

L. CHIPMAN.
PORTABLE FENCE.

No. 173,529.

Patented Feb. 15, 1876.

Fig. 1.

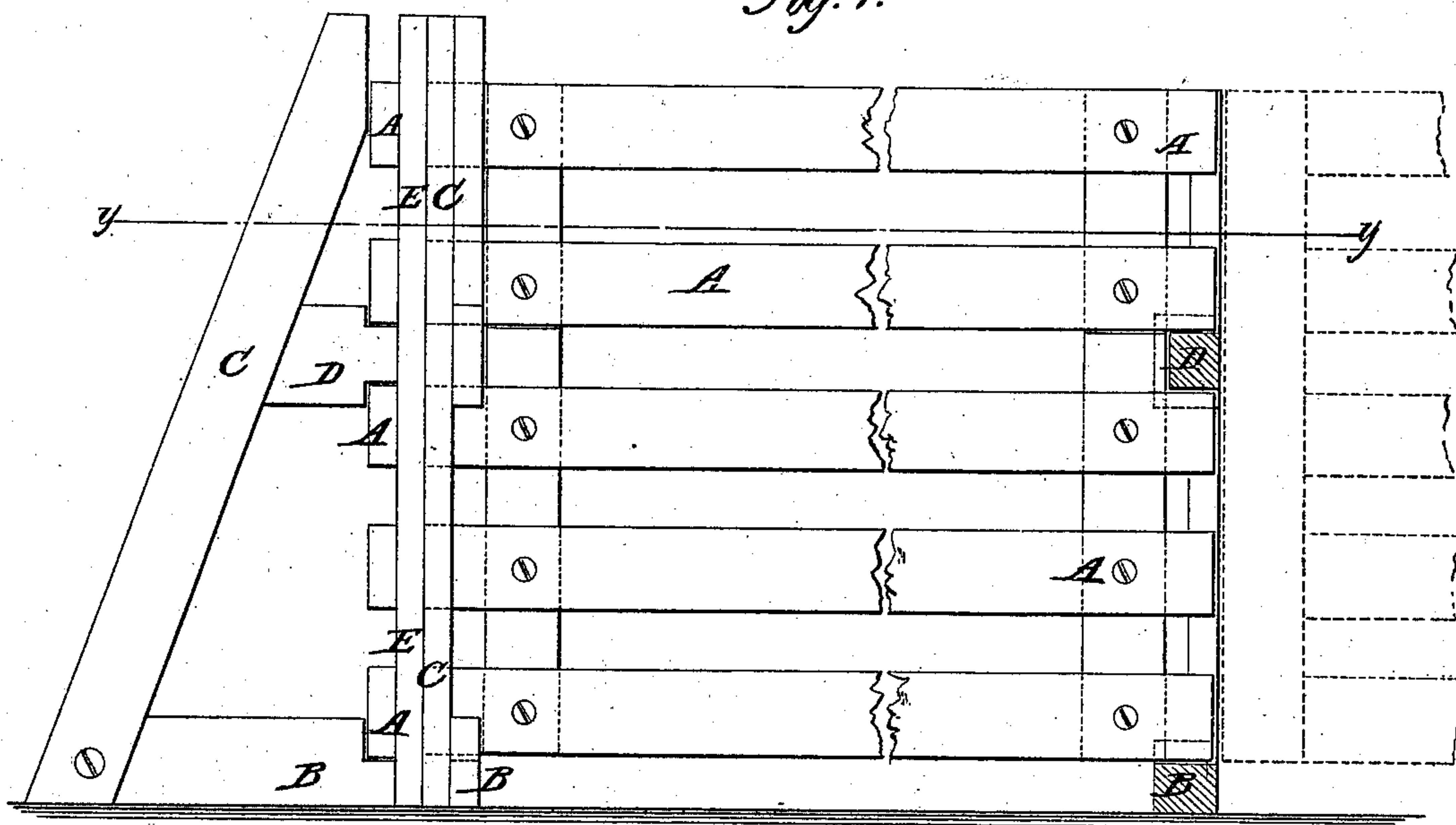


Fig. 2.

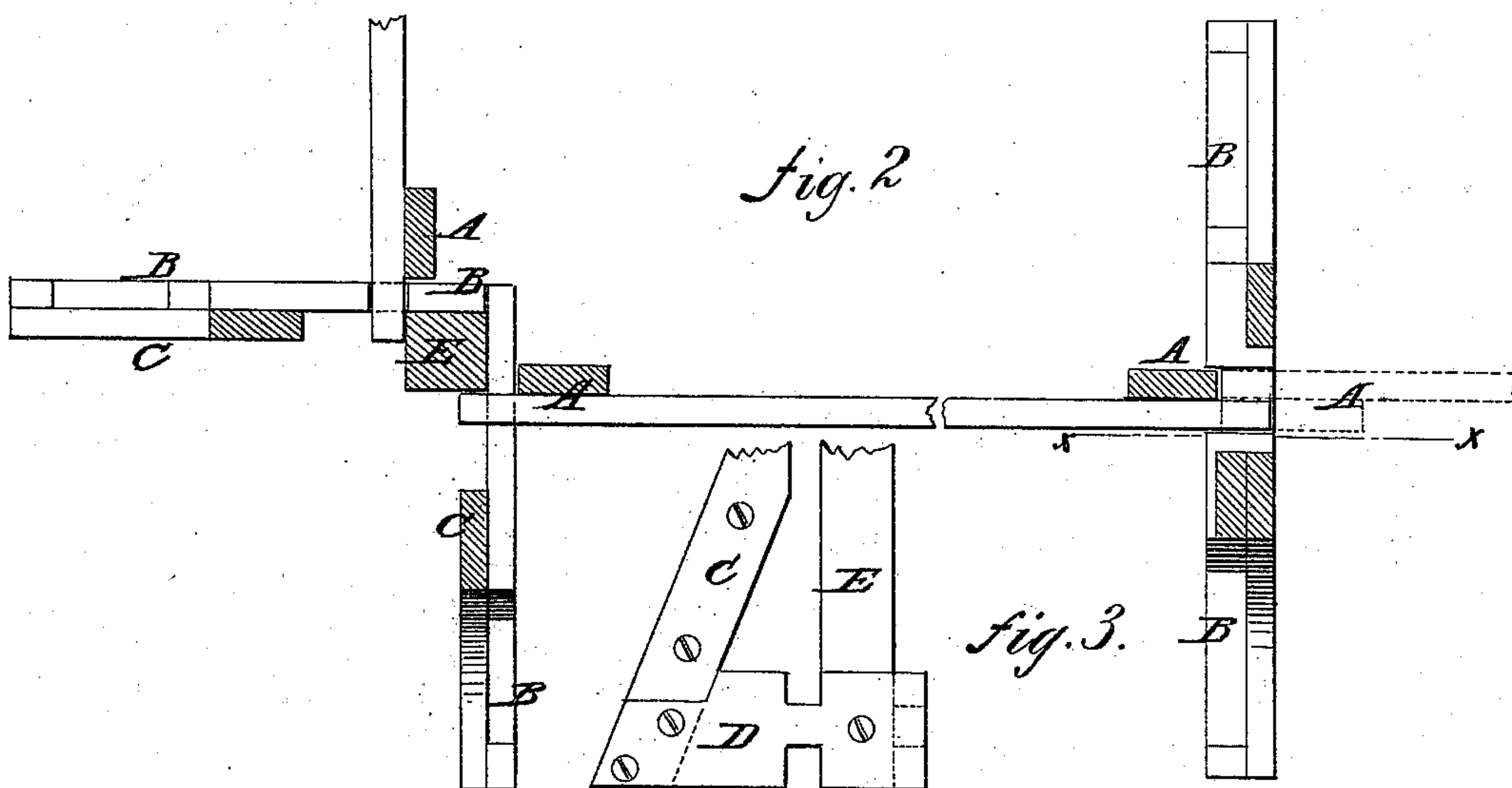
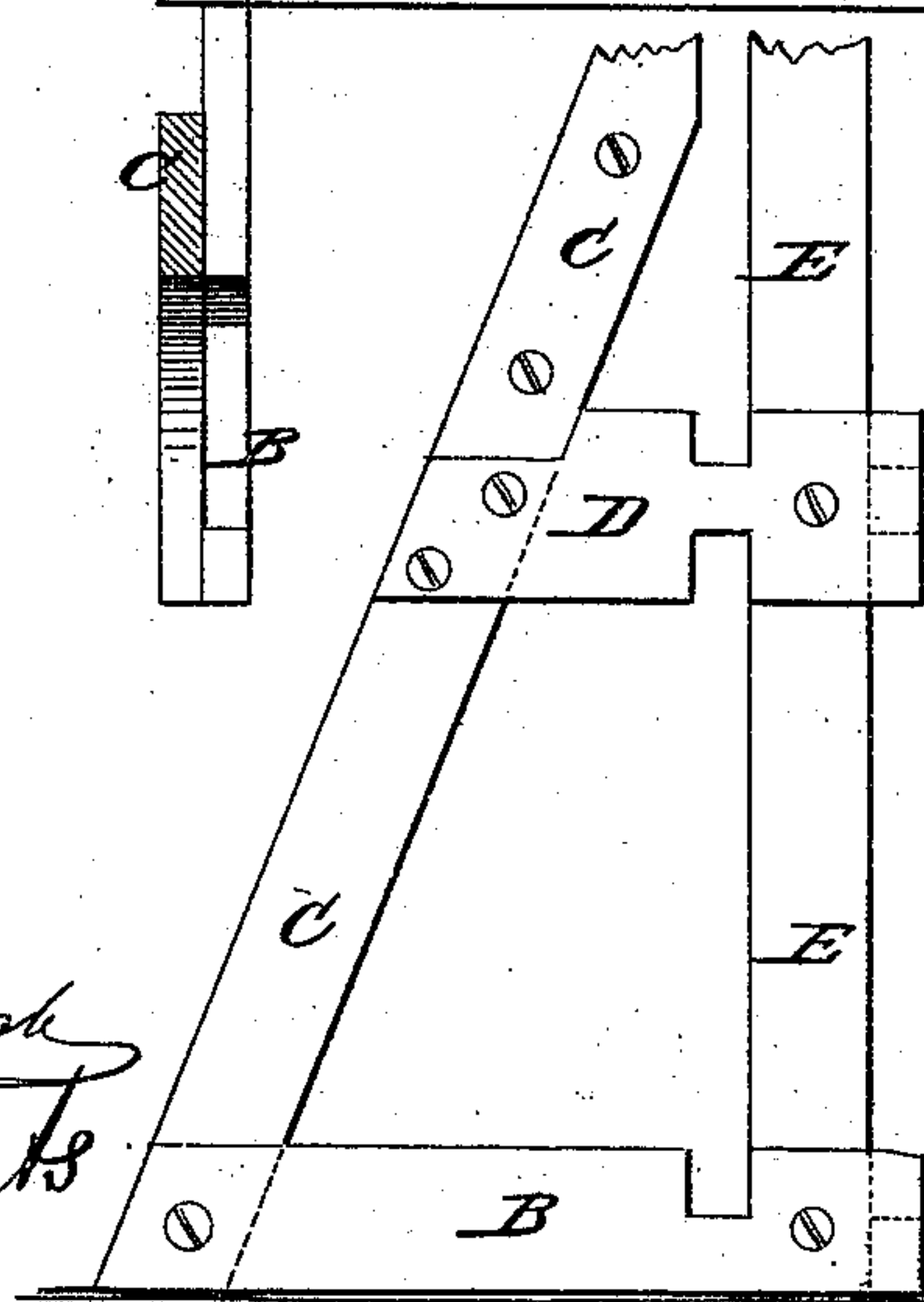


Fig. 3.



WITNESSES:
Gustav Dietrich
Alex F. Roberts

INVENTOR:
Levi Chipman
BY *Munnell*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

LEVI CHIPMAN, OF VERMONT, ILLINOIS.

IMPROVEMENT IN PORTABLE FENCES.

Specification forming part of Letters Patent No. **173,529**, dated February 15, 1876; application filed December 18, 1875.

To all whom it may concern:

Be it known that I, LEVI CHIPMAN, of Vermont, in the county of Fulton and State of Illinois, have invented a new and useful Improvement in Portable Fence-Posts, of which the following is a specification:

Figure 1 is a side view of a portion of my improved post, with the fence partly in section through the line *x x*, Fig. 2. Fig. 2 is a horizontal section of the same, taken through the line *y y*, Fig. 1. Fig. 3 is a detail side view of one of the corner-posts.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved fence-post, which may be quickly set up and taken down, which shall be firm, strong, and durable, and which will require neither nails, keys, wedges, pins, nor bolts for connecting the panels and posts.

The invention consists in the post formed of the inclined bars, the notched sill and cross-bar, made in two parts, and the upright bar, in combination with the projecting ends of the horizontal bars of two adjacent panels, placed at an angle with each other, as hereinafter described.

A are the panels, which are formed by attaching cross-bars to the longitudinal bars near their ends, one or more intermediate cross-bars being used when the panels are made long. B are the sills of the posts for connecting the adjacent ends of panels A, placed in line with each other. To the ends of the sills B are attached the lower ends of two bars, C, which incline toward each other, the inner corners of their upper ends being beveled off, and being at such a distance apart as to receive between them the projecting ends of the top horizontal bars of the panels A.

The inclined bars C are connected by a cross-bar, D, in such a position that it may be between the ends of the third and fourth horizontal bars of the panels A.

The upper side of the middle part of the sill B is notched to receive the lower edges of the overlapped ends of the lower horizontal bars of the adjacent panels A. The lower and upper sides of the cross-bar D are notched to receive the upper edges of the ends of the third horizontal bars and the lower edges of

the fourth horizontal bars of the panels A. The rear sides of the cross-bars D are notched to receive the forward edge of the cross-bar of the panel A last set up, to hold said panel steady until the end of the next panel A is inserted in the post B C D.

At the corners of the fence the sills B and the cross-bars D are made in two parts, and the adjacent ends of said parts are secured to the adjacent sides of a square vertical bar, E, so as to bring the parts of the post B C D E at right angles with each other, as shown in Fig. 2. In this case notches to receive the projecting ends of the horizontal bars of the panels A are formed in both parts of the sills B and cross bars D, close to the sides of the bar E, as shown in Figs. 2 and 3.

The posts B C D E are used at the corners of the fence in fencing a field or yard.

In putting up a fence the workman begins at one end or corner by inserting one end of a panel, A, in a post, B C D E. A post, B C D, is then placed upon the other end of the panel, and the end of another panel inserted in it, and so on until the fence is completed.

By beginning at one end of the fence it can be easily taken down.

A panel can be taken from the middle part of the fence by beginning at some distance from the panel to be removed, and crowding the panels together longitudinally until enough play has been obtained to enable one end of said panel to be detached from its post.

With this construction the panels and posts are all bound together, and any lateral pressure that may push the fence a little out of line will only bind its joints more firmly.

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

The post formed of the inclined bars C, the notched sill B and cross-bar D, made in two parts, and the upright bar E, in combination with the projecting ends of the horizontal bars of two adjacent panels, A, placed at an angle with each other, substantially as herein shown and described.

LEVI CHIPMAN.

Witnesses:

EDWIN KNOCK,
EDWIN PARKER,