(No Model.)

A. W. TOURGÉE.

FENCE POST.

No. 369,371. Patented Sept. 6, 1887.

Fig. 1.

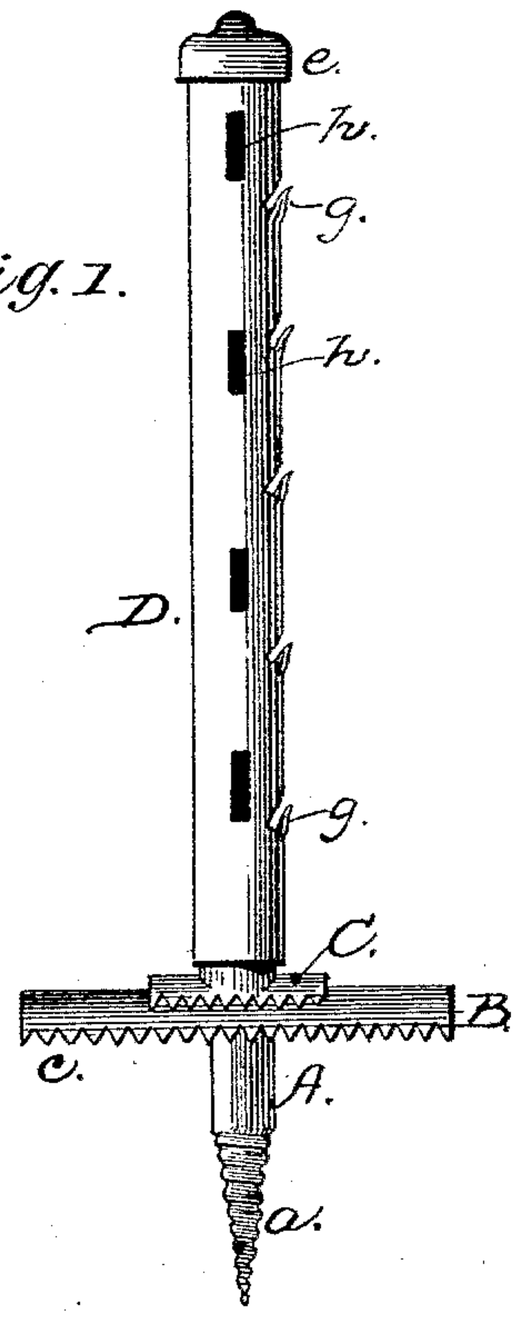


Fig. 2.

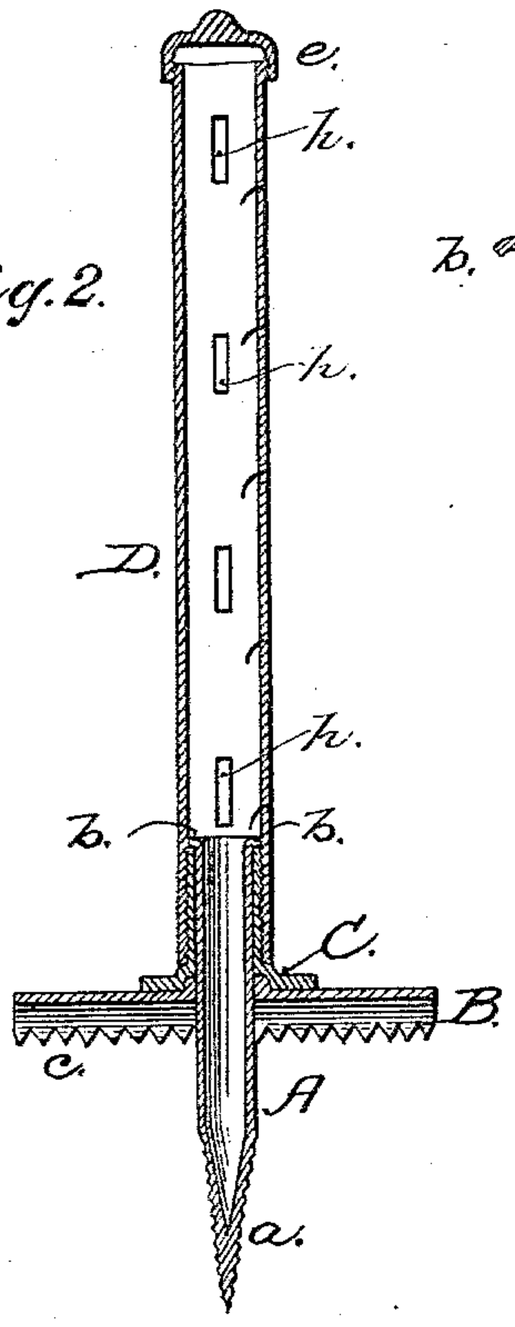


Fig. 3.

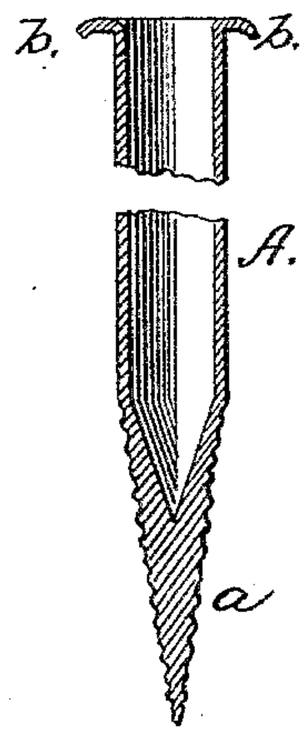


Fig. 4

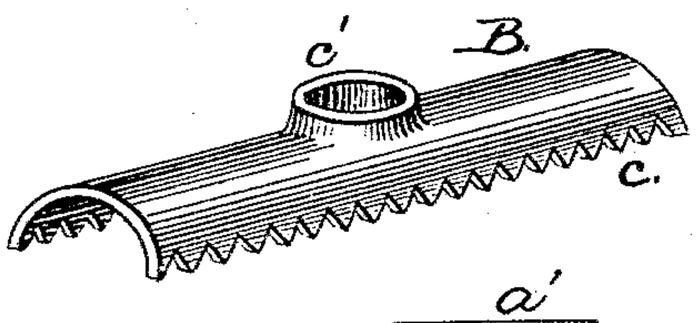


Fig. 5.

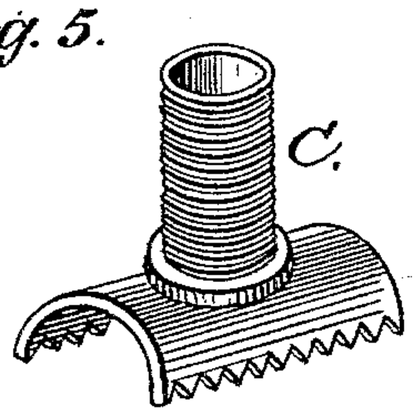


Fig. 6.

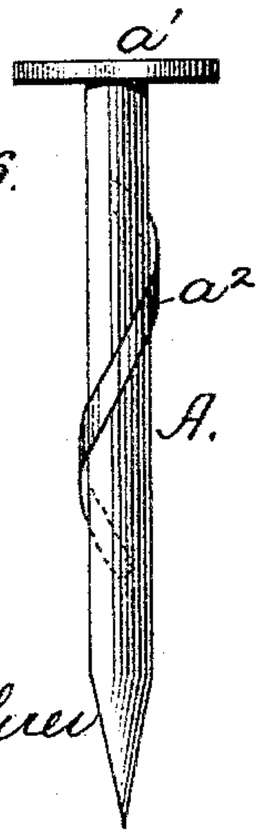
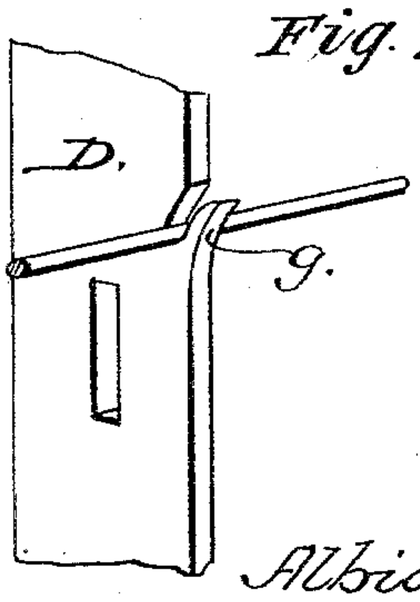


Fig. 7.



WITNESSES:

Harry S. Robeu

P. W. Hale

INVENTOR

Albion W. Tourgee,

BY Parker H. Sweet Jr.

ATTORNEY

UNITED STATES PATENT OFFICE.

ALBION W. TOURGÉE, OF MAYVILLE, NEW YORK.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 369,371, dated September 6, 1887.

Application filed April 15, 1886. Serial No. 198,959. (No model.)

To all whom it may concern:

Be it known that I, ALBION W. TOURGÉE, a citizen of the United States, residing at Mayville, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Fence-Posts; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My present invention relates to improvements in metallic fence-posts, the object being to provide an improved and novel construction possessing the necessary requirements of lightness, durability, and strength, with ease and convenience of setting and removing the same, as also promoting the ready removal of broken parts and the substitution of new ones in the simplest and best possible manner; and my improvements consist, essentially, of the details of construction and general arrangement of parts, all as will be hereinafter fully described, and specifically designated in the claims.

In the accompanying drawings, Figure 1 represents a front elevation of my complete invention; Fig. 2, a vertical longitudinal section thereof; Figs. 3 to 5, detail views; Fig. 6, a modification of the base or stake, and Fig. 7 a detail view of the post formed of flat bar-iron.

Similar letters of reference occurring on the several figures indicate like parts.

In carrying out my invention the complete fence-post is composed of a stake, supporting-brace, post, and ornamental cap, all formed of galvanized or other suitable sheet metal struck up into the desired shape and connected together, as will be hereinafter fully shown and described.

The hollow stake A, composing the base of my improved post, is formed from suitable sheet metal struck up in the desired shape and tapering downward to a sharp point, as shown. The lower outer portion of said stake is provided with a spiral corrugation or screw-threads, *a*, thereby enabling said stake to be screwed into the ground to secure a firm support for the post. The upper edge, *b*, of the hollow stake A is turned or rolled over, as shown. The stake A may, however, be formed of a plain iron rod, with a flat cross-head, a', the point of the rod being sharpened, and a curved thread or flange, a^2, suitably attached to the lower part, as fully shown in Fig. 6, thereby forming an auger-lip of such length and width as may be necessary to insure of said stake being firmly screwed into the ground by means of the cross-head a' at the top. The brace B is made of galvanized sheet-iron or other suitable sheet metal pressed into the desired shape, preferably half-cylindrical, as shown, the lower edges, *c*, of said brace being indented or serrated to facilitate its being pressed into the ground across the line of fence to provide a support to said fence in both directions. Through the central part of the brace B is provided a raised opening, c', of a size corresponding to that of the diameter of the stake, upon which is adapted to rest a screw cap or socket, C, which is composed of a hollow sheet-metal cylinder having a screw-thread pressed into it to engage with the lower end of the post. The lower edge of the screw cap or socket C is notched or recessed on each side, so as to fit over the top and sides of the brace B. The turned-over upper edge, *b*, of the hollow stake A is intended to snugly fit over upon the top of the screw cap or socket C, as fully shown in Fig. 2, for holding it firmly down upon the brace when the stake is driven home.

The post D is composed, preferably, of a hollow sheet-iron cylinder having a screw-thread stamped in each end, the lower end engaging with the thread upon the screw cap or socket C to hold the post in a vertical position, while the upper end is adapted to receive the screw-cap or ornamental top *e*, as fully shown in the drawings, said screw cap or top *e* being composed of sheet metal struck up into the desired shape and threaded to fit the upper end of the post. The fence-post thus constructed is adapted to be used with wire, strap-iron, or boards. When desired for use with wire or band-iron, small lugs, *g*, are punched in the post at suitable distances apart and thrust outwardly to receive the wire or band-iron between them and the post. When the wire or band-iron is stretched in position, the lugs *g* are bent over the same to hold it securely in place. When used with boards, the post is

provided with suitable mortises, *h*, for the reception of the same.

By means of my improved construction I am enabled to provide a fence-post which possesses the merits of economy, lightness, and strength, with durability and ease of repair, and adaptability of being readily set up and taken down, as also capable of being employed with equal effect in the construction of wire, band-iron, or board fences.

Having thus described my invention, what I claim as new and useful is—

1. The herein-described fence-post, consisting of the tapering and screw-threaded stake A, the half-cylindrical and serrated-edged brace B, having central raised opening, *c'*, the screw cap or socket C, recessed so as to fit over the sides of said brace, and the cylindrical post D, provided with screw-threads for engagement with screw cap or socket C, and cap or top *e*, the parts being combined substantially as and for the purpose specified.

2. In a fence-post, the combination of a tapering screw-threaded stake, a brace having a central opening for the reception of said stake, a screw cap or socket adapted to engage with said stake and brace, and a post adapted for engagement with said stake, brace, and screw-cap, the several parts being formed of sheet metal struck up into shape, substantially in the manner and for the purpose specified.

3. In a fence-post, the tapering and screw-threaded stake A, having an overturned edge, *b*, at the top, in combination with the brace B, screw cap or socket C, and the post D, substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

ALBION W. TOURGÉE.

Witnesses:
S. E. KILBOURNE,
W. H. CHASE.