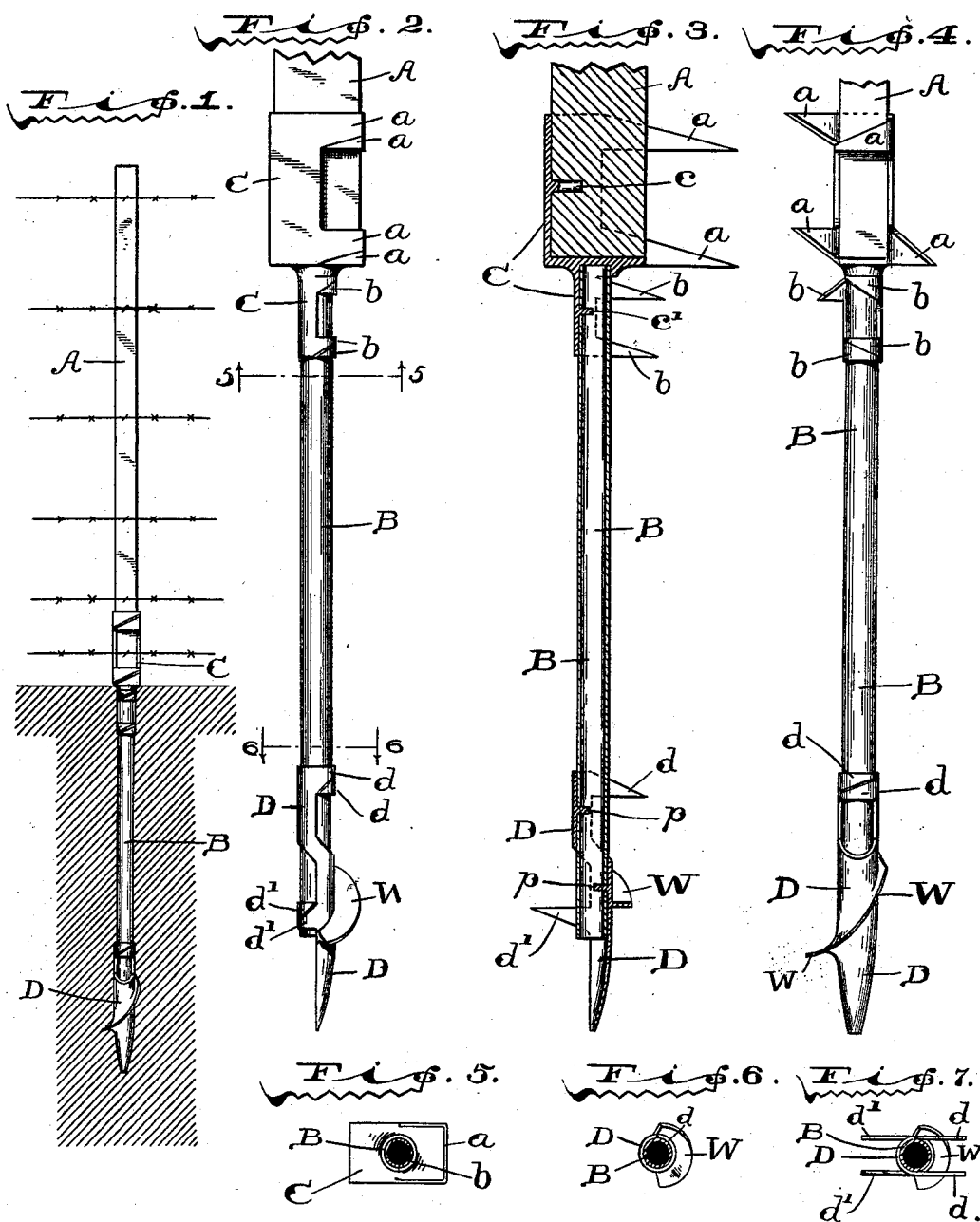


(No Model.)

C. M. KILER.
FENCE POST.

No. 513,115.

Patented Jan. 23, 1894.



WITNESSES:

F. H. Kanner.
J. A. Walsh.

INVENTOR

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BY

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UNITED STATES PATENT OFFICE.

CHARLES M. KILER, OF INDIANAPOLIS, INDIANA, ASSIGNOR OF ONE-HALF
TO STEPHEN E. URMSTON, OF SAME PLACE.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 513,115, dated January 23, 1894.

Application filed September 5, 1893. Serial No. 484,822. (No model.)

To all whom it may concern:

Be it known that I, CHARLES M. KILER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

The object of my said invention is to produce a light and inexpensive fence post, and one in which the base portion or point can not only be easily made, but also easily and quickly attached to the adjacent post portion.

A fence post embodying my said invention will be first fully described, and the novel features thereof then pointed out in the claims.

Referring to the accompanying drawings, which are made a part hereof, and in which similar letters of reference indicate similar parts, Figure 1 is a side elevation of a fence post set in the ground, and embodying my said invention; Fig. 2 a view on a larger scale of a side at right angles with the side shown in Fig. 1; Fig. 3 a central sectional view with the wings (shown as bent or closed in Figs. 1 and 2) as they appear before being closed; Fig. 4 a view similar to Fig. 1 but having a portion of the wings bent out; Fig. 5 a view as seen when looking upwardly from the dotted line 5 5 in Fig. 2; Fig. 6 a view as seen when looking downwardly from the dotted line 6 6 in Fig. 2, and Fig. 7 a view similar to Fig. 6, except that the wings are shown as extending out as they appear before being bent in around the other parts.

In said drawings the portions marked A represent the upper part of the post; B the lower part or base; C a coupling by which said two parts are united, and D the point of the base.

The post A or the portion which extends above the ground, is shown as a plain wooden post, and, while the particular combination of which this part makes an element is a feature of my present invention, obviously the base or lower portion B might be extended up or continued to form this upper portion A, without affecting the main or principal features of my present invention, which are embodied in the point D. To this part A, whatever its construction, the fence wires or rails are secured. The lower or base portion of the post B is shown as a piece of ordinary iron

pipe, and is usually of a length practically equal to the distance which it is desired that the post shall enter the ground.

The coupling C is a casting, preferably of malleable iron, provided with the projections *c c'*, as shown in Fig. 3, and with the wings *a* and *b*, as shown most plainly in Fig. 4. The projections *c c'* enter perforations formed in the post parts A and B, respectively, and thus secure said post parts from longitudinal movement in said coupling, when said parts are assembled together. The wings *a* are preferably four in number, and are adapted to be closed in around the post part A, while the wings *b*, preferably of a like number, are adapted to be closed in around the post part B, all as plainly shown in the drawings. These wings are preferably tapered, one of each pair in one direction and the other in the other, so that when closed together they lie alongside each other (also as shown in the drawings) and thus a neat finish is provided. When the parts are assembled, and the wings closed in, a firm and secure union between the two parts is effected, and a rigid and durable combination post thus formed, the lower part, which is buried in the earth, being of metal, while the upper part, which projects into the air, and which is thus less subject to decay, may be of wood, thus reducing the expense of the complete structure.

The post point D is provided for the purpose of enabling the post to be quickly and easily inserted in the ground, and firmly held there after being inserted. It consists of a light skeleton structure, as shown most plainly in Figs. 2 and 3, with portions of its sides substantially open, so that it can be cast without the use of cores, and extending out parallel with its open sides are the four wings *d d'*, two upon each end. These wings are formed like the wings *a b* on the coupling C, and are adapted to be closed in in the same manner when the parts are assembled. Said point is also provided with projections *p* which enter corresponding perforations in the sides of the post part B, thus holding said point firmly onto said post part longitudinally. The wings being closed in, the point and post part are firmly united together, as will be readily understood. The extreme lower end of this point is gouge-shaped, and is thus enabled to

enter the earth readily; and upon its main portion is a substantially spiral flange W, by which, when the post is turned, it will be drawn down into the earth, and there securely held, without either digging a post hole or driving the post. This flange is upon one side only, and thus does not interfere with the casting of the part. Its lower end is curved, somewhat after the fashion of the mold-board of a plow, and this I find aids in the operation.

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

1. The combination, in a fence post, of the upper post part A, the lower post part B, and the coupling C provided with projections *cc'* and wings *a b*, whereby a combination post is produced, substantially as set forth.

2. The combination, in a fence post, with the lower end thereof, of a point D provided with projections *p* and wings *d d'*, substantially as shown and described.

3. The combination, in a fence post, with the lower portion thereof, of a point D open upon

opposite sides at the upper and lower portions thereof, and provided with wings extending out alongside the openings, substantially as set forth.

4. The combination, in a fence post, with the lower part thereof, of a point D, projections and wings on said point whereby it is secured to said lower portion, and a gouge-shaped extreme end whereby the driving thereof is facilitated, substantially as set forth.

5. The combination of the upper post portion A, the lower post portion B, the coupling C whereby the two are united, and the point D secured to the lower end of the portion B and provided with a gouge point and a screw flange, the whole constituting a fence post, substantially as and for the purposes set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 14th day of August, A. D. 1893.

CHARLES M. KILER. [L. S.]

Witnesses:

CHESTER BRADFORD,
JAMES A. WALSH.