F. C. HALL.

IRON FENCE-POSTS.

No. 194,963. Patented Sept. 11, 1877.

Fig. 1.

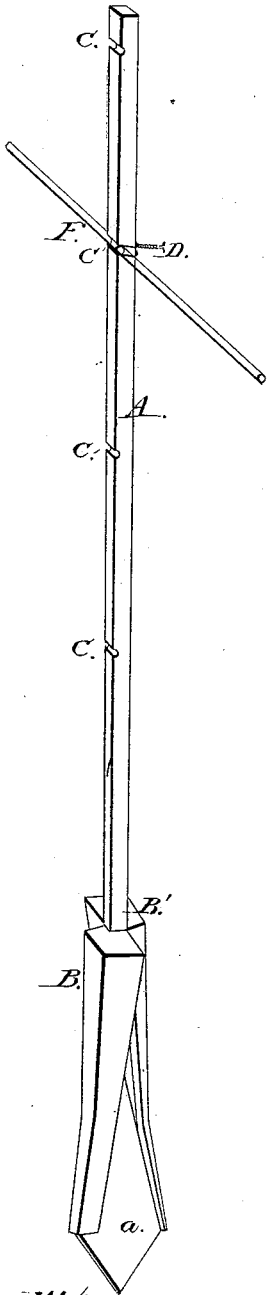


Fig. 3.

Fig. 5.

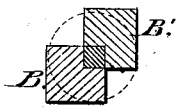


Fig. 4.

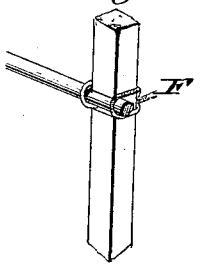
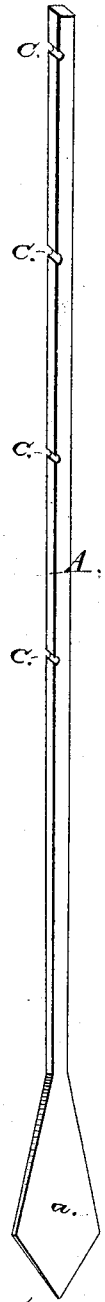


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANK C. HALL, OF NEWTON, IOWA.

IMPROVEMENT IN IRON FENCE-POSTS.

Specification forming part of Letters Patent No. **194,963**, dated September 11, 1877; application filed June 30, 1877.

To all whom it may concern:

Be it known that I, FRANK C. HALL, of Newton, county of Jasper and State of Iowa, have invented a new and useful Improvement in Iron Fence-Posts for building fence of wire or other material, which improvement is fully set forth in the following specification and accompanying drawings, viz:

Figure 1 is a perspective view of a fence-post placed in the ground, with my device for bracing and fastening the same firmly in the earth.

Fig. 2 is a view of a wrought-iron post with a diamond-shaped point or flat triangular bottom, which may be driven into the earth any desirable distance.

Fig. 3 represents a cast-iron wedge, B, having one angle rabbeted to fit one of the angles of the post. A corresponding wedge, B′, (see Fig. 1,) is placed at an opposite angle. These wedges taper downward, and their rabbets conform to the contour of the spear-shaped point of the post, so that said wedges bear evenly against their respective angles from their tops to their bottoms. The flat surfaces of the rabbets are intended to bear evenly against corresponding flat surfaces of the post.

The wedges, it will be observed, are so formed that a horizontal section would show them covering one-half of the entire circumference about the axis of the post, forming thereby braces to strengthen and sustain it from all directions.

Fig. 4 is an enlarged view, showing manner of securing wire F.

Fig. 5 is a detail drawing, showing the rabbeted wedges fitting around the post.

The object of my invention is to furnish an iron fence-post, which, when placed in the earth, shall be broadest at the bottom, preventing its being drawn up by the frost, and is firmly braced at the earth's surface from all sides.

In the drawings, A is the post, the broadest part of which is to be driven into the earth. B B are the wedges or keys, driven beside the post A. C is a slot, which may be at any point on the post in which the fence-wire is laid, and held in position by the wire D, drawn tightly around the post from the back to the front, and over the fence material; thence to the back of post, and the ends locked together.

It will be seen from the foregoing that when the post A is driven in the ground, and the wedges or keys B B are driven by its sides, the post is braced in every direction at the surface, and also forms a wedge from the bottom toward the top.

My device is not confined to the building of wire fence, but may be used in the construction of any fence where a post is required.

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

The rabbeted angle-pieces B B′, in combination with the post A, as and for the purpose set forth.

FRANK C. HALL.

Witnesses:
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