

A. J. GILL.
FENCE POST.

Fig. 1.

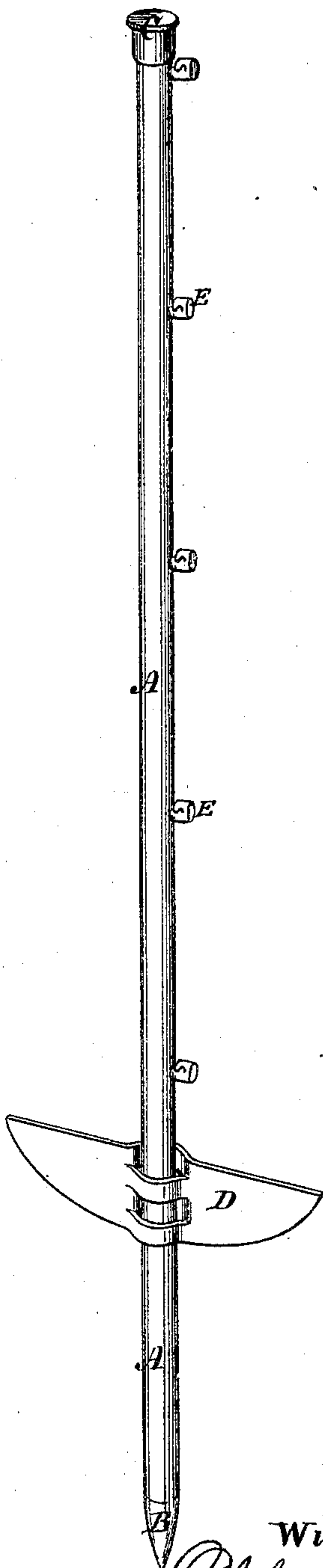


Fig. 2.

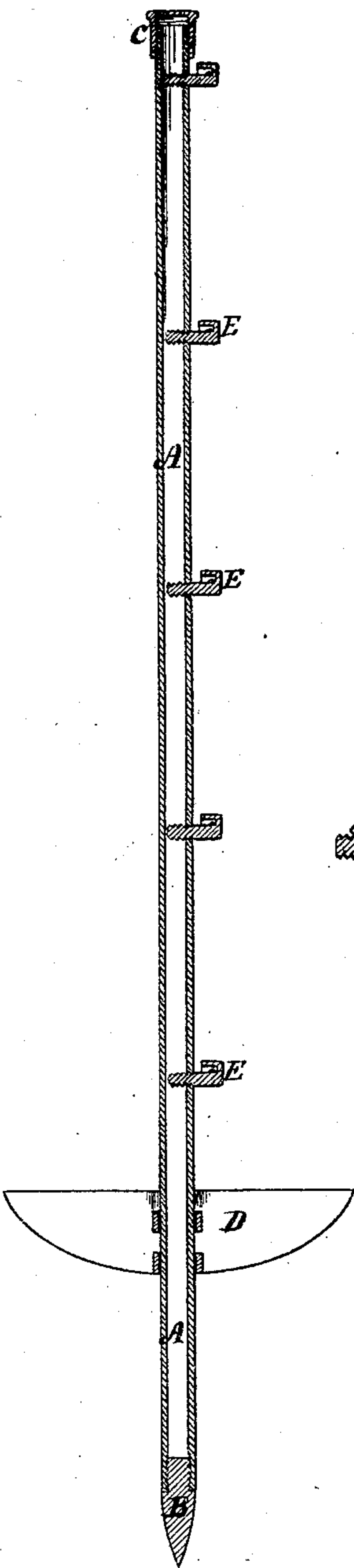
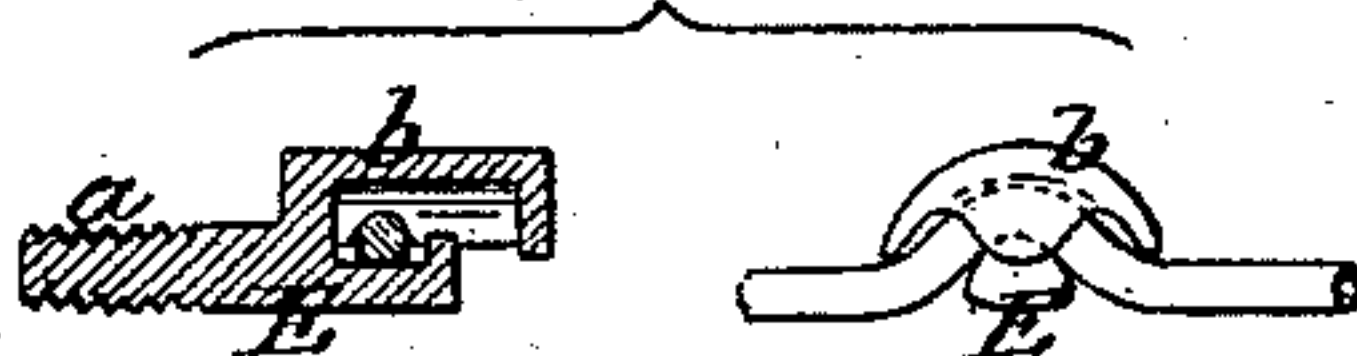


Fig. 3.



Fig. 4.



Witnesses

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Letters Patent No. 113,872, dated April 18, 1871.

IMPROVEMENT IN FENCE-POSTS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ANDREW J. GILL, of Denver, in the county of Arrapahoe and Territory of Colorado, have invented certain new and useful Improvements in Metallic Posts for Fences, Telegraphs, &c.

My invention is designed as an improvement in posts intended more especially for the construction of wire fences, and the same consists in constructing the post of metallic piping provided with a cap at the top and a solid point at the base.

My invention further consists in the combination with a fence-post of a bladed flange-support and certain wire-holding studs of peculiar construction; and I do hereby declare the following specification, taken in connection with the drawing furnished, to be a full, clear, and exact description thereof.

Figure 1 represents in perspective a view of one of my improved fence-posts complete;

Figure 2 represents a vertical section of the same; and

Figure 3, a view in perspective of one of the holding-studs.

Figure 4 represents a modification of the holding-studs.

In the drawing—

A represents the hollow fence-post. It is constructed of metallic piping, and arranged to be driven into the ground, having a solid point, B, attached to its base. It is also provided with a screw-cap, C. The point B may be secured by a screw-thread, or swaged in a well-known manner.

D is the flanged support or brace. It is constructed of a single piece of metal provided with a central tubular neck, which is loosely fitted to the post A, and also provided with a sharp-bladed edge, which renders it easy to be driven into the ground when attached to or used in combination with a post. By the use of this flanged support D the post A, when driven into the ground, is firmly secured in an upright position. When it is found necessary to drive the posts into the ground at different depths the flange-

support, being loosely attached to them, may be raised or lowered, and then driven into the ground after the post shall have been placed in position.

E in each case represents a holding-stud. They are arranged to securely hold the wire, and at the same time protect the points of contact therewith.

The peculiar construction of the holding-stud is shown more clearly in fig. 3. It consists of a pin, *a*, provided at one end with a screw-thread, affording a means of attachment to the post.

The opposite end of the pin is enlarged, and rises in the form of a hood, *b*.

The wire, when placed in the stud, is passed over the pin *a* and directly under the hood *b*, which effectually shields its point of contact therewith thereby in a great measure preventing rust.

In fig. 4 I have shown a modification of my improved holding-stud. The stud therein represented is made of an angular form. The wire is held in position by the hook formed on the end of the stud.

This construction of the holding-stud will also be found very desirable, as the points of contact with the wire are fully protected, as shown in fig. 4. Posts substantially as described would be desirable for ordinary telegraphic purposes.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The improved iron post herein described, formed of piping, and provided with a fixed cap, C, and solid point, B, as and for the purposes specified.

2. The holding-stud E, arranged to hold the wire, and provided with the cap or hood *b* to protect the points of contact therewith, as described.

3. In combination with a drive-post A, and loosely connected thereto, the bladed flange lateral support D, substantially as described

ANDREW J. GILL.

Witnesses:

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