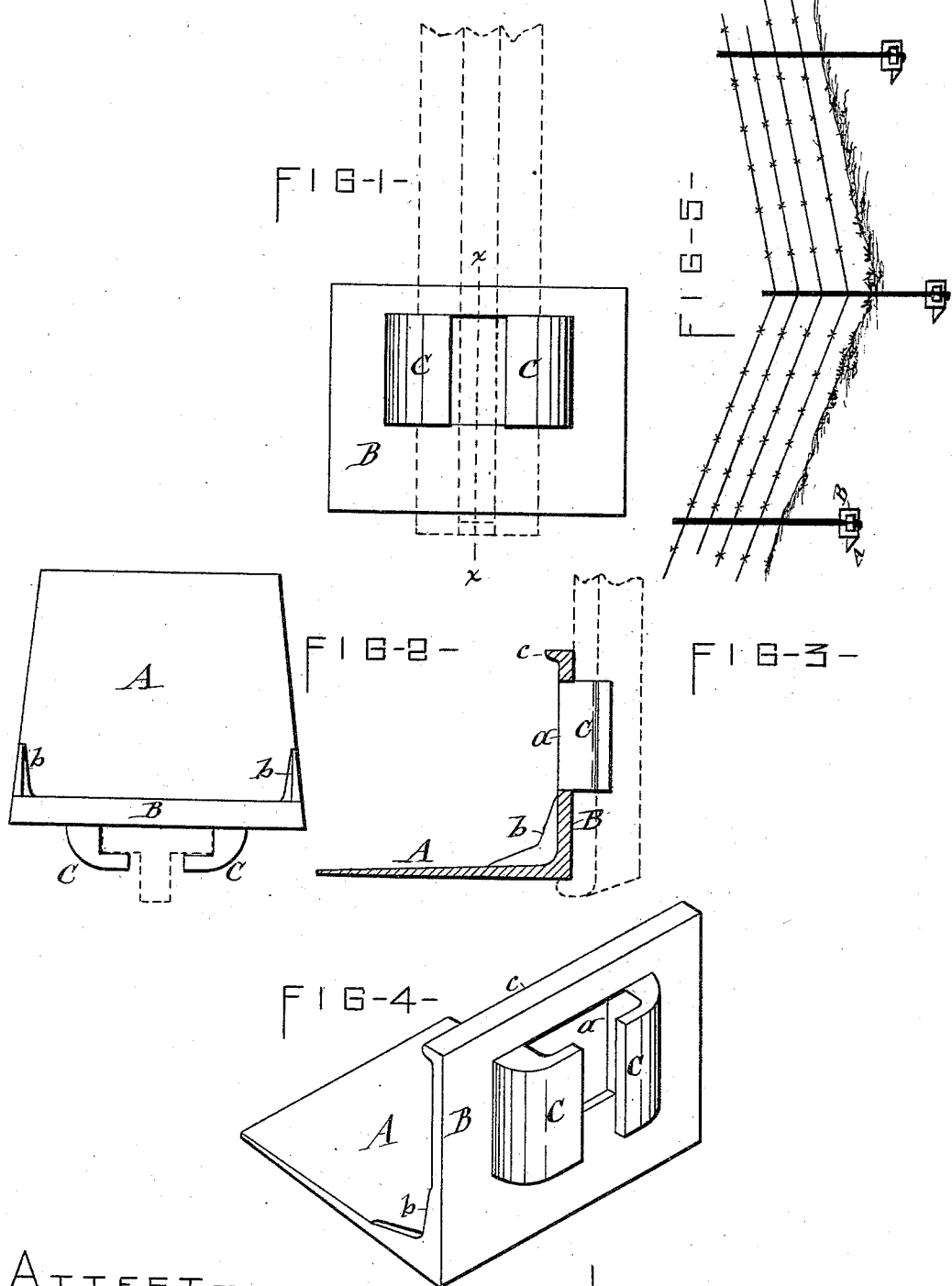


(No Model.)

J. CARPENTER.
FENCE POST ANCHOR.

No. 319,558.

Patented June 9, 1885.



ATTEST—
Paul G. Raymond
C. Bendison

INVENTOR—
James Carpenter
per H. H. Laessle
his Atty.

UNITED STATES PATENT OFFICE.

JAMES CARPENTER, OF MORAVIA, NEW YORK.

FENCE-POST ANCHOR.

SPECIFICATION forming part of Letters Patent No. 319,558, dated June 9, 1885.

Application filed March 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES CARPENTER, of Moravia, in the county of Cayuga, in the State of New York, have invented new and useful
5 Improvements in Fence-Post Anchors, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of fence-
10 post anchors which are applied to the feet of slender metallic posts for the purpose of securely holding them in the ground and sustaining them in an erect position.

My invention consists in a novel and simple
15 post-anchor, which is comparatively inexpensive to manufacture, readily applied to the post, and capable of resisting all ordinary strains which the post is subjected to.

The invention is fully illustrated in the annexed drawings, wherein Figure 1 is a face
20 view of the anchor; Fig. 2, a plan view of the same; Fig. 3, a vertical transverse section on line *x x*, Fig. 1; Fig. 4, an isometric view of the post-anchor, and Fig. 5, a view illustrating the utility of my invention in maintaining
25 in the ground the posts of a fence extended across a ravine.

Similar letters of reference indicate corresponding parts.

30 Said post-anchor is composed, essentially, of a horizontal base-plate, A, from which rises a vertical wall, B, provided on its side or face with a socket or post-gripping devices, C C, into which the foot of the fence-post is inserted, as represented by dotted lines in the
35 drawings. Said anchor is more particularly designed for posts of T shape in cross-section, and therefore the gripping devices C C are made in the form of lips, which project from
40 the wall B a proper distance apart to receive between them the cross-bar or web of the T-shaped post and are made to overlap and embrace said web, as illustrated by dotted lines
45 in the drawings.

To prevent the withdrawal of the post from the anchor I upset the foot of the post at the under side of the anchor, as illustrated in Fig. 3 of the drawings. The stem portion
50 of the T-post, to which the fence-wires are firmly attached, projects from between the grips C C.

The described anchor is formed in one piece of either cast, malleable, or wrought iron. When made of cast-iron I construct it with
55 an opening, *a*, back of the socket or grips C

C, so as to dispense with the use of a core for forming the aforesaid socket, and when formed of wrought-iron I strike the lips or grips C C up from the plate B, which may be readily accomplished by means of suitable
60 dies.

To re-enforce the plate B, and compensate for the displacement of a portion thereof by the opening *a*, I provide the top edge of said
65 plate with a rib or flange, *c*, extended the length thereof. The plate B is also stiffened by corner-braces *b b*, as shown in Figs. 2, 3, and 4 of the drawings.

In setting a post with my improved anchor said parts are first united, in the manner here-
70 inbefore described, and then set into a hole sunk in the ground to the requisite depth, said hole being subsequently filled and the earth thoroughly tamped therein; and when this is done in a workmanlike manner my
75 improved anchor is capable of maintaining the post in an erect position and resisting all ordinary strain it may be subjected to, and is also capable of preventing the post from being
80 drawn out of the ground when situated in a ravine, and subjected to the strain from fence-wires stretched from post to post at relatively higher points, as represented in Fig. 5
of the drawings.

Having described my invention, what I claim
85 is—

1. The within-described fence-post anchor, consisting of a base-plate, a wall rising from said base, post-gripping projections on the
90 side of the wall, an opening in the wall back of the grips, and a re-enforcing rib along the top edge of the wall, all formed in one piece of metal, substantially as described and shown.

2. The anchor consisting of the base A and
95 vertical wall B, provided with grips C C, all formed in one piece, as described, in combination with the T-post P, inserted with its web between the grips C C, and upset at the base of the anchor, substantially in the man-
100 ner shown and set forth.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York,
105 this 26th day of February, 1884.

JAMES CARPENTER. [L. S.]

Witnesses:

C. BENDIXEN,

C. H. DUELL.