

A. P. BOWES.
Post for Fences, &c.

No. 206,078

Patented July 16, 1878.

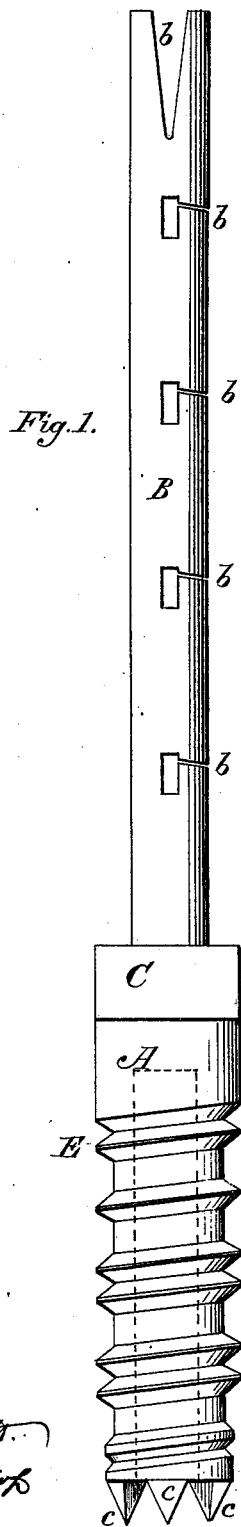


Fig. 1.

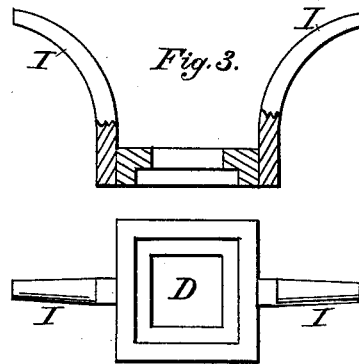


Fig. 2.

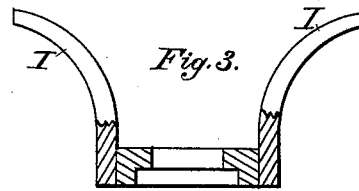


Fig. 3.

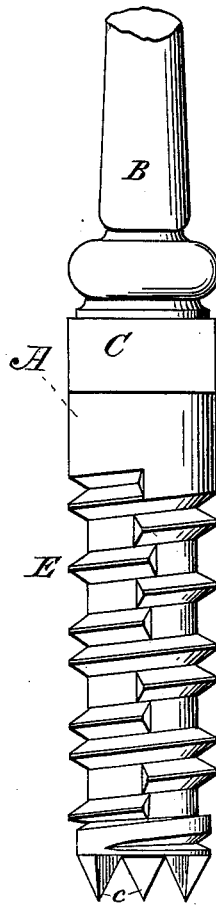
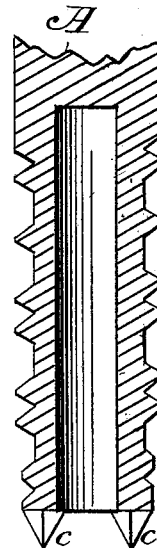


Fig. 4.

Fig. 5.



Attest:
H. H. Schmidt.
J. C. Hartung

Inventor:
Alden P. Bowes
J. C. Hartung
att'y

UNITED STATES PATENT OFFICE.

ALDEN P. BOWES, OF MICHIGAN CITY, INDIANA.

IMPROVEMENT IN POSTS FOR FENCES, &c.

Specification forming part of Letters Patent No. **206,078**, dated July 16, 1878; application filed June 10, 1878.

To all whom it may concern:

Be it known that I, ALDEN PARTRIDGE BOWES, of Michigan City, La Porte county, State of Indiana, have invented certain new and useful Improvements in Fence-Posts; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon which form a part of this specification.

This invention relates to that class of fence-posts known as "self-setting posts," which are so formed at their lower ends that they may be firmly and quickly set by simply screwing them into the ground without first making a hole to receive them; and it consists in making the lower end of the post a hollow tube and attaching to the extreme end thereof small cutters, which will cut the ground so as to form a core that will snugly fill the hollow or bore in the post as it sinks into the earth in setting; and it further consists in providing the outside of the lower portion of the post from the shank or shoulder to the extreme end with a screw-thread and flanged cutter of peculiar construction adapted to the purpose of aiding and facilitating the introduction of the post into the ground, which will be first fully described and then specifically claimed.

In the drawing, Figure 1 is a side view of my improved post. Fig. 2 is also a side view of the post, showing the opposite side from that shown in Fig. 1. Fig. 3 is a plan and sectional view of the wrench used for inserting the posts into the ground. Fig. 4 is a plan view of the lower end of the post, looking toward the top.

The post A is made of cast-iron or other material. B represents that part of the post above the shank C. It may be cast solid, or it may be formed of a bar of wrought-iron of the proper size, and secured to the shank by

placing it in the mold and casting the base around it, or it may have a screw-thread cut upon its lower end and screwed into the base. The part B of the post is also provided with mortises and slits or niches *b*, to receive the wire or other material used in forming the fence.

The shank C is made square for the purpose of receiving the wrench D, by means of which the post is inserted into the ground. The bottom part of the post A, extending from the bottom as far up as the shank C, is cast hollow, forming a hollow tube, the extreme bottom end of which is provided with cutters *c*, which, in operation, leave a core which exactly fills the hollow part of the post when it is inserted in the ground or set.

The outside of the tube, from the shoulder down to its lower end, is provided with flanges or screw-threads E, which are not continuous, but disconnected and placed from one and a half to two inches apart, so as to have solid earth between them, thus doing away with the loose earth, and securing the post firmly in position. The shoulder C acts also as additional strengthener for securing and maintaining a sure, solid, and upright position of the post.

D is the wrench, and I the handles, used for inserting the post into the ground.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is the following, viz:

1. In a fence-post, the hollow base A, provided with interrupted screw-threads E, and cutter *c*, substantially as and for the purpose described.

2. A fence-post consisting of the hollow screw-threaded portion A, having cutters *c* and shank C, and the mortised and niched part B, as and for the purpose specified.

ALDEN PARTRIDGE BOWES.

Witnesses:

JOHN RENKOWITZ,
JOHN H. BOWES.