

(No Model.)

J. J. KIMBALL.

IRON FENCE POST.

No. 261,727.

Patented July 25, 1882.

Fig: 1.

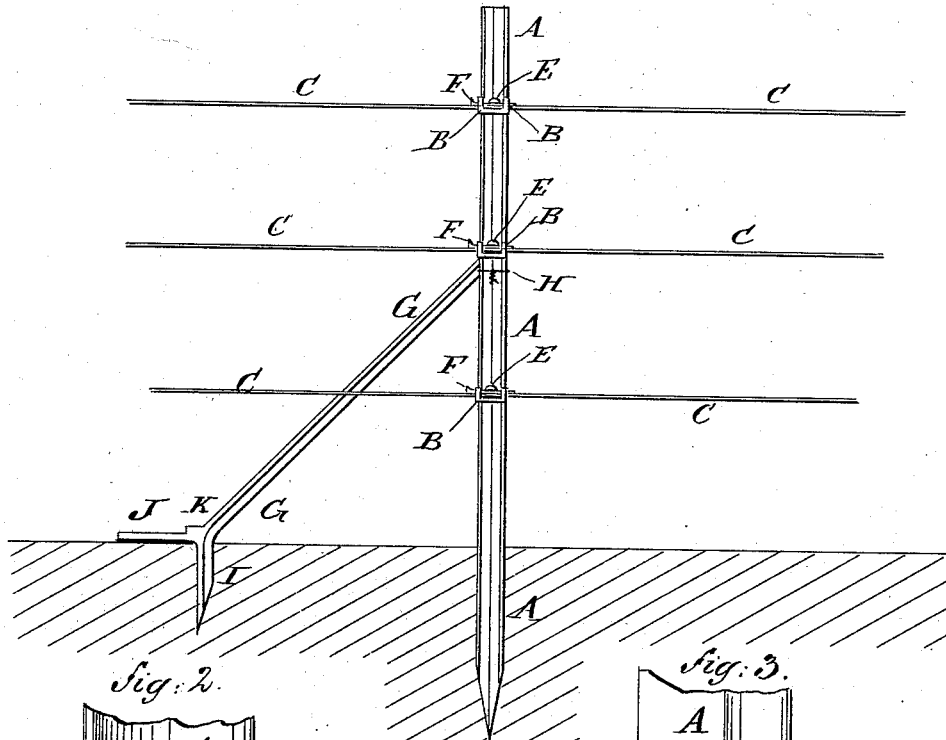


Fig: 2.

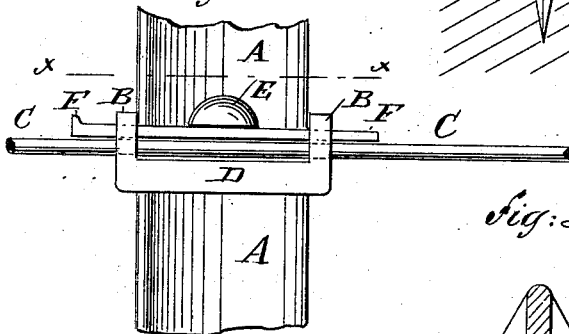


Fig: 3.

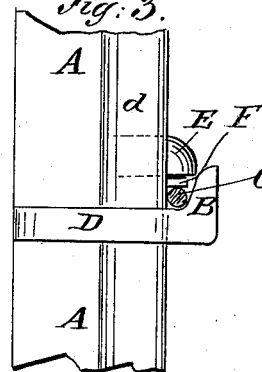
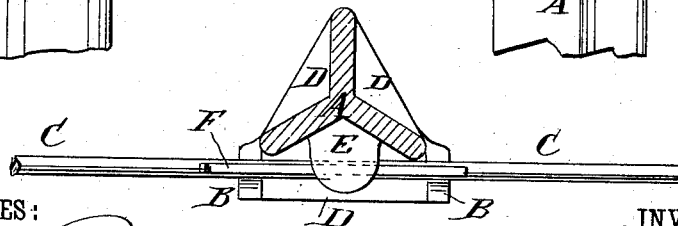


Fig: 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN J. KIMBALL, OF NAPERVILLE, ASSIGNOR TO HIMSELF AND GEORGE T. BEERS, OF CHICAGO, ILLINOIS.

IRON FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 261,727, dated July 25, 1882.

Application filed December 28, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN JAY KIMBALL, of Naperville, in the county of Du Page and State of Illinois, have invented a new and useful Improvement in Iron Fence-Posts, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my improvement. Fig. 2 is a front elevation of a part of the same enlarged. Fig. 3 is a side elevation of a part of the same enlarged. Fig. 4 is a sectional plan view of the same, taken through the line *x x*, Fig. 2.

This invention relates to posts for wire fences, and has for its object to promote convenience in applying the wire, and also to increase the strength and durability of the posts.

The invention consists in a fence post and brace of novel construction, as will be hereinafter fully described.

The post A is formed of three plates, webs, or wings, meeting each other at angles of one hundred and twenty degrees (120°). The post A is made sharp at its lower end, so that it can be readily driven into the ground. The post is designed to be arranged with the edges of two wings upon the line of the fence and the third wing at right angles with the said line, and upon the edges of the said two wings are cast recessed or hooked lugs B to receive and hold the fence-wires C, which fit into the angles between the said lugs and edges. The posts A are strengthened at the points where the lugs B are formed by webs D, as shown in Figs. 2, 3, and 4.

Upon the post A, in the angle between the lugs B, and at such a distance above the web D that the wires C when in the recesses of the said lugs will not touch it, is formed a projection or lug, E. With this construction, when the wires C have been inserted in the recesses of the lugs B and drawn taut they are clamped in place by a nail or other key, F, driven between the said wire C and the lug

E, as shown in Figs. 2, 3, and 4, so as to force the wires C down into the said recesses of the lugs B.

The post A, at the ends and angles of the fence and at suitable distances apart along the line of the fence, are strengthened against the strain of the wires by braces G, which are made of T form in their cross-section. The upper ends of the braces G are so formed as to fit against the side of the posts A, beneath the webs D, and have holes formed through them to receive a wire, H, which is passed around the said posts A and has its ends twisted together, so as to secure the upper ends of the said braces in place. The lower end or foot, I, of the braces G is bent downward, so as to enter the ground vertically and give the said braces a firm hold upon the ground to resist pressure. The braces G are provided at their angles with horizontal flanges J, to rest upon the ground and prevent the said braces from being pressed too deeply into the ground. Upon the angles of the braces G are formed heads K to receive the blows when driving the foot of the said braces into the ground.

The post A is coated with a paste formed of slaked lime to prevent it from rusting. This coating can be applied by submerging the posts in the lime paste or solution, and will protect the said posts from moisture from the ground or from the air, and will thus prevent the posts from rusting, and thus make them much more durable. Another advantage of this coating is that the posts can be more readily seen, so that animals will be less liable to run against the fence and injure it or themselves.

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

1. An improved fence-post consisting of the three-winged body A, having hooked lugs B formed on the edges of two of the wings, the webs D between the said hooked lugs, and the lugs E in the angle of the wings, substantially as and for the purpose set forth.

2. The combination, with the wire C and the key F, of the body A, provided with hooked lugs B on the edges of the wings and the lug

E in the angle of the wings, substantially as and for the purpose set forth.

3. The combination, with the three-winged post provided with the webs D, of the brace
5 G, having its upper end shaped to fit in the angle of the wings under the said web and its lower end provided with the foot I, the

stop-flange J, and the head K, substantially as and for the purpose set forth.

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Witnesses:

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