

J. Edmunds,

Wood Fence,

Nº 52,981.

Patented Mar, 6, 1866

Fig. 2.

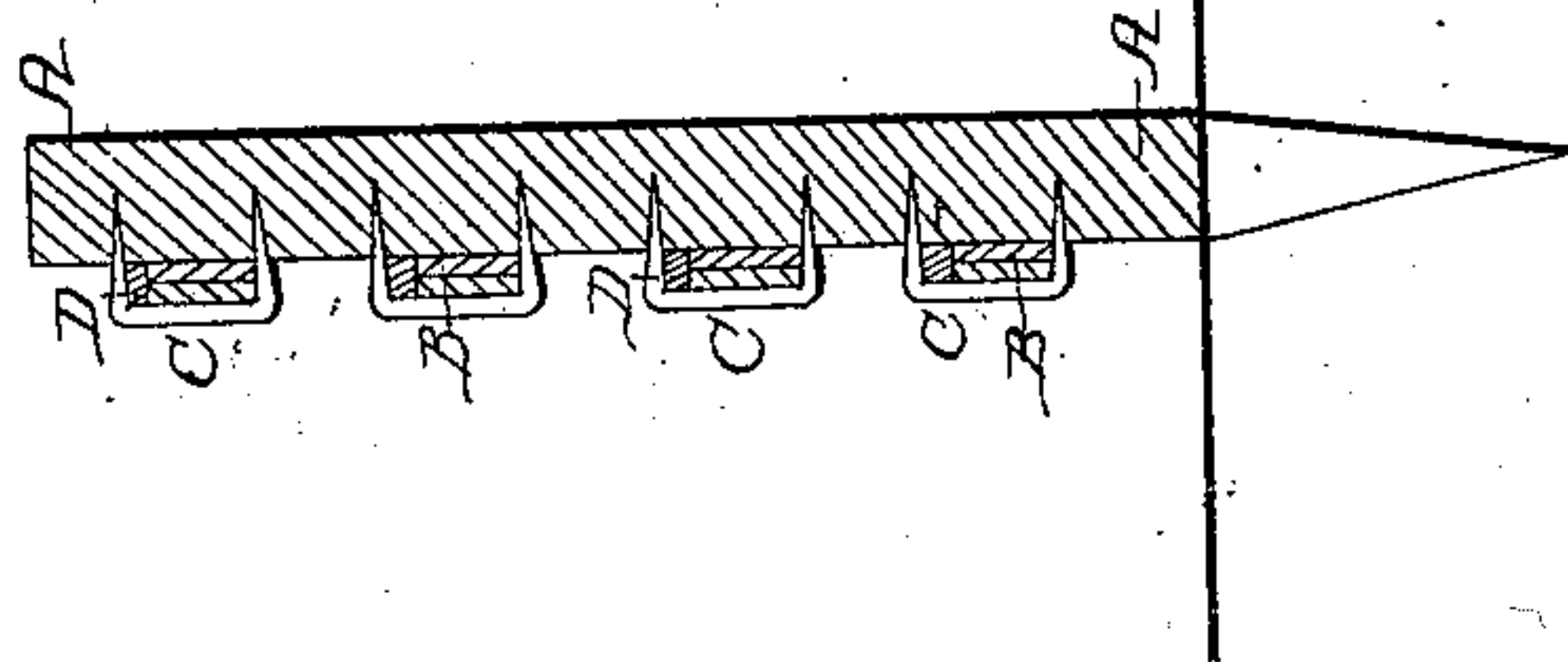


Fig. 1.

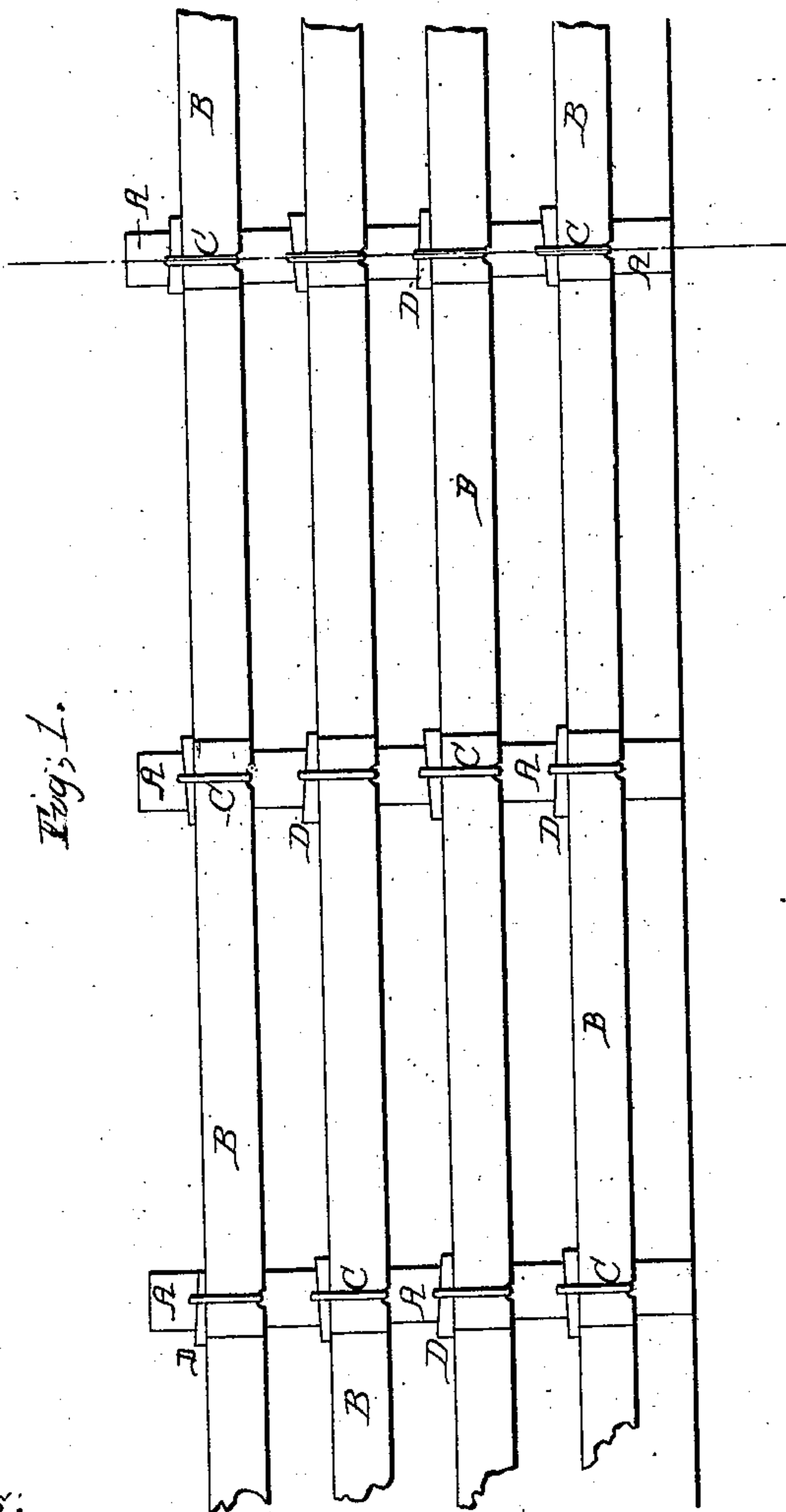
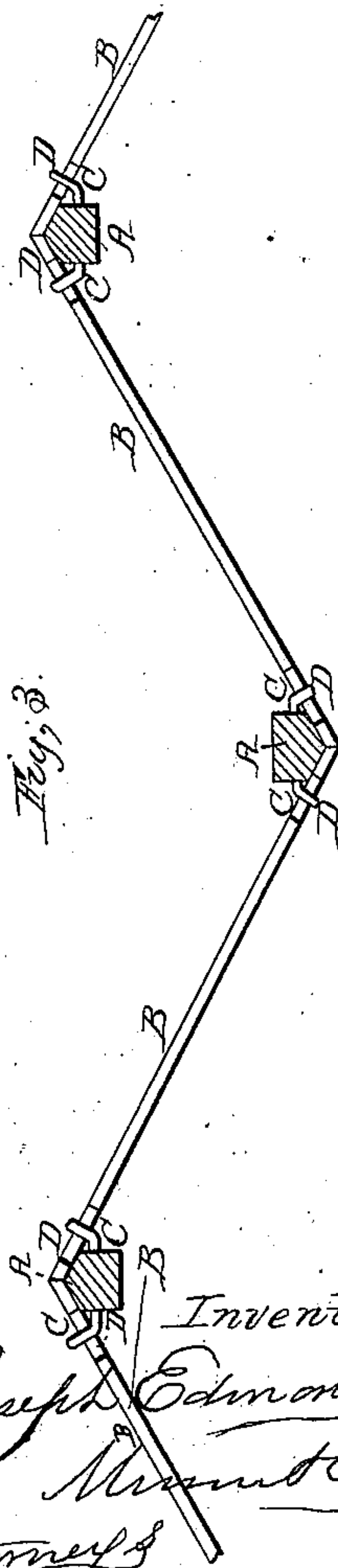


Fig. 3.



Witnesses;
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UNITED STATES PATENT OFFICE.

JOSEPH EDMUNDS, OF SOUTH ADAMS, MASSACHUSETTS.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 52,981, dated March 6, 1866.

To all whom it may concern:

Be it known that I, JOSEPH EDMUNDS, of South Adams, in the county of Berkshire and State of Massachusetts, have invented a new and useful Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front view of a portion of my improved fence. Fig. 2 is a vertical cross-section of the same through the line *xx*, Fig. 1. Fig. 3 illustrates a modification of my invention in which the improvement is applied to a worm-fence.

Similar letters of reference indicate like parts.

My invention has for its object the furnishing an improved fence readily put up, strong and durable, and which will allow any board or any portion of the fence to be taken out and replaced as required without injury thereto; and it consists in a fence the boards of which are attached to the posts by the use of staples and wedges, as hereinafter more fully set forth.

A are the posts, which are set into the ground in the usual way, and at the distance apart required by the lengths of the boards B used. Into the posts A are driven staples C. These staples may be driven into the front of the posts, as represented in Figs. 1 and 2, or they may be driven into the sides of the posts and then bent at right angles, so as to project in front of the posts a sufficient distance to allow the board or boards to be inserted. If the boards are short, posts at their ends will be sufficient; but if the boards are long it may be advisable to have a post at the middle of the boards.

The boards B are notched on their under edges, as represented in the drawings, at the points where they come into contact with the staples C, so that they may engage with the staples and be prevented from getting out of place. They are also further secured by wedges D, that are driven between the upper edges of the board or boards B and the upper legs of the staples C, as shown. These wedges D force the boards down, so that the notches on their lower edges shall firmly grasp the lower legs of the staples and the boards be held securely. In the case of the posts at the ends of the boards the ends of two contiguous boards overlap each other, and both enter the same staple from different directions, so as to bind the fence firmly together.

When the improvement is applied to a worm-fence, as illustrated in Fig. 3, staples must be attached to two sides of the posts, be bent up into the proper position, and project sufficiently to receive one thickness of board. In this case the ends of the boards may be beveled, as shown, so as to form a joint. The lower edges of the boards are notched and the wedges applied, as before described.

When the fence is built in the manner last described the posts A need not be set into the ground, but the fence will be sufficiently firm and secure with the lower ends of the posts standing upon the surface of the ground.

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

An improved fence, formed by attaching the boards to the fence by means of staples and wedges, substantially as described, and for the purposes set forth.

JOSEPH EDMUNDS.

Witnesses:

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