

(No Model.)

D. WRIGHT.

ence.

No. 240,874.

Patented May 3, 1881.

Fig., 1.

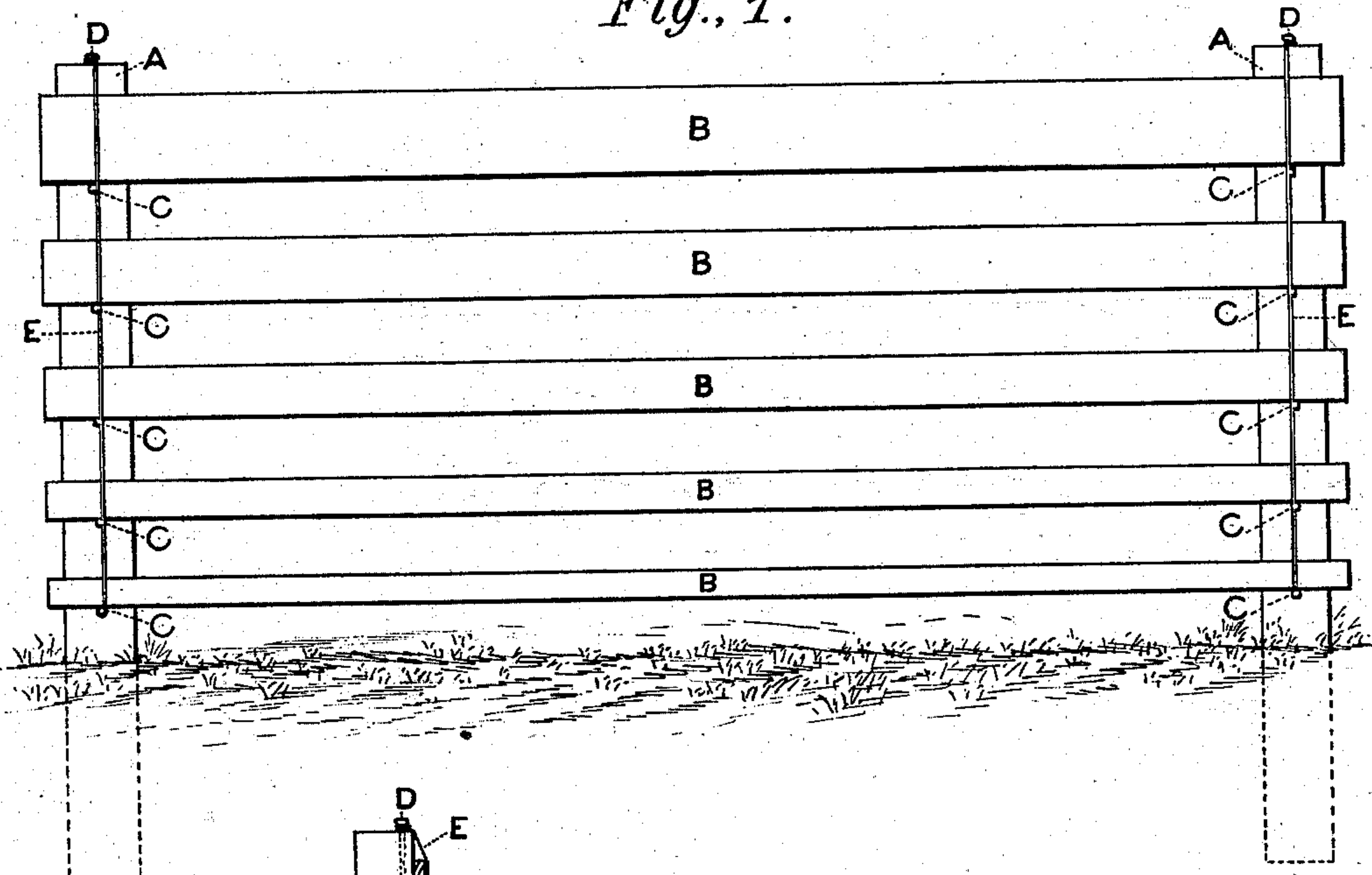


Fig., 2.

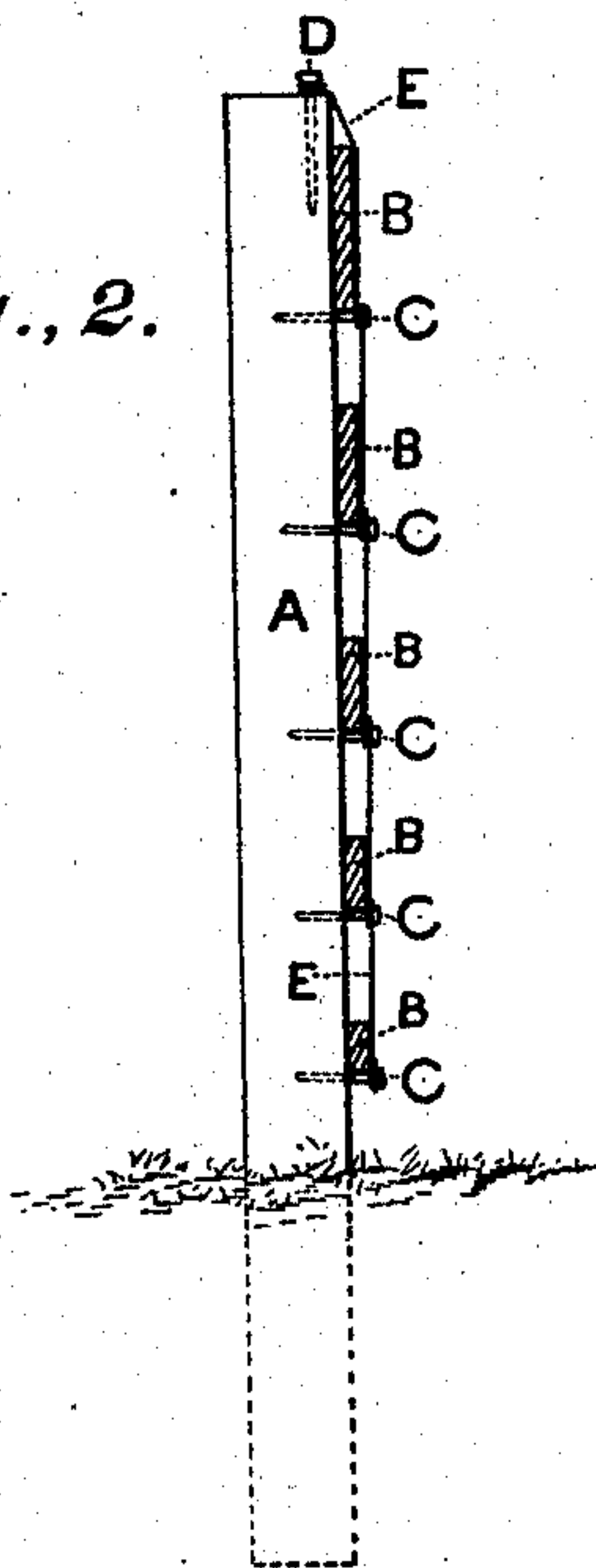
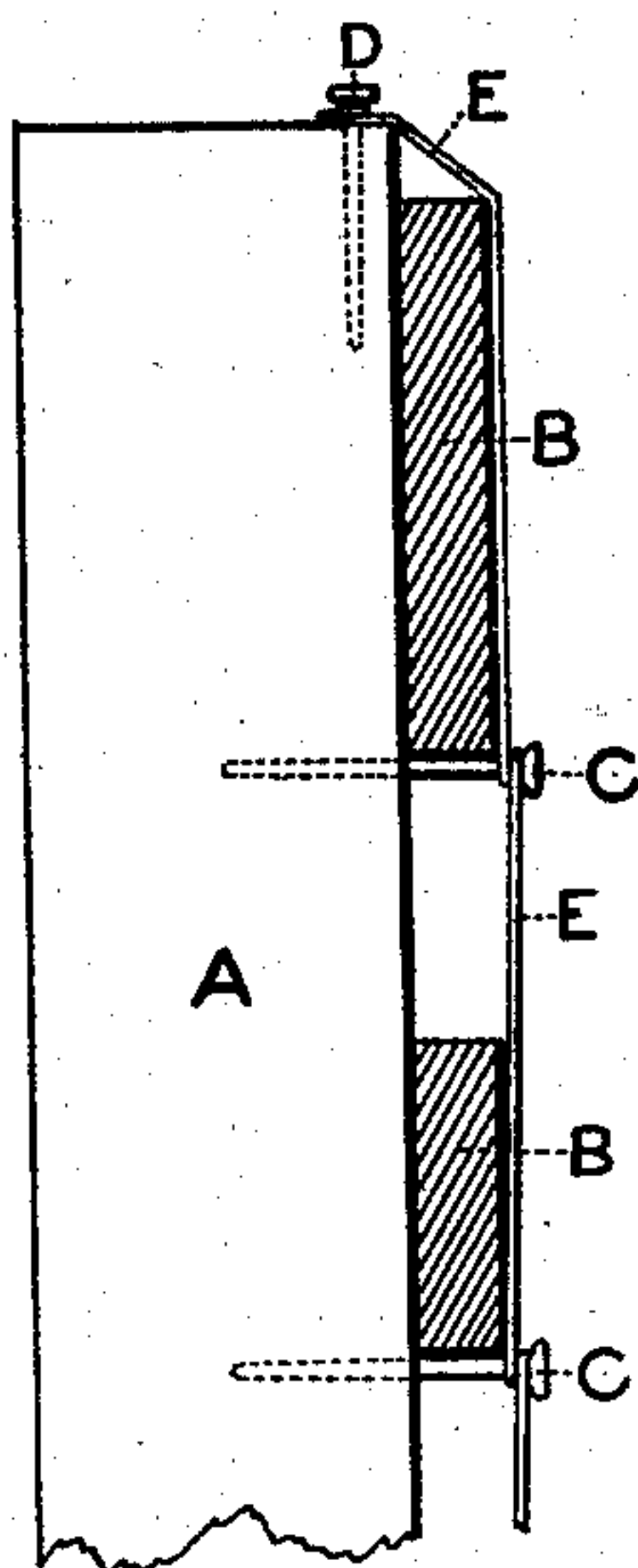


Fig., 3.



Witnesses:

Frank R. Rathbun.
Rollin Tracy.

Inventor:

David Wright

UNITED STATES PATENT OFFICE.

DAVID WRIGHT, OF AUBURN, NEW YORK.

FENCE.

SPECIFICATION forming part of Letters Patent No. 240,874, dated May 3, 1881.

Application filed December 15, 1880. (No model.)

To all whom it may concern:

Be it known that I, DAVID WRIGHT, of the city of Auburn, in the county of Cayuga and State of New York, have invented a new and useful Improvement in Fences, which improvement is fully set forth in the following specification, reference being had to the drawings.

My improvement consists in constructing loops or recesses on the outside of the posts for the reception of the ends of the rails or boards by means of supporting-nails driven into the posts to support the ends of the rails or boards, in connection with a wire firmly connected with the top or upper part of the post, and also firmly fastened to each of the supporting-nails as near the outer ends thereof as practicable, so that the outer end of each and every one of the supporting-nails will be supported by the strength of a continuous wire.

In the drawings, Figure 1 is an elevation, and Figs. 2 and 3 are vertical sections.

In the drawings, A represents the posts; B, the rails or boards; C, the supporting-nails which support the ends of the rails or boards; D, the nail driven into the top or upper part of the post to hold the wire, which is extended therefrom downward and fastened to each of the supporting-nails C as near the outer end thereof as practicable, and E represents the wire.

In constructing a fence embodying my improvement the post is firmly set in the ground in the ordinary manner. A nail (marked D in the drawings) is driven into the top or upper part of the post, of sufficient strength firmly to hold the wire E in place against any strain to which it may be subjected by the pressure of the ends of the rails upon the supporting-nails C, caused by their own weight, or by any extrinsic pressure to which they may be exposed. Supporting-nails (marked C in the drawings) are then to be driven into the posts, for supporting the ends of the rails or boards. The wire (marked E in the drawings) should then be firmly attached to the nail D and to each of the supporting-nails C. Care should be taken that this wire be drawn taut, so as to

form a straight line from each nail to the next nail thereto, and thus the loops or recesses to receive the ends of the rails or boards are formed upon the outside of the posts. The posts are then ready to receive the rails or boards. If deemed more convenient, the posts may be thus prepared before being set in the ground.

In order to prevent the necessity of using very long supporting-nails, the ends of the rails should be beveled, so as not to exceed an inch in thickness where it is intended they shall rest upon the supporting-nails.

It will be perceived that with a fence thus constructed any or all of the rails or boards may easily be removed, leaving the posts standing, and any or all of them may be again replaced without substantial injury to any of the parts.

It will also be perceived that boards of different lengths may be used, as they may be allowed to lap each other, according to their lengths.

The boards may be taken from the fence in the fall to prevent the formation of snow-banks along the line of the fence in winter, and the same boards may be used for forming shelter for stock, or other purposes, when not needed in the fence, and be returned to the fence when required.

If deemed necessary, a nail may be driven above the ends of the rails, so as to hold them from being raised in the loops. In practice I have not found this necessary.

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

1. The combination, with vertical posts and horizontal fence-rails, of supports consisting of nails driven into said posts under each fence-rail, and a wire wound around said nails, under the head thereof, and extended from one nail to the other parallel with the post, substantially as and for the purpose described.

2. The combination of a post, A, a series of nails, C, driven therein, and a wire, E, wound around said nails, adjoining the head thereof, in a continuous line parallel with said post, with horizontal fence-rails B, resting directly

upon the nails, substantially as and for the purpose described.

3. The combination of a post, A, a series of nails driven in the sides thereof, and nail D
5 in the top of said post, with a wire, E, wound around said nails, under the head thereof, in a continuous line between the series of nails C,

parallel with said post, and horizontal fence-rails B, resting directly upon the nails C, substantially as and for the purpose described.

DAVID WRIGHT.

Witnesses:

ROLLIN TRACY,
FRANK R. RATHBUN.

Correction in Letters Patent No. 240,874.

It is hereby certified that in Letters Patent No. 240,874, granted May 3, 1881, to David Wright for an improvement in "Fences," the word "nail" in line 47 on page 1 of the printed specification attached to and forming a part of said Letters Patent was erroneously printed "rail;" that the proper corrections have been made in the files and records of the Patent Office, and are hereby made in said Letters Patent.

Signed, countersigned, and sealed this 13th day of September, A. D. 1881.

[SEAL.]

A. BELL,

Acting Secretary of the Interior.

Countersigned:

E. M. MARBLE,

Commissioner of Patents.