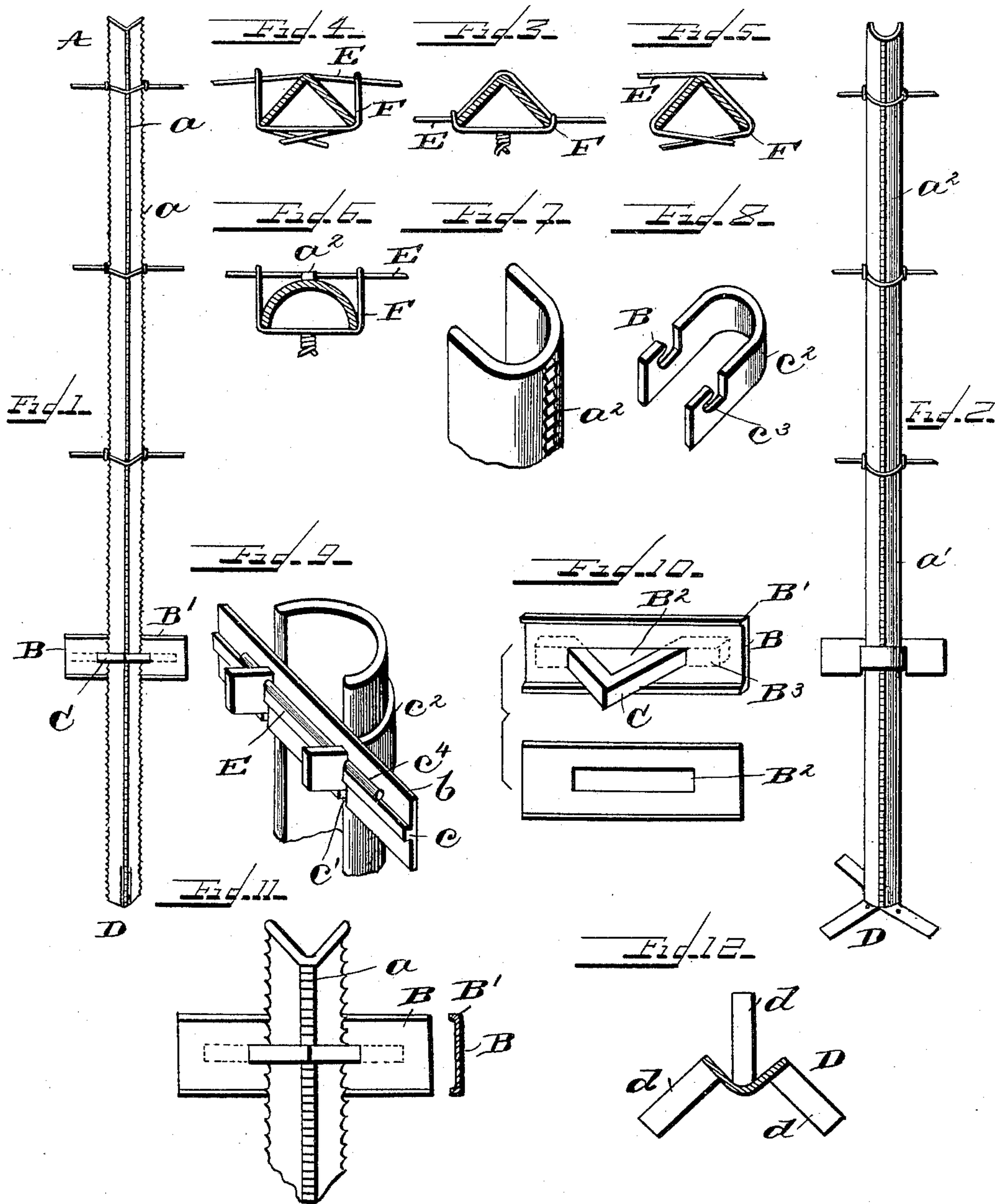


(No Model.)

R. R. SPOORE.
FENCE POST.

No. 599,303.

Patented Feb. 15, 1898.



WITNESSES

G. A. Pauberschmitt
A. L. Bryant

INVENTOR

Ransom R. Spore
By Wm. H. Bates
Attorney.

UNITED STATES PATENT OFFICE.

RANSOM R. SPOORE, OF NEWARK, NEW YORK, ASSIGNOR OF THREE-FOURTHS TO M. ELLA SPOORE, OF SAME PLACE, AND JOSEPH M. RAUB, OF BROOKLYN, NEW YORK.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 599,303, dated February 15, 1898.

Application filed March 26, 1897. Serial No. 629,451. (No model.)

To all whom it may concern:

Be it known that I, RANSOM R. SPOORE, a resident of Newark, in the county of Wayne and State of New York, have invented certain new and useful Improvements in Fence-Posts; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in fence-posts for wire fences; also, an improved upper and lower base to anchor the posts firmly in the ground, which is a very great desideratum. The posts are also adapted for use in places where it is desirable to drive them, thus saving expense of digging holes. In this case the anchor is not formed at the lower end of the post, but the post is left straight.

The object of my invention is to provide a simple, light, strong, and durable fence-post, while at the same time the cost of construction is reduced to a minimum.

With these ends in view the invention consists in the novel construction and combination of parts, as will be hereinafter more in detail described, and particularly pointed out in the claims.

In the accompanying drawings, to which reference is had and which fully illustrate my invention, Figure 1 represents an angular post with tie and line wires and the angular form of locking-base applied thereto. Fig. 2 represents a semicircular form of post having a flat piece of metal applied to the post by a U-shaped collar and wedge and also tension-wires. Figs. 3, 4, and 5 represent the tie and line wires, enlarged, applied to the post. Fig. 6 represents the same applied to a semicircular post. Fig. 7 represents a piece of metal as it is rolled for use, having notches upon its bend or ridge and applicable to the semicircular post. Fig. 8 represents a U-shaped collar having slotted ends. Fig. 9 represents a section of the semicircular post, U-shaped collar, flat metal bar or base, and wedge assembled on a larger scale. Fig. 10 represents an upper slotted flat metal bar or

base and angular fastening or collar on a larger scale. Fig. 11 represents a section of the angular post, flat metal base or bar, and angular collar assembled on a larger scale. Fig. 12 represents the manner of forming a lower anchor or base of the post.

Referring to the drawings, A designates an angular post having a series of notches *a*, formed at suitable distances apart from the same and upon the apex of the angle and rear edges of the post.

B designates an upper rectangular base-plate, provided upon its longitudinal edges with flanges B' and having formed centrally therein a slot B², within and through which are passed the angular ends B³ of an acute angular collar C. This collar is formed by a stiff piece of iron, bent in the middle, forming an acute angle, thus forming a loop to receive the corresponding angular post, whereby the same is securely and firmly locked therein. The base-plate is then adjusted or slipped to the desired position and the ends of the collar are laid upon an anvil, and the angle is struck a heavy blow with a hammer, which causes the two ends to spread upon the anvil and forces the plate up tightly to the post, and the flanged edges located in the notches at the back of the post will keep it from twisting out of position when being driven in the ground, as shown in Fig. 11 of the drawings.

D designates the lower anchor or base, which is formed in three parts *d d d*, bent at right angles to the post, with the central piece bent square across under the post, which makes an effectual and easy anchor to load with stones or to pack earth on or around. When the posts are to be driven, the lower ends are not bent, but are left as shown in Fig. 1 of the drawings.

E designates the fence-wires, which are secured to the posts and take within the notches *a*, hereinbefore referred to, and are held firmly from slipping.

F designates tie-wires which are secured to the wires E and posts A, which regulate the degree of the tension upon the wires E, as clearly shown in Figs. 3, 4, and 5 of the draw-

ings, the desired amount of tension being given to the fence-wires by twisting the ends of the tie-wires, as clearly shown in Figs. 3 and 5 of the drawings.

5 In Figs. 2, 6, 7, 8, and 9 I have shown a modification of my fence-post and upper base or anchor in which a' designates a semicircular or U-shaped post. Upon the outer face and at the bend thereof is formed a series of
10 notches a^2 , said notches forming a support for the wires of the fence to rest in, the wires thereby being prevented from slipping up and down, but at the same time they are allowed to slip lengthwise, thus admitting them
15 to expand and contract without injury to the fence. To this post is secured an upper flat base-plate b , having a central longitudinal rib c formed thereon, and it is also notched or slotted out upon its under edge, as at c' ,
20 to receive the ends of a U-shaped collar c^2 , which embrace the post. This U-shaped collar has formed in its ends and upper edges bayonet-slots c^3 , within which takes the lower edge of the slotted flat base-plate b and also
25 a wedge c^4 , which is inserted under the projecting edge of slots c^3 and over the rib c , secured to the flat base-plate b , and when driven in tightly forces the collar forward and the plate down and back, forming a lock that
30 holds all the parts tightly and securely together in place, as shown in Fig. 9 of the drawings. Great support and anchorage are given to the post in the ground by such construction. By the formation of the different
35 parts of the post assembled together in this manner means are obtained for properly attaching the fence-wires thereto. Slight changes or variations may be made in the

locking or fastening means of the upper bases without departing from the invention thereof. 40

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

1. The combination with an angular post provided with notches upon the apex of the angle and rear edges thereof, of a base-plate having flanges upon its edges and a slot therein, an angular collar having its angular ends passed through said slot and embracing the post, whereby the several parts are firmly
50 locked.

2. A base-plate having flanged edges and a central slot therein, an angular collar having its projecting ends passed through said slot in the plate for locking the base-plate to the post, in combination with the V-shaped post having notches upon the apex of its angle, securing-wires adapted to secure the line-wires of the fence to said post, and the anchor formed upon the lower end of the same. 60

3. In a fence-post, the combination of a metal fence-post bent in cross-section and formed with a plurality of notches on the apex of the bend, a horizontally-arranged plate adapted to be held against the free edges of the post, a metal fastening-strip or keeper embracing the post and engaging the notches and having its ends passed through the plate and secured on the rear side thereof. 65

In testimony whereof I have signed this specification in the presence of two subscribing witnesses. 70

RANSOM R. SPOORE.

Witnesses:

B. M. ALEXANDER,
M. F. MELVILLE.