

(No Model.)

B. B. TOWNSEND.
Fence.

No. 230,210.

Patented July 20, 1880.

FIG. I.

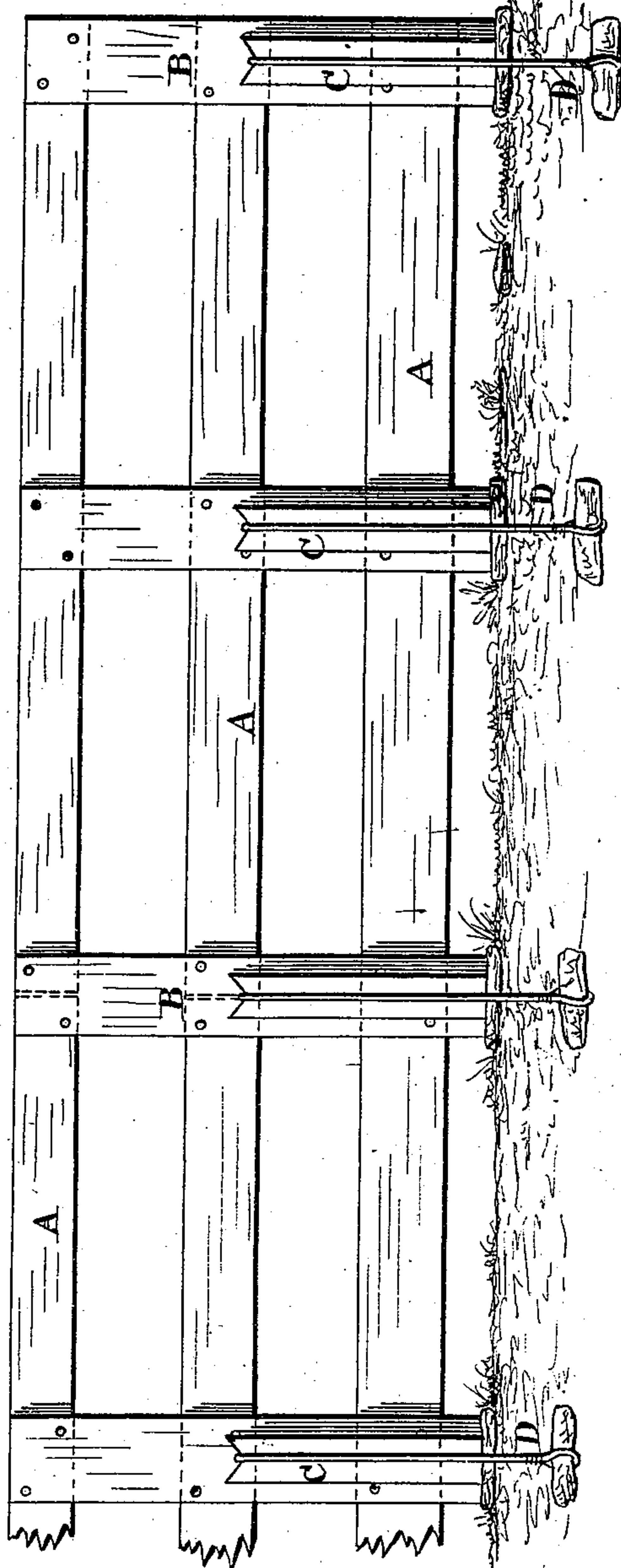
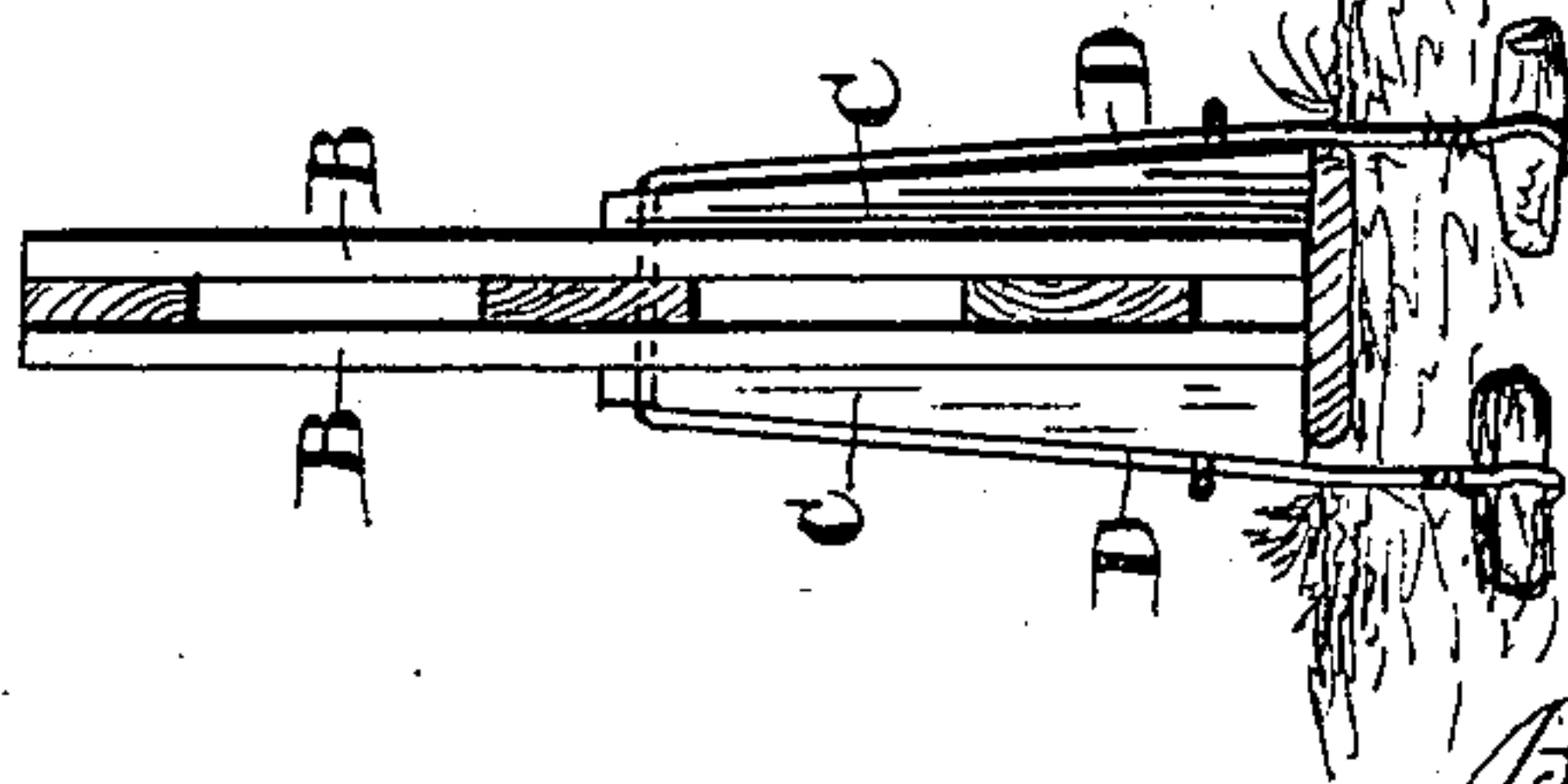


FIG. II.



WITNESSES

Wm. L. Morris.
Charles Ketchum.

INVENTOR

Bethel B. Townsend

UNITED STATES PATENT OFFICE.

BETHEL B. TOWNSEND, OF PENN YAN, NEW YORK, ASSIGNOR OF ONE-HALF
OF HIS RIGHT TO WILLIAM A. TOWNSEND.

FENCE.

SPECIFICATION forming part of Letters Patent No. 230,210, dated July 20, 1880.

Application filed May 31, 1880. (No model.)

To all whom it may concern:

Be it known that I, BETHEL B. TOWNSEND, of Penn Yan, in the county of Yates and State of New York, have invented a new and useful
5 Improvement in Fences, of which the following is a specification.

My invention relates to improvements in a fence that may be constructed in sections and set up where wanted, and placed upon stones
10 to support it, and having braces to hold it in vertical position.

The object of my improvement is to provide a fence that may be made in the workshop and then taken where needed, and having
15 braces to hold it upright, to avoid the necessity of putting posts into the ground, thereby preventing decay of any part of the fence. I attain these objects by the method of construction illustrated in the accompanying draw-
20 ings, in which—

Figure I is a side elevation, and Fig. II a side view, of the uprights and braces.

Similar letters of reference refer to similar parts throughout both views.

25 The boards A may be made any length or width required, and any number may be used to make the fence the required height.

When the fence is made in the shop in sections the uprights B should have about one-
30 half their width project beyond the ends of the boards, and at the other end of the section there should be no upright applied, so that the ends of the boards may enter between the uprights of the adjoining section; and if a
35 picket-fence is desired rails may be put in the place of the boards, and pickets may be nailed to them.

The uprights B should be as long as the height of fence required, and they may be any
40 width and thickness preferred. They are placed on opposite sides of the fence and opposite to each other, and nailed to the boards or rails to hold them in position.

The braces C should be in length about one-
45 half the height of the fence and be made tapering, as shown in Fig. II, with a notch in the upper end for the wire brace to lie in to more firmly connect the parts. They are nailed
50 to the uprights, and their lower ends should be even with the lower ends of the uprights,

so that they may all rest upon a flat stone or other foundation. The width of their base may be made as desired. If the fence is set in exposed places, or places where the wind would affect it, the braces should be wider; 55 and when desired to plow close to the fence they may be narrower; or they may be made for one side of the fence wider than the other, if preferred.

The braces D are made of wire, it being put 60 through the section and then the ends put through a hole below in opposite directions to clasp the section firmly, and then bent downward along the outer surface of the brace C, and near the base of the brace a staple is 65 driven over it into the brace to hold it firmly to the brace and to prevent the brace being moved by cattle or whiffletrees when plowing along the fence.

At a suitable distance below the end of the 70 brace C the wire is fastened to a stone by having a hole through the stone or being wound about it.

To use my invention, place a stone or other foundation upon the surface of the ground for 75 the uprights and braces C to rest upon, and dig holes in the ground by the side of the foundation, for the stones the braces D are fastened to. Then put the sections on the foundation and the braces D and stones in the 80 holes, and tamp dirt upon the stones, and the fence is firmly fastened.

I am aware that prior to my invention wire braces have been used to support fence. I therefore do not claim, broadly, such a device; 85 but

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

In combination with the sections of fence made with uprights B at each side, the bracing- 90 pieces C, fastened to the uprights, and the wire braces D, fastened at the middle of the fence, and fastened with staples to the braces C, also fastened to stones in the ground, all substantially as set forth.

BETHEL B. TOWNSEND.

Witnesses:

WM. T. MORRIS,
CHARLES KETCHUM.