No. 751,622. PATENTED FEB. 9, 1904.

J. B. ENGSTROM.

FENCE POST.

APPLICATION FILED SEPT. 8, 1903.

NO MODEL.

Fig. 1.

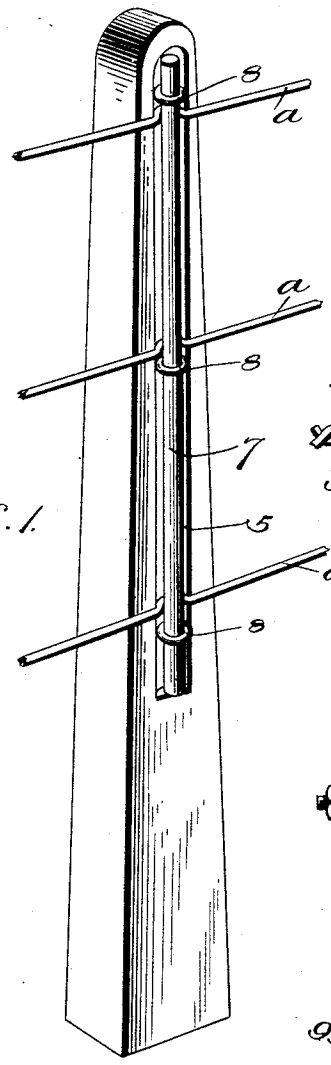


Fig. 2.

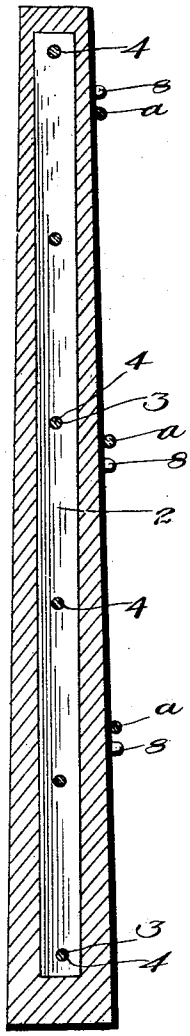


Fig. 5.

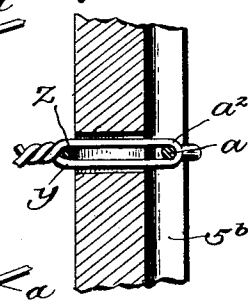


Fig. 4.

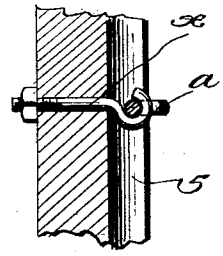
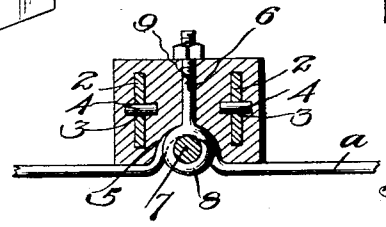


Fig. 3.



Witnesses

E. E. Hunt.

L. D. Hilton

Inventor

J. B. Engstrom

By H. B. Wilson

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 751,622. Patented February 9, 1904.

UNITED STATES PATENT OFFICE.

JACOB B. ENGSTROM, OF MANCHESTER, IOWA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 751,622, dated February 9, 1904.

Application filed September 8, 1903. Serial No. 172,337. (No model.)

To all whom it may concern:

Be it known that I, JACOB B. ENGSTROM, a citizen of the United States, residing at Manchester, in the county of Delaware and State of Iowa, 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.

My invention is an improved fence-post; and it consists in the construction, combination, and arrangement of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a fence-post embodying my improvements. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a transverse sectional view of the same. Figs. 4 and 5 are detail sectional views showing modifications.

In the embodiment of my invention I form a post out of cement or other suitable material combined with sand or the like, the post being suitably molded. Embedded in the post, near opposite sides thereof and extending longitudinally therethrough, are a pair of brace-irons 2, each of which is provided with a series of perforations 3. Studs 4 are disposed in the said perforations and are also embedded in the material of which the post is composed and serve to key the brace-irons in place. It will be understood that the brace-irons greatly strengthen the post and that the same is exceedingly durable.

The post is provided on one side with a longitudinal groove 5. The same is semicylindrical in cross-section, and the post is provided also with a series of transverse openings 6, which extend therethrough and communicate with the said groove. In the latter is placed a clamping-rod 7, and the same is engaged by the eyes 8 of eyebolts 9, the shanks of which extend through the openings 6. The runner-wires a of the fence are placed under the clamping-rod, between the latter and the groove, and it will be understood that by tightening the nuts on the eyebolts the same are drawn lengthwise to cause the clamping-rod to bend the runner-wires into the groove in the post, thereby stretching the runner-wires and also securely clamping them to the post.

In some instances I propose to dispense with the use of the clamping-rod and to attach the runner-wires directly to the hooks or hook-bolts x, as shown in Fig. 4.

In Fig. 5 of the drawings I show another modification, in which I dispense with the hooks or hook-bolts (shown in Fig. 4) and employ doubled wires y, the bights of which engage the runner-wires a^2, which doubled wires are passed through the openings in the post and are twisted in rear of cross wires or pins z, that bear on the rear face of the post, the twisting of the doubled wires causing them to draw the runner-wires into the groove 5^b of the post, as will be understood.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. A post made of plastic material, having a longitudinal groove in one side and transverse openings communicating with said groove, and further provided with longitudinally-disposed brace-irons embedded in the post and disposed on opposite sides of said groove and openings, in combination with runner-wires extending across the post and groove, and securing devices engaging the runner-wires and extending through the openings in the post and drawing the runner-wires into the groove.

2. A post made of plastic material having a longitudinal groove in one side and transverse openings communicating with said groove, and further provided with longitudinally-disposed brace-irons embedded in the post and disposed on opposite sides of said groove and openings, in combination with a

clamping-rod in said groove, runner-wires extending across the post and groove and lying between the latter and the clamping-rod, and securing devices engaging the clamping-rod extending through the openings in the post and drawing the clamping-rod into the groove.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JACOB B. ENGSTROM.

Witnesses:
H. F. ARNOLD,
CALVIN YORAN.