(No Model.)

W. W. McCALLIP.

FENCE POST

No. 342,027. Patented May 18, 1886.

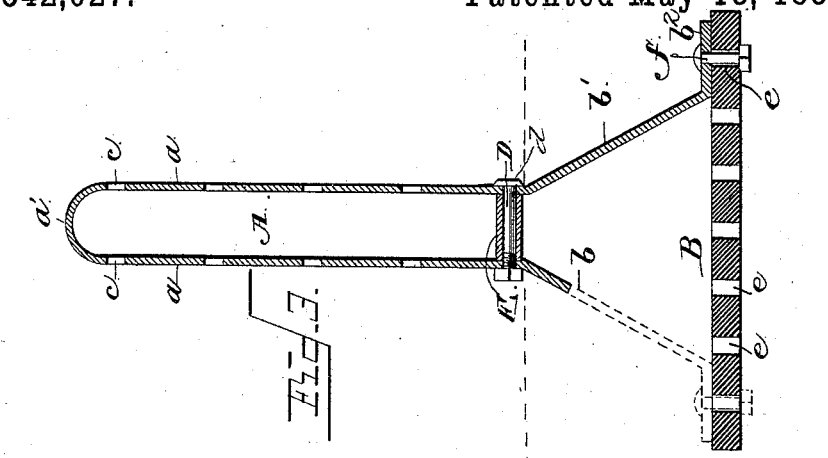

Fig. 3.

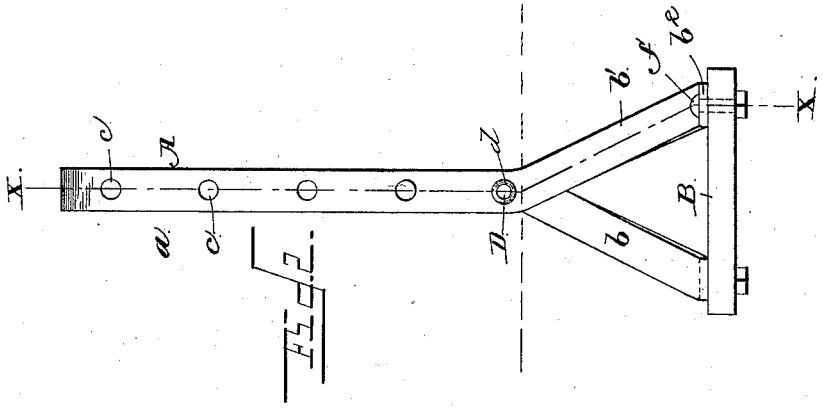

Fig. 2.

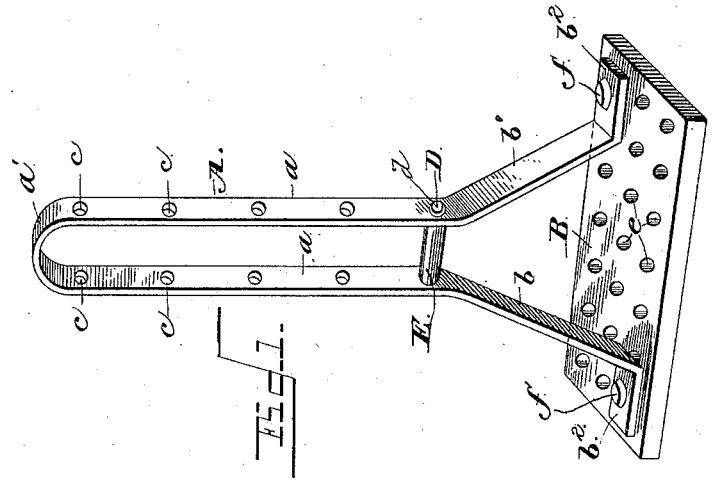

Fig. 1.

Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM WATERMAN McCALLIP, OF COLUMBUS, OHIO.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 342,027, dated May 18, 1886.

Application filed January 18, 1886. Serial No. 188,951. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WATERMAN McCALLIP, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a new and useful Improvement in Fence-Posts, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in fence-posts; and it consists of the peculiar construction and combination of parts, substantially as hereinafter fully set forth, and specifically pointed out in the claims.

The objects of my invention are to provide a base for detachably securing the post proper in place, while at the same time the base permits the water to be discharged therefrom, and is strong and non-destructible in the earth, and to provide an improved post that is laterally strengthened and braced without the use of separate brace-rods, and which is very simple and strong, can be constructed very cheaply and rapidly, and presents a neat and attractive appearance.

In the accompanying drawings, Figure 1 is a perspective view of my improved fence-post and base. Fig. 2 is a side elevation of the same, and Fig. 3 is a central vertical longitudinal sectional view through the post and base on line *x x* of Fig. 2.

Referring to the drawings, in which like letters of reference denote corresponding parts in all the figures, A designates the post proper, which is made of metal, and B the base, to which the post is detachably secured, the base being made of non-destructible earthen substance, preferably clay, which is burned to render it very hard and durable.

The post A is preferably made of metal, and comprises two parallel spaced uprights, *a*, a bow or segment, *a'*, connecting the upper end, of the uprights, which latter are inclined or bent in opposite directions and laterally from each other at their lower ends, as at *b b'*, and provided with angular perforated feet b^2.

The post thus constructed presents a neat and attractive appearance, and it can be ornamented to any desired degree to suit the taste. The inclined or bent ends of the uprights that are disposed in opposite directions, and arranged laterally out of a vertical line, serve to brace the device against lateral strain, and thus dispense with the use of independent separate brace arms or rods. The connected uprights *a* are provided with a series of transverse openings, *e*, that are disposed in the same planes to permit fence-wires to be secured or fitted therein or supported thereby; or, in lieu of securing wires in the openings of the posts, longitudinal metallic rods or bars may be secured thereto, said rods extending from one post to the other, and having the vertically-disposed rails or panels secured thereon, as will be very readily understood.

D designates a transverse bolt that connects the lower ends of the vertically-disposed sections of the uprights *a* together at the point where the inclined brace portions *b b'* diverge in opposite directions, one end of the bolt having a head, *d*, that bears against one of the uprights *a*, and the other end is threaded and has a nut that bears against the other upright *a*. A tubular sleeve, E, is fitted on and supported by the transverse bolt D, and the ends of this sleeve bear against the inner faces of the uprights to equalize the strain exerted on them by the tension-bolt, the uprights being thus rigidly and firmly braced and secured together.

The base B is preferably made rectangular in form, and is provided with a series of apertures, *e*.

The base is preferably made of fire-clay, and is burned so that it is rendered very hard and durable, and when it is planted in the ground it is indestructible.

The apertures *e* permit the fire to more evenly and uniformly burn the base than would be the case were the openings omitted, and they also permit any water that soaks into the ground and falls on the base to pass through the same.

The angular feet b^2 of the post are provided with openings that coincide with two or more of the openings of the base, and through these registering openings are passed bolts *f*, that are provided with nuts to detachably and rigidly secure the base and post together.

The base is firmly planted or affixed in the ground below the surface thereof, and prevents the post from movement, and the angular lower ends of the post serve to brace the same.

My improved post is simple, strong, and durable in its construction, can be readily and

quickly adjusted or taken apart, can be manufactured and sold very cheaply and at less cost than a post that is constructed entirely of metal and in one piece, and the base allows the water to pass freely and be drained off.

In lieu of providing the bolt with a tubular sleeve, the threaded end thereof may be reduced to provide a shoulder and an elevated plane portion, the shoulder being adapted to bear against one of the uprights *a*.

I am aware of the Patents Nos. 75,144 and 300,586, for improvements in fence-posts, and No. 228,052, for building-blocks, and I do not claim any of the devices therein shown.

In my improved fence-post I provide an earthenware base or anchor which is substantially rectangular in form and provided with a series of vertical apertures for the free passage of water therethrough, and my improved fence-post proper is secured at opposite corners of the earthenware base by through-bolts that pass through lugs or flanges of the post and two of the apertures of the base.

My improved post is provided at its lower ends with laterally-inclined bent ends that diverge laterally from each other, and the lower ends of the bent portions are bent out of the vertical line of the post proper, whereby the post is braced and strengthened against horizontal or lateral movement on the base in either direction.

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

1. A base for fence-posts, made of hardened earthenware material and substantially rectangular in form and provided with a series of vertically-arranged apertures, in combination with a fence-post having the lower ends thereof arranged out of the vertical line or axis, and the flanges b^2, disposed at opposite corners of the base, and the bolts passing through the flanges and the openings of the base, to detachably secure the post and base together, substantially as described.

2. As an improvement in fence-posts, the combination of a perforated base, a post, E, comprising the parallel connected uprights and the lower portions, b', bent and inclined in opposite directions from each other, and then inclined laterally out of the vertical line of the uprights and disposed at opposite corners of the base, the bolts *f*, passing through the lower ends of the post and the base, to detachably secure the same together, a through-bolt, D, supported in the lower ends of the uprights, and a sleeve, E, loosely around the bolt and bearing against the opposing faces of the uprights, substantially as described, for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM WATERMAN McCALLIP.

Witnesses:
THOMAS J. DUNCAN,
JOHN W. WILSON.