

(No Model.)

J. W. BARNES.
FENCE POST.

No. 495,291.

Patented Apr. 11, 1893.

FIG 1

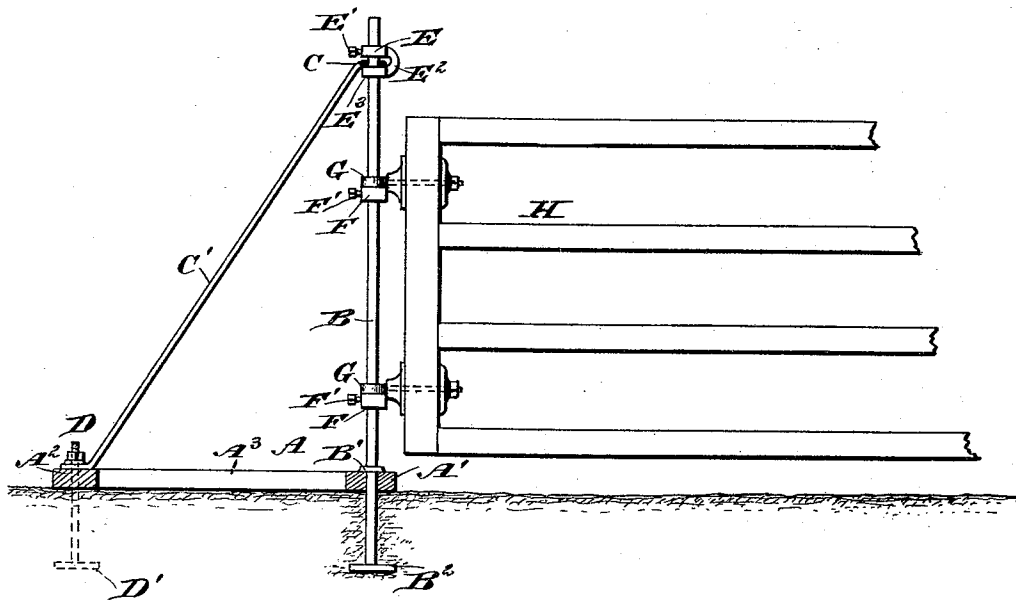


FIG 2

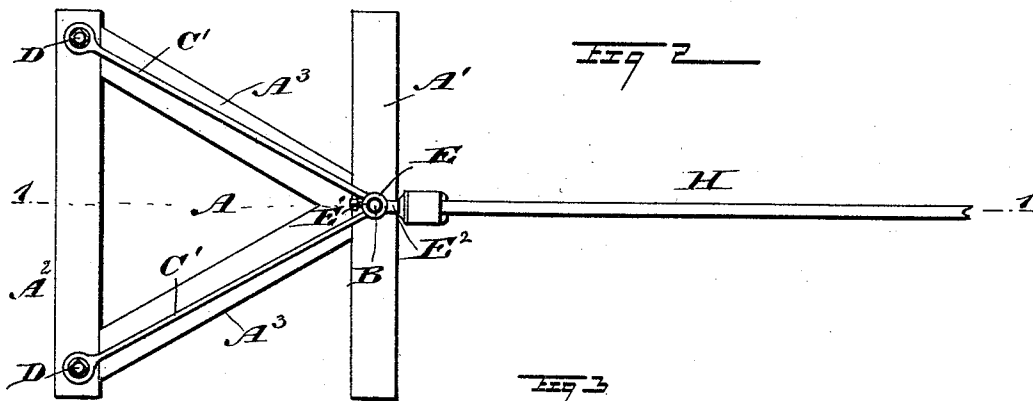
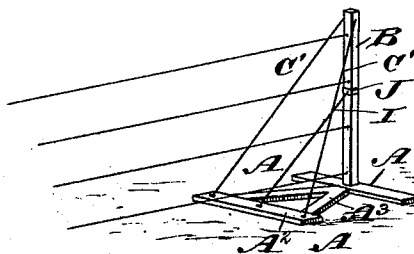


FIG 3



WITNESSES:

H. Walker
C. Sedgwick

INVENTOR

J. W. Barnes
BY *Munn & Co*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH W. BARNES, OF MAUZY, INDIANA.

GATE-POST.

SPECIFICATION forming part of Letters Patent No. 495,291, dated April 11, 1893.

Application filed September 1, 1892. Serial No. 444,753. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH W. BARNES, of Mauzy, in the county of Rush and State of Indiana, have invented a new and Improved Gate-Post, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved gate post, which is simple and durable in construction, readily set up, and arranged to hold the gate in a proper position, permitting a full opening of the gate and adjusting the gate to any desired height from the ground.

The invention consists of certain parts and details, and combinations of the same, as will be hereinafter described and then pointed out in the claims.

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 sectional side elevation of the improvement on the line 11 of Fig. 2. Fig. 2 is a plan view of the same; and Fig. 3 is a perspective view of a modified form of the improvement.

The improved gate post is provided with a base or sill A, comprising two transversely-extending beams A' and A², set parallel to each other and connected with each other by means of braces A³, extending from the outer ends of the beam A² to the middle of the other beam A', as plainly illustrated in Fig. 2. On this base or sill A on the beam A' is held a post B, provided with a fixed collar B', resting on top of the beam A', the said post extending through the latter a suitable distance into the ground, the lower end of the post being provided with a foot B², on which the ground is packed so as to securely hold the base and post in place.

The upper end of the post B is engaged by an eye C, from which extend downwardly and rearwardly, the diverging braces C', attached by bolts D, to the outer ends of the beam A² of the base A. Each of the bolts D passes through the beam A² and extends a considerable distance down into the ground, the head D' of the bolt forming a foot similar to the foot B² and being packed by the ground, so as to insure stability of the sill and post.

To set up the post I proceed as follows:—I first make, at the required distances apart, three holes in the ground (by means of an auger or other suitable implement), to receive the part B² of the post proper and the heads D' of bolts D. I then set the post B and bolts D D' in the respective holes intended for them, and tamp the earth firmly upon and around them. Then the base frame A A' A² A³ is raised and passed down on the said post and bolts. In other words, the post and bolts are passed up through the holes in the frame. Lastly, the collar B' is slipped down on the post and secured in place.

In order to hold the eye C in place I provide a collar E, fitted on the upper end of the post B and adapted to be secured in place thereon by a set screw E'. The collar E is connected by an arm E², with a second collar E³, engaging the said post B below the eye C so that the latter rests between the collars E and E³. On the post B between the collars E³ and B', are held adjustably the collars F, by means of set screws F', the said collars forming seats for the eyes G, secured to the end of the gate H.

It will be seen that by adjusting the collars F on the post B the gate can be raised or lowered so as to extend with its bottom rail at any desired distance from the ground. The eyes G of the gate H turn on the post B as a fulcrum, and the gate can be readily swung open so as to form an unobstructed entrance for teams and the like. As shown in Fig. 3, an additional brace I is provided, connecting the beam A² with the post B at or near the middle thereof.

It will be seen that by this construction the gate post is firmly supported on the ground and is adapted to carry a heavy gate without danger of the latter sagging. It will further be seen that the fence wires can be readily attached to the post B above the sill A without interfering with the braces C'.

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

1. A gate post comprising a sill formed of two parallel beams, and braces connecting the outer ends of one beam with the middle of the other beam, a post set on the inner beam,

and braces connecting the said post with the ends of the outer beam, substantially as shown and described.

2. A gate post comprising a base or sill, a post set on the said base and passing through the same, the lower end of the post being provided with a foot packed by the ground, braces connecting the upper end of the said post with the said sill, and bolts for connecting the said braces with the said sill, each bolt being provided with a head extending a suitable distance in the ground and packed therein, substantially as shown and described.

3. A gate post comprising a base or sill having two parallel beams and connecting braces, a post passing through one of the said beams and formed at its lower end with a foot adapted to be packed by the ground, braces connecting the upper end of the post with the outer beam, connected collars held on the said post and engaging the upper end of the said braces, and collars held vertically adjustable on the said post and forming seats for the

eyes of the gate, substantially as shown and described.

4. A gate post comprising a base or sill having two parallel beams and connecting braces, a post passing through one of the said beams and formed at its lower end with a foot adapted to be packed by the ground, braces connecting the upper end of the post with the outer beams, connected collars held on the said post and engaging the upper end of the said braces, collars held vertically adjustable on the said post and forming seats for the eyes of the gate, and bolts for connecting the said braces to the outer beam, each bolt passing through the same, the lower end of each bolt being formed with a head adapted to be packed by the ground, substantially as shown and described.

JOSEPH W. BARNES.

Witnesses:

OMER STEVENS,

EDWARD WOODARD.