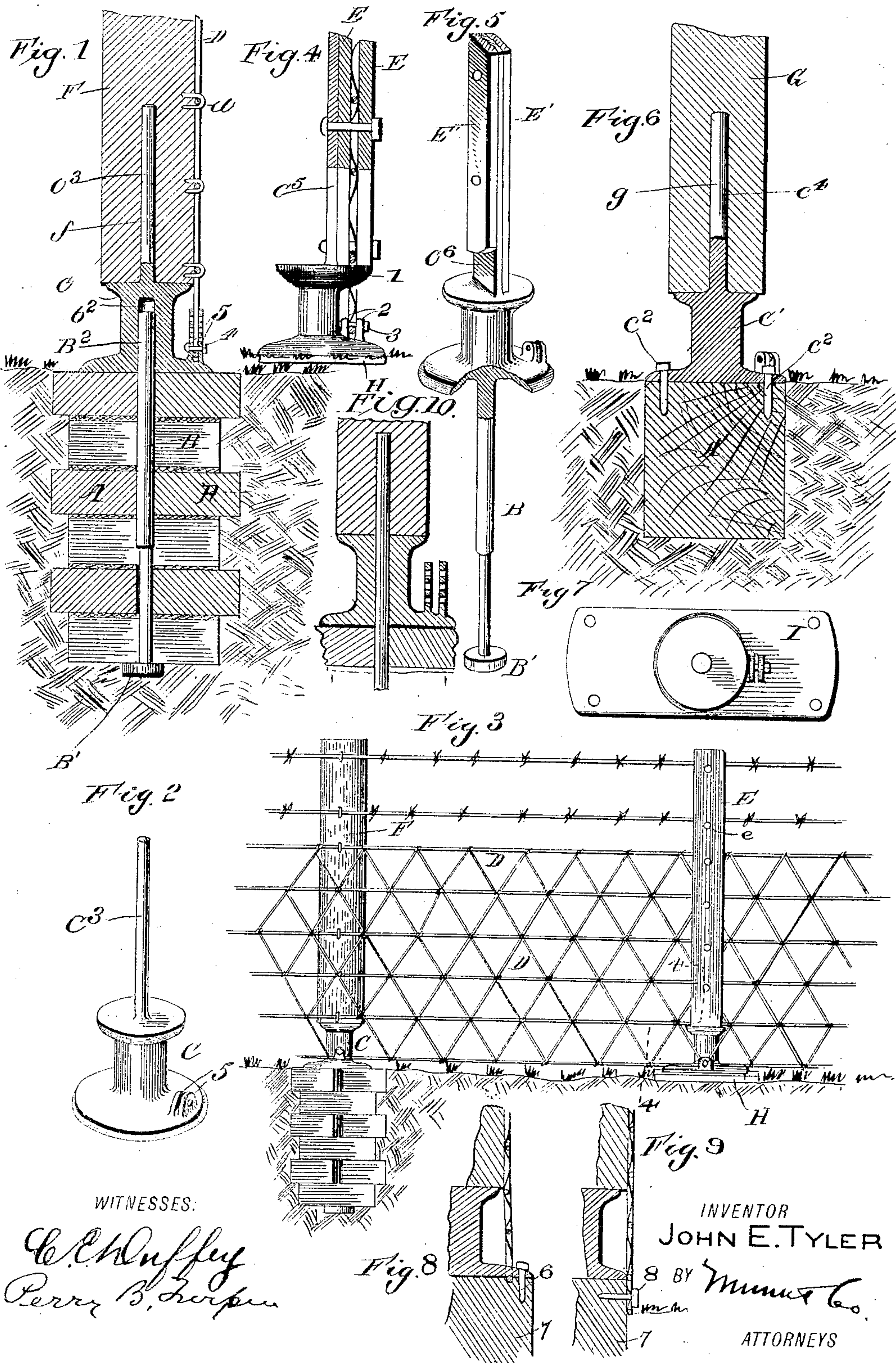


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J. E. TYLER.
FENCE.

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JOHN E. TYLER, OF ROXOBEL, NORTH CAROLINA.

FENCE.

No. 803,373.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN E. TYLER, a citizen of the United States, and a resident of Roxobel, in the county of Bertie and State of North Carolina, have made certain new and useful Improvements in Fences, of which the following is a specification.

My invention is an improvement in fences, and particularly in fence-posts; and the invention consists in certain novel constructions and combinations of parts, as will be hereinafter described and claimed.

In the drawings, Figure 1 is a vertical longitudinal sectional view, partly broken away, of a post in connection with the foot-piece, the base, and the connecting devices. Fig. 2 is a detail perspective view of the foot-piece. Fig. 3 is a side elevation of a portion of a fence embodying my invention. Fig. 4 is a detail section on about line 4-4 of Fig. 3. Fig. 5 is a detail perspective view showing the foot-piece having an upwardly-projecting strip for supporting slats forming a fence-post. Fig. 6 is a sectional view illustrating a different form of base from that shown in Fig. 1. Fig. 7 shows a modified form of foot-piece, and Figs. 8 and 9 are detail views illustrating different manners of securing the lower edge of the fence material. Fig. 10 shows a somewhat different construction from that presented in Fig. 1.

As shown in Fig. 1, the base is built up of brickwork A of suitable size and surrounding a central upright rod B, headed at its lower end at B' to underlap the brickwork A and projecting at B² above the brickwork and entering a socket-opening at the bottom of the foot-piece C. While in Figs. 1 and 3 I show the base A as of brickwork, it should be understood that I do not wish to be limited in the broad features of my invention to such construction, as the base or anchor may be of other material and may, as shown in Fig. 6, be of wood, as the anchor-base A' (shown in Fig. 6) is to be constructed of wood, and the foot-piece C' shown in said section may be secured to the anchor-base A' by nails C² or in any other suitable manner. I provide the foot-piece C with an upwardly-projecting rod or bar for securing the post. This bar may be a centrally-disposed rounded bar, as shown at C³ in Figs. 1 and 2 and C⁴ in Fig. 6, or it may be a flat bar, as shown at C⁵ in Fig. 4 or at C⁶ in Fig. 5, the latter construction, or that shown in Figs. 4 and 5, being intended to receive

flat slats, to or between which the fence material D may be secured. In Fig. 4 the slats E are both arranged on the same side of their securing-bar C⁵ and the fence material is shown as clamped between these slats E, while in Fig. 5 the slats E' lap on opposite sides of the bar C⁶. In the construction shown in Fig. 4 the fence material may project below the slats and below the top or crown plate 1 of the foot-piece, the latter projecting through the meshes of the fence material, as will be understood from Fig. 3, and such fence material may be secured at its lower end between lugs 2, mounted on the bottom plate of the foot-piece and connected by a cross-bolt 3, overlapping the bottom wire of the fence material, or such fence material may be secured by the means shown in Fig. 8 or Fig. 9.

In the construction shown in Fig. 1 the post may be of wood, or, if desired, it may be of metal or other suitable material, and for purpose of illustration it may be regarded that the post F (shown in Fig. 1) is of wood, while the post G (shown in Fig. 6) may be of metal. As shown in Fig. 1, the fence material D is secured to the wooden post F by means of staples d, although manifestly other suitable forms of fastening devices may be employed. At its lower end the fence material is secured to the bottom plate of the foot-piece by means of a bolt 4, extending above the bottom wire of the fence material, the latter fitting between upwardly-projecting spaced-apart lugs 5 on the bottom plate of the foot-piece, as shown in Fig. 1. By this construction I secure the lower edge of the wire material. This, however, may be secured in other ways—such, for instance, as that shown in Fig. 8, in which the bottom plate of the foot-piece overlies the bottom wire of the fence material and the latter is secured by a nail or other suitable device 6, or by the construction shown in Fig. 9, in which the fence material is carried down alongside the wooden base 7 and is secured by a nail 8 or by other suitable device. In the construction shown in Fig. 1 and at the left in Fig. 3 the foot-piece C is socketed in its bottom at b² to receive the upwardly-projecting pin B² in order to secure such foot-piece on said pin, and the lower end f of the post F and g of the post G is socketed to receive the upwardly-projecting bar C³ or C⁴, mounted on the foot-piece.

As before suggested, the construction of

the base may be varied, and it may serve in some instances, especially in connection with the intermediate or bracing posts E, such as shown at the right in Fig. 3, to rest the foot-piece on a base consisting of a board H, resting upon the ground, and in some instances the base may be omitted and the foot-piece have its bottom plate rested flat upon the ground, as will be readily understood from the drawings. While the bottom plate of the foot-piece is shown in most of the figures as circular, it is manifest its form may be varied and it may be made in any suitable shape—such, for instance, as the oblong shape shown at I in Fig. 7.

By my invention it will be noticed I provide, in connection with a post, means whereby the lower end of the post is supported clear of the ground, and I thus avoid the rotting of the lower end of the post and increase the life of the post. At the same time I form the base in the construction shown in Fig. 1 so it can be manufactured at any suitable point on the farm and then planted in the ground wherever desired and will form a firm solid base for supporting the fence-posts through the medium of the intermediate foot-piece detachably connected with the base and which is secured in connection with the fence-post proper by means of the fencing material, as before described. Where desired, the posts and their foot-pieces may be lifted from the base and shifted from point to point, as may be desired. The provision of the upwardly-projecting spaced-apart lugs 5 on the bottom plate of the foot-piece enables me by the aid of the bolt 4 to securely hold the lower edge of the fencing material close to the ground.

In Fig. 3 it will be noticed I show one of the main posts F and one of the intermediate or stay posts E, the latter being built up of slats secured to the upwardly-projecting flat bar on the foot-piece, and, as before suggested, this bar may be located centrally of the foot-piece, as shown in Fig. 5, or to one side of the center, as shown in Fig. 4.

In Fig. 3 it will be noticed the bolts or nails e, connecting the slats E, are arranged beneath and support the longitudinal wires of the fence material.

In Fig. 10 I show the bar projecting upwardly from the base through the foot-piece and extending above the latter to form the bar to receive the lower end of the post proper. This construction may be employed when desired and possesses advantages in that thereby the post is anchored directly in connection with the base.

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

1. The combination substantially as herein described, of the brickwork base, the rod built therein, and having a head to prevent

its upper displacement, said rod projecting upwardly above the base, the foot-piece socketed in its lower end to fit the upwardly-projecting end of the rod provided on said base with the upwardly-projecting lugs spaced apart to receive between them the lower edge of the fencing material, the lower edge of the fencing material fitted between said lugs, the bolt securing such edge of the material between the lugs, the bar projecting upwardly from the foot-piece, the post socketed in its lower end and fitted on said bar, and devices securing the fence material to the post, substantially as set forth.

2. The combination with the foot-piece having a base-plate, and a bar projecting upwardly from the foot-piece, of the fence-post having its lower end socketed and fitted on the said bar, the fencing material, means securing the lower edge of the fencing material to the bottom plate of the foot-piece, and devices securing the fencing material to the post, substantially as set forth.

3. The combination of the foot-piece, a bar projecting upwardly from the foot-piece, a post secured to said bar, the fence material, devices securing the fence material to the foot-piece, and devices securing such material to the post, substantially as set forth.

4. The foot-piece for fence-posts having an upwardly-projecting bar to secure the post and a bottom plate provided with upwardly-projecting lugs spaced apart and adapted to receive between them the lower edge of fence material, substantially as set forth.

5. The combination of the base, a rod secured to the base and projecting upwardly above the same, a foot-piece socketed in its lower side to fit over the upwardly-projecting pin of the base and provided with the upwardly-projecting bar, the post secured to the said bar, the fence material, means securing the fence material to the post and means securing the fence material below the post, substantially as set forth.

6. The combination of a base, a foot-piece resting on the base and having a bottom plate provided with upwardly-projecting lugs spaced apart and provided with a top plate and with a post-securing bar projecting upwardly therefrom, the post secured to said bar, and the fence material secured to said post and extending down and held at its lower edge between the spaced-apart lugs of the bottom plate of the foot-piece, substantially as set forth.

7. The combination of a base, a foot-piece resting on the base, said foot-piece having a bottom plate and a post-securing bar projecting upwardly from said bottom plate, means securing said foot-piece to said base, a post secured to said bar, the fence material, means securing the fence material to the post, and means securing the fence material below the post, substantially as set forth.

8. The combination of a base, a foot-piece
mounted on the base, the latter being pro-
vided with an upwardly-projecting bar enter-
ing the foot-piece, and a bar being provided
5 projecting above the foot-piece the post se-
cured to said bar above the foot-piece, the
fence material secured to the post and means

securing the fence material below the post,
substantially as described.

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