

S. A. Darrach,

Fence Post.

No. 100,035.

Patented Aug. 2. 1870.

Fig. 1.

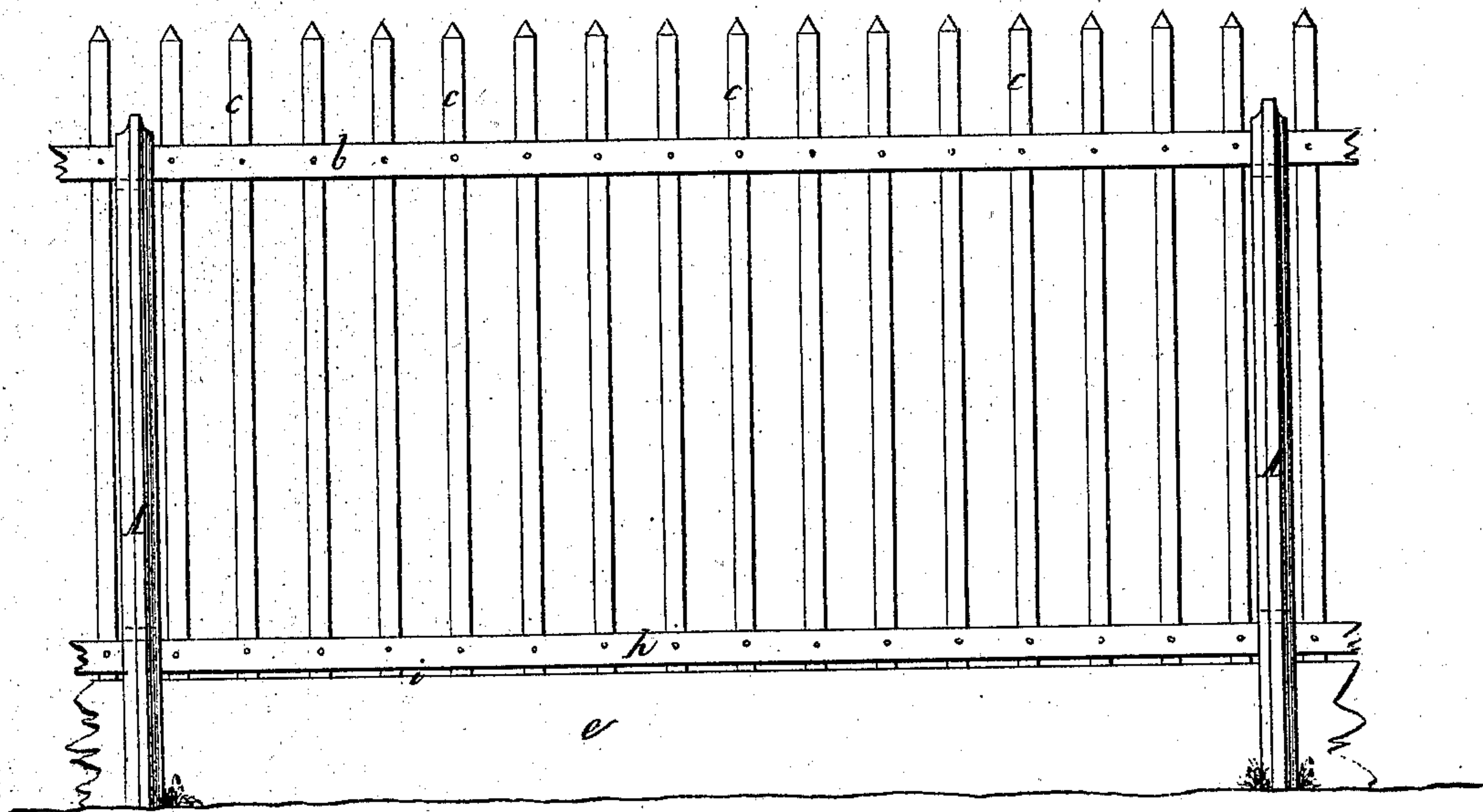


Fig. 2.

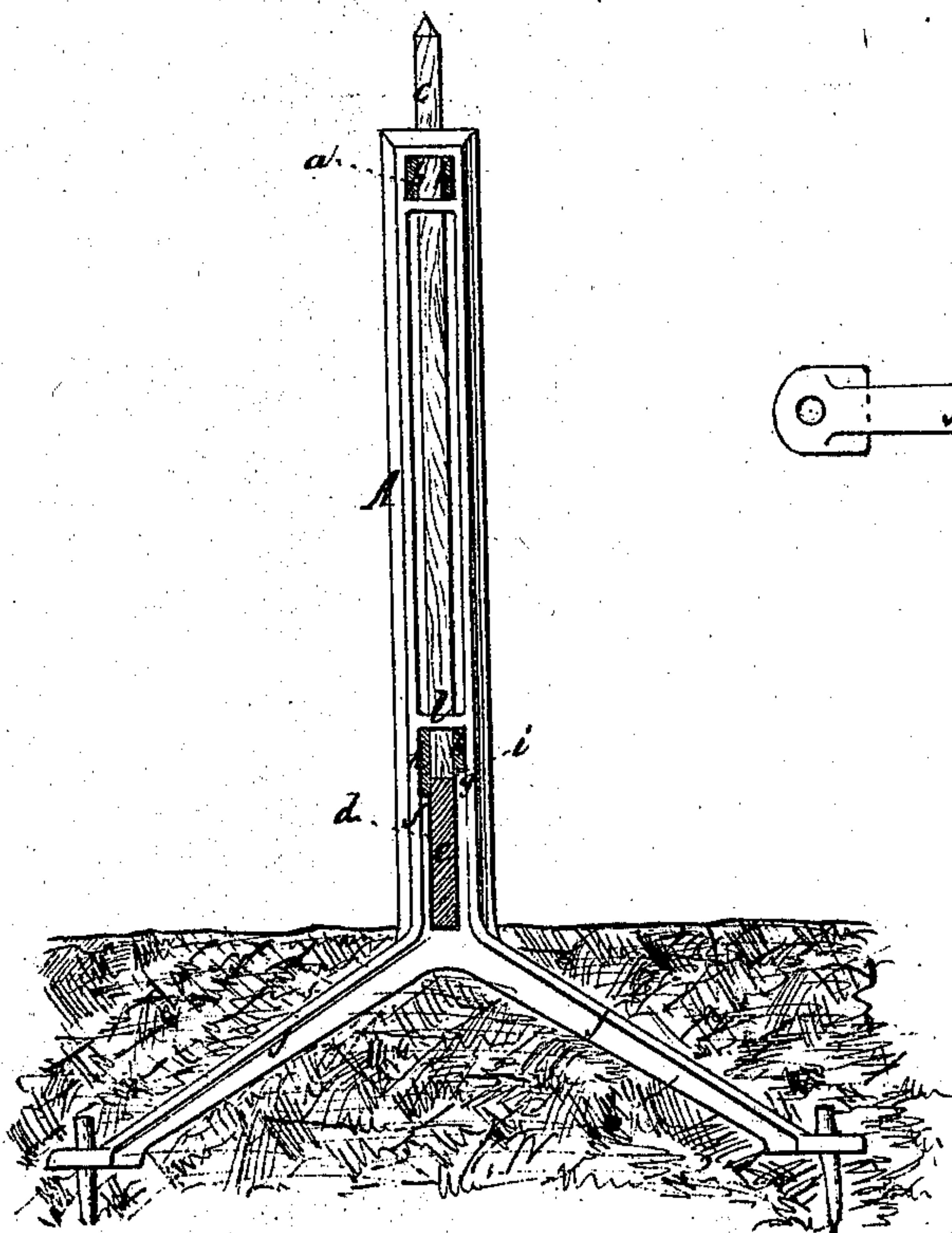
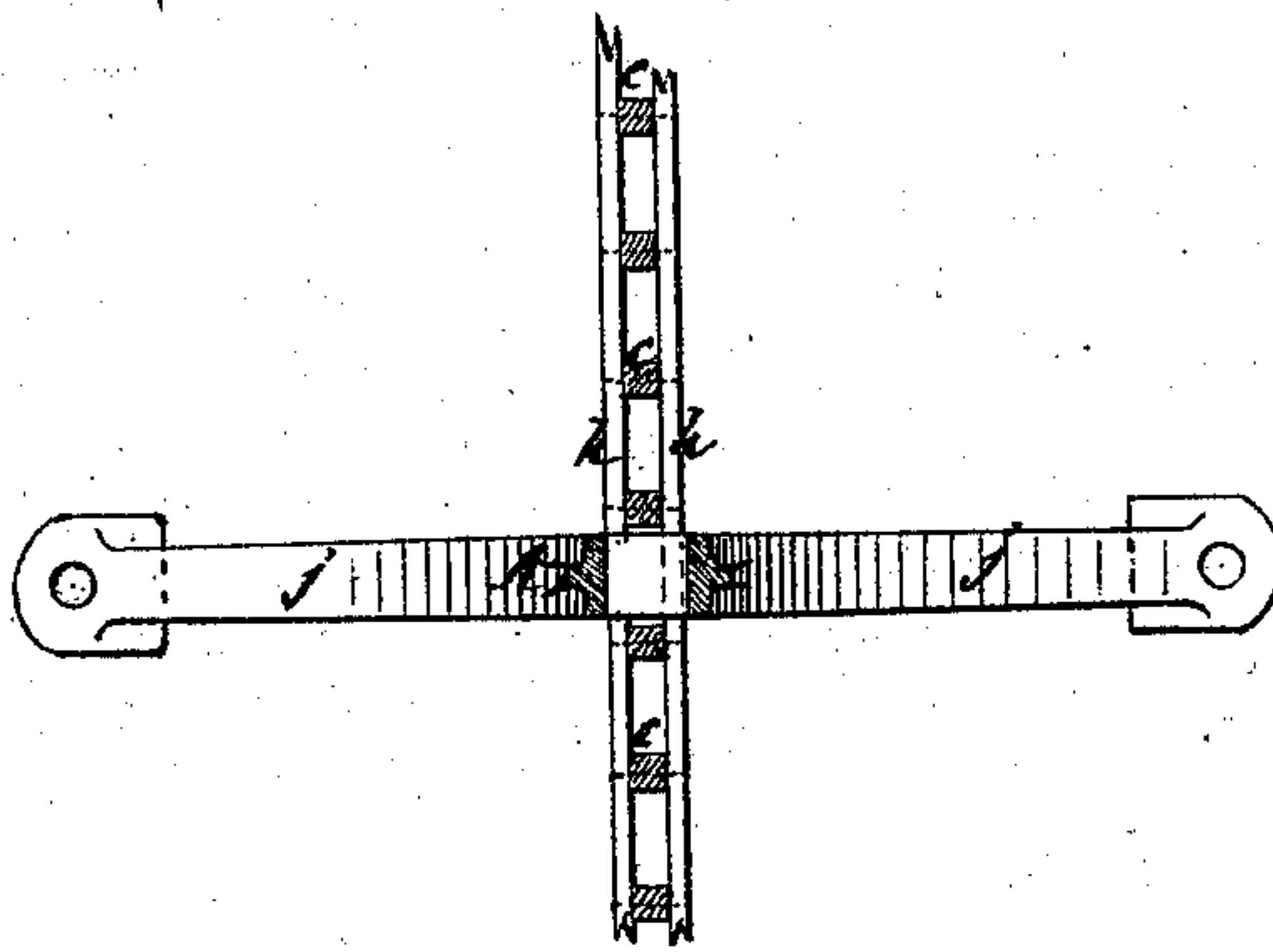


Fig. 3.



Inventor:
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Per S. A. Darrach & Son

Witnesses:
E. W. H. H. H.
Geo. S. S. S.

UNITED STATES PATENT OFFICE.

SAMUEL A. DARRACH, OF NEWBURG, NEW YORK.

IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. 106,035, dated August 2, 1870.

To all whom it may concern:

Be it known that I, SAMUEL A. DARRACH, of Newburg, in the county of Orange and State of New York, have invented a new and useful Improvement in Fences; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a front view of this invention. Fig. 2 is a transverse vertical section thereof. Fig. 3 is a horizontal section of the same.

Similar letters indicate corresponding parts.

This invention relates particularly to the construction of a fence-post which is provided with a top chamber capable of receiving two rails at such distance apart that the pickets can be inserted between them, whereby I am enabled to produce a firm and durable fence with a comparatively small amount of timber.

The bottom part of my post is provided with a recess to receive the base-board, and with two shoulders, one of which is situated above and the other somewhat below the top edge of the base-board, and which are intended to support the bottom rails of the fence in such a manner that a free circulation of air takes place through between the base-board and the bottom rails, and no recess is formed for the rain to lodge in, and consequently the bottom parts of the pickets, the bottom rails, and the base-board are kept dry and prevented from rotting.

The diverging legs of my post are sunk in the ground, and thereby great stability is imparted to the fence.

In the drawing, the letter A designates a post, which is made of cast-iron or any other suitable material of sufficient strength and durability. In the top part of this post is formed a chamber, *a*, capable of receiving the top rails *b*, which are placed at such a distance apart that the pickets *c* can be inserted between them.

By these means I am enabled to use comparatively light rails, and the pickets, being sustained on both sides, are not liable to become detached from the rails, and, furthermore, the rails, being confined loosely in the posts, allow a free circulation of the air, and are not liable to rot.

In the bottom part of my post is formed a

recess, *d*, to receive the base-board *e*, and the flanges which retain this base-board in position form two shoulders, *f g*, which are intended to support the bottom rail *h*, said bottom rail being confined between these shoulders and a transverse partition-bar, *l*.

One of said shoulders is situated somewhat above the top edge of the base-board, as shown in Fig. 2, so that a passage, *i*, is formed between one of the bottom rails and the base-boards, through which the air circulates, and the rain falling on the base-board is free to run off; and by the rail on the opposite side the base-board is supported from one post to the other, and also a lap is formed for the joint between two succeeding base-boards.

By this arrangement the bottom parts of the pickets, which are confined between the bottom rails and the base-board, are kept dry, and the durability of the fence is materially increased.

The rails at top and bottom are secured in the posts, so as to break joint in the middle of the panels.

The post A is provided with diverging feet *j*, which are let in the ground, as shown in Fig. 2, and which serve to retain the post firmly in position.

By these means a fence can be constructed which is comparatively cheap, which requires a small amount of timber, and which is superior in strength and durability to all other fences known to me.

It is obvious that the pickets, and also the posts, can be made in any desirable form or shape, with or without ornaments, as may suit the taste of the public.

What I claim as new, and desire to secure by Letters Patent, is—

1. The shoulders *f g*, chamber *a*, recess *d*, and feet *j*, formed in relation to the post A as described, in combination with the base-board *e*, top rails *b*, bottom rails *h*, and pickets *c*, substantially as set forth.

2. The shoulders *f g*, supporting the bottom rails, one of said shoulders being situated above the top of the base-boards, substantially as described.

This specification signed by me this 17th day of June, 1870.

S. A. DARRACH.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.