

H. REYNOLDS.

FENCE-POSTS.

No. 180,159.

Patented July 25, 1876.

Fig. 1.

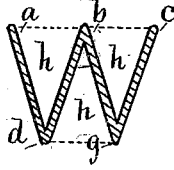


Fig. 2.

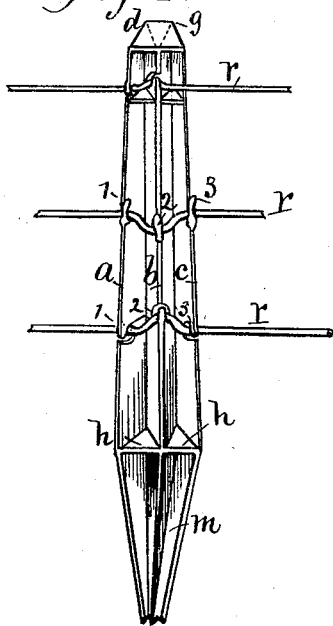
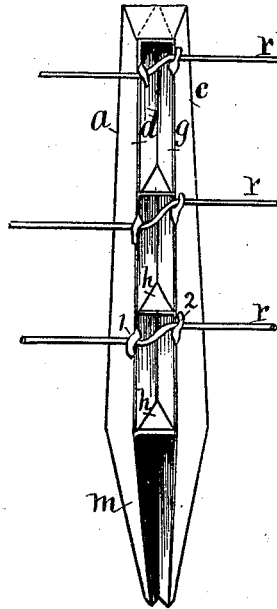


Fig. 3.



Witnesses,
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Geo. Brooke.

Inventor,
Hiram Reynolds,
By Thomas G. Orrig, atty.

UNITED STATES PATENT OFFICE.

HIRAM REYNOLDS, OF DES MOINES, ASSIGNOR OF ONE-HALF HIS RIGHT
TO WILLIAM ROUNDY, OF MARSHALL COUNTY, IOWA.

IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. **180,159**, dated July 25, 1876; application filed
January 6, 1876.

To all whom it may concern :

Be it known that I, HIRAM REYNOLDS, of Des Moines, in the county of Polk and State of Iowa, have invented an Improved Fence-Post, of which the following is a specification:

The object of my invention is to provide a post specially adapted for wire fencing, and also an improved means of securing the wires. It consists in a peculiar form of post and in the manner of retaining the wires on the post, all as hereinafter fully set forth.

Figure 1 of my drawing is a cross-section view of the body of my post. The dotted lines indicate webs designed to appear at intervals in each of the three triangular grooves or spaces of the **W** form, to strengthen the post. Fig. 2 is a perspective view of a complete post, and fully illustrates its construction, and also my improved method of securing the fence-wires to the post.

a b c are three longitudinal ribs, having parallel edges produced by the **W** form. *d g* are two corresponding ribs and edges on the opposite side of the post. *h h* represent webs that connect the ribs *a b c d g*. *m* is a ribbed butt tapered downward from the lower web *h*. This lower web *h* may be heavy, and serve as a means of driving the butt *m* into the ground by presenting an offset adapted to receive blows or pressure from a suitable driver. This web also increases the bearing-surface of the butt, and aids in resisting pressure, when the post is set in the ground.

Nos. 1 2 3 represent my wire-fastening de-

vice. It consists in forming hook-form catches integral with the post. The catch on the central rib *b* stands in reverse order from those on the outside ribs *a c*. *r r* is the wire hooked or looped upon the catches 1 2 3, and when it is stretched taut and the ends fastened it cannot escape from the post.

Fig. 3 is a perspective view, showing the opposite side of Fig. 2, and illustrates how two of my catches may be used on the ribs *d g*, to hold the wire *r r*.

My **W**-form post having a series of wire folding hooks or catches, 1 2 3, standing in reverse order to each other, may be cast complete in one piece, and vary in dimensions and weight, as desired.

I am aware that ribbed posts having pointed butts with radial flanges have been used; but I claim that my **W** form post having three longitudinal ribs and edges on one side or face and two on the opposite side is new and advantageous.

I claim as my invention—

1. As an improved article of manufacture, the **W**-form metallic fence-post provided with the tapering end *m* and the webs *h*, substantially as and for the purposes set forth.

2. The **W**-form metallic fence-post having the tapering end *m*, webs *h*, and the integral fence-wire catches 1 2 3, substantially as and for the purposes shown and described.

HIRAM REYNOLDS.

Witnesses:

C. A. JOHNSON,
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