends of the rods and through the metal composing the portion 1 of the post. From the bolt 10 the arms or rods composing the brace 9, proceed downwardly and out laterally to a point below the plane of the base portion 2, where they are provided with the enlarged eyes or rings 12, adapted to receive, respectively, the ends of the anchor-bar 13. The anchor-bar 13 extends horizontally from one rod to the other, and may be formed of any suitable or approved material.

In the use of my invention, the several parts are assembled and made rigid by their respective bolts and connections. The post is next buried in the ground, so that the level thereof will lie about where the dotted line 14 of Fig. 2 is located. The dotted line 15 indicates a rock which it is preferred to bury just below the outer end of the base 2. The purpose of this rock is to furnish a solid rest or support for the base, and to prevent the excessive sinking of the base portion owing to the strain of the wires which will be placed thereon. These rocks may also be placed under other portions of the post, but the necessity for them is not anticipated.

Having thus described the invention, I claim—

A fence post comprising in its construction a main or upright portion formed of an integral bar of metal shaped as a vertically-elongated loop, a base portion formed of a section of metal having one end bent over the lower end of the main portion and bolted thereto, the remaining end of the base portion being formed with an inwardly-opening hook, and a brace shaped as an elongated U and having its horizontal portion arranged in the last-named hook and secured therein by bolting, the upper end of the brace being rigidly secured to the main portion of the fence, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM POWELL.

Witnesses:
J. H. GRANTHAM,
A. G. CAUK.