E. S. SANFORD.
Fence-Post.

No. 207,685. Patented Sept. 3, 1878.

Fig. 1.

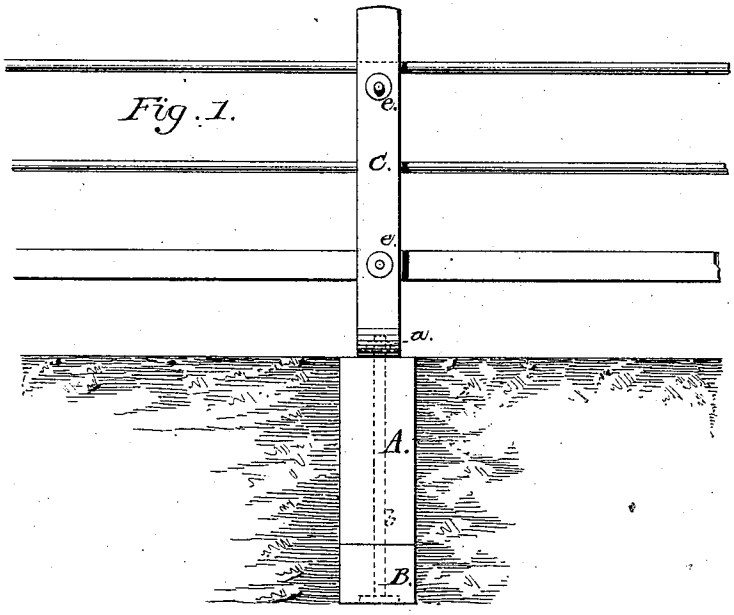
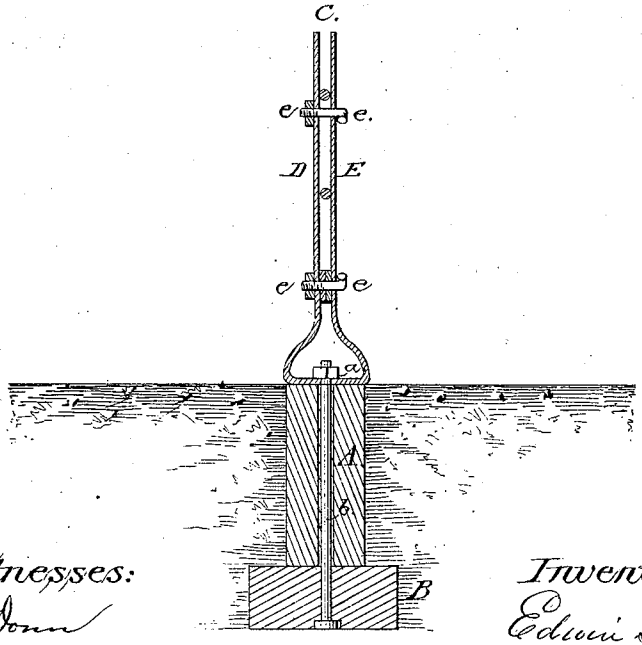


Fig. 2



Witnesses:
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by Wm. W. Duncan Atty

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UNITED STATES PATENT OFFICE.

EDWIN S. SANFORD, OF GROVE, OHIO.

IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. **207,685**, dated September 3, 1878; application filed July 23, 1878.

To all whom it may concern:

Be it known that I, EDWIN S. SANFORD, of Grove, in the county of Geauga and State of Ohio, 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 letters of reference marked thereon, which form a part of this specification.

My invention is an improvement in posts for fences.

It consists, first, in a base of burnt clay or tiling formed of two separate pieces, secured together by a bolt and set with reference to each other, so that the lower piece will project from its fellow on either side, so as to form an immovable anchorage when buried in the earth.

It consists, secondly, of a post formed of plate or heavy sheet or boiler iron bent somewhat in the shape of a **U**, with arms extending upward, which are secured together by bolts, as is more fully described hereinafter, to clamp the wires or rails of the fence which stretch between them.

An opening in the base of the **U** is provided for a bolt, by which the post may be secured to its base.

In my drawings, Figure 1 is an elevation of my post complete with the rails or wires applied. Fig. 2 is a vertical transverse section of same.

Similar reference-letters indicate like parts in all of the figures.

Referring to drawings, A B are the two pieces of tiling or burnt earth, rectangular in form, secured together by bolt and nut *a b*. The lower piece, B, projects horizontally from the piece A right and left to give a good base and anchorage to the post when buried in the ground.

C is the upper part of the post, which is composed of a single piece or strip of sheet, plate, or boiler iron, bent first in the form of a **U**, and secured by bolt and nut *a b* firmly to the base-pieces just described.

The arms D E of the plate are bent in toward each other and clamped together by bolts and nuts *e*, as many as may be necessary, to form the complete upper member of the post.

When the rails or wires are to be placed between two or more of the posts the bolts may be loosened and afterward tightened to clamp the rails or wires between the arms of the posts.

By providing posts constructed in this manner I have several advantages over any now in use—as, for instance, its upper member being made of a single strip of flexible metal, it is cheap and easy of construction; secondly, it being divided in the middle and clamped by bolts, the wires or rails of the fence may be easily and readily applied and secured; thirdly, the base of the post being of burnt earth, its durability is beyond a question.

The upper section of the base I have shown and described as rectangular, although in practice of manufacture I may find it practicable or economical to form them in the shape of drain-tile.

I have described the base of my posts, which rests or is buried in the ground, being of burnt earth, though I may find it convenient to use in combination with the iron construction forming the upper member wood butts instead.

I am aware that posts for fences are in use constructed of iron of different kinds, both above and below ground, and I do not claim, broadly, an iron fence-post; but

What I do claim as new, and desire to secure by Letters Patent, is—

The base A B, and **U**-shaped strap C, secured together by bolt and nut *a b*, in combination with bolts *e* and the rails or wires of a fence, as and for the purpose set forth.

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

EDWIN SMITH SANFORD.

Witnesses:
S. J. ESTY,
E. A. ESTY.