

I. A. Gormley.

Field-Fence.

Nº 73090

Patented Jan. 7, 1868.

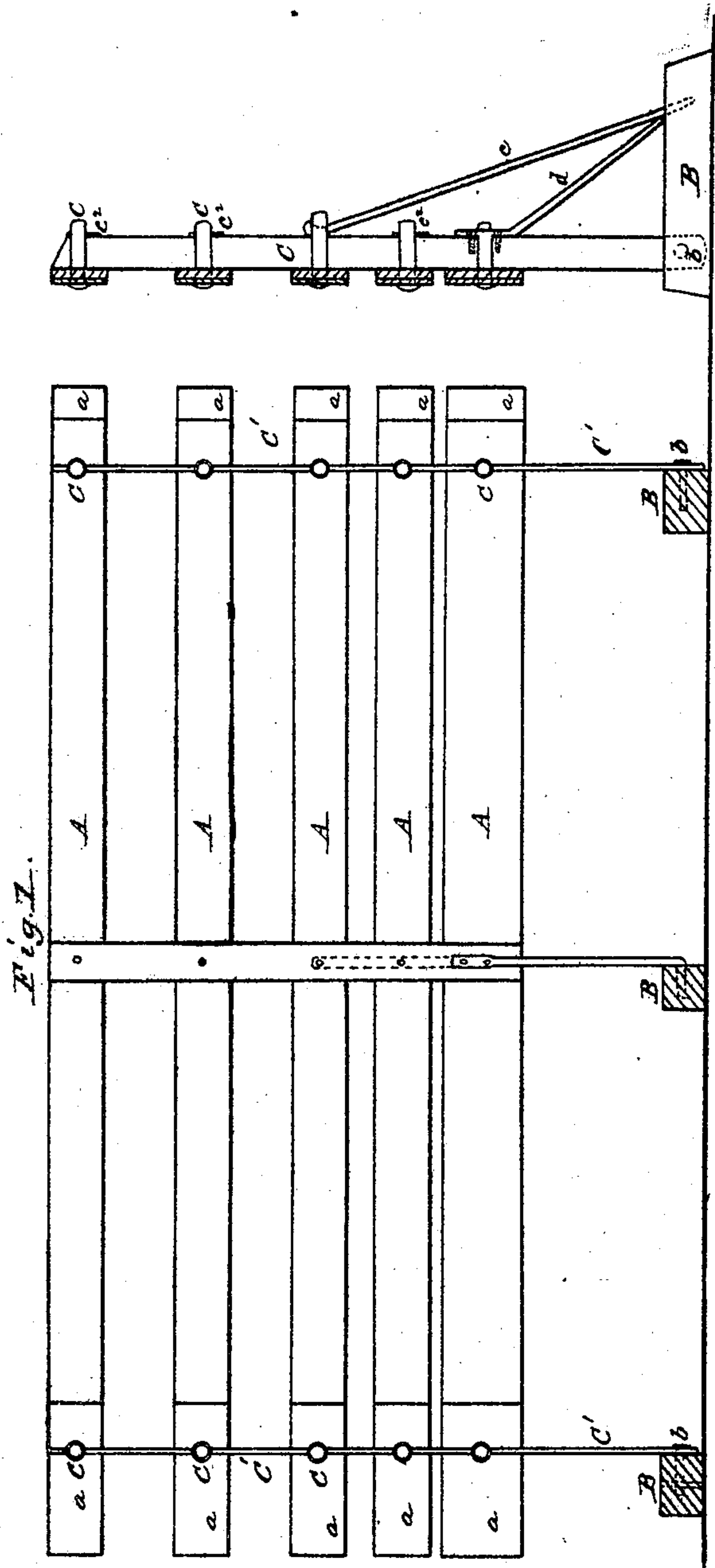


Fig. 1.

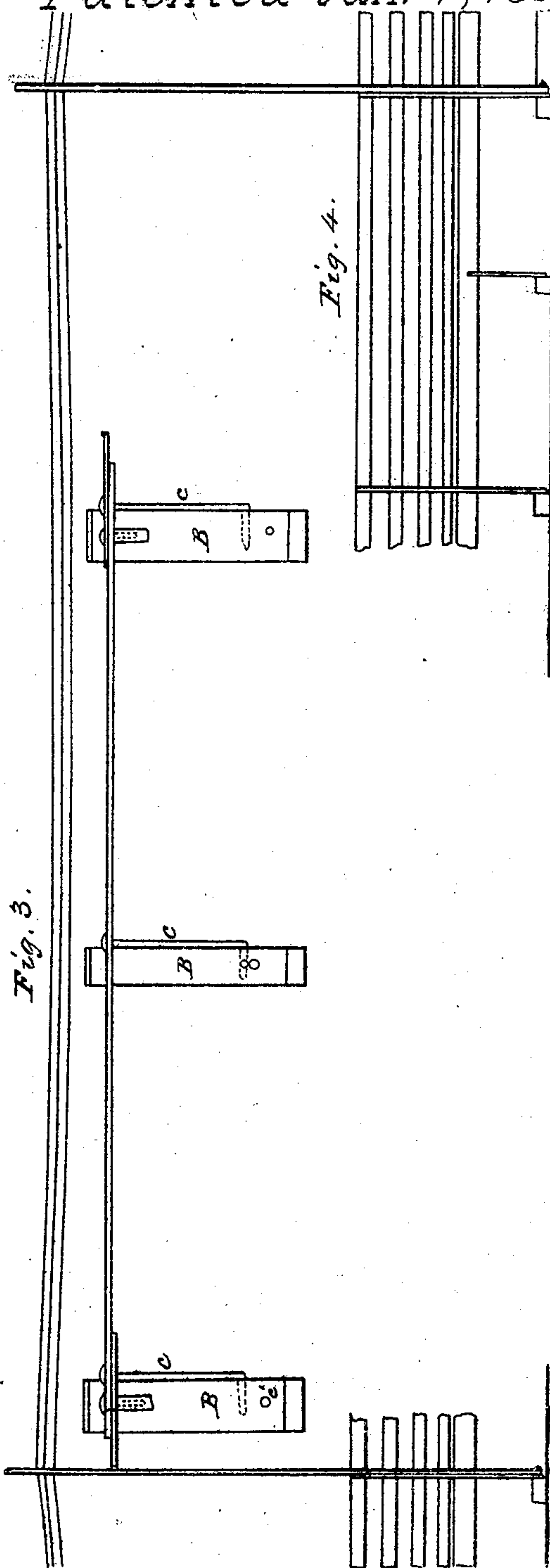


Fig. 3.

Fig. 4.

Witnesses
John D. Bloor
Edwin James

Inventor
I. A. Gormley
by Holmead & Hollingshead
Attorneys

United States Patent Office.

I. A. GORMLY, OF BUCYRUS, OHIO.

Letters Patent No. 73,090, dated January 7, 1868.

IMPROVEMENT IN FIELD-FENCES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, I. A. GORMLY, of Bucyrus, Crawford county, in the State of Ohio, have invented certain new and useful Improvements in Field-Fences; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, and to the letters of reference marked thereon, making part of this specification, in which—

Figure 1 is a side elevation.

Figure 2 is an end view.

Figure 3 is a plan view.

Figure 4 is a side view, showing telegraph-poles.

The nature of my invention consists in placing anchors in the ground, to which are attached metal standards, either by bolting them to the sides thereof, or placing them in the middle in a mortise. These metal posts can be of flat bar-iron, of suitable width and thickness, and may be carried up to the height of the fence full width, or, for economy, may be cut diagonally, so that the upper end will be much narrower than the lower. Then one length of bar will make two posts. Through each plank constituting the boarding of the fence I pass a cast-iron dowel, having a head at one end, and a slot or eye near the other, a little longer than the width of the post, to admit of a slightly-tapering key. The slot or eye should be so adjusted that, when the post is put in, and the key driven up, the post will bear firmly against the plank. From the third plank from the bottom the bolt receives in its eye the upper end of a brace, which is bent so as to take firm hold of the bolt; and the lower end of the brace is to be fitted to the anchor, either in the side or on the top, by boring a suitable hole, and forcing the brace into it, which, being at an angle, will not come out. From the middle of each panel, a brace is to be fastened to the lowest plank, and to the anchor, in addition to the long brace, which is to be fastened to the third plank.

In the drawings, A A A represent the planks of the fence; B B B, the anchors to be placed in the ground; C, cast-iron dowel; C', the posts; a a a, the splice-pieces at the junction of the panels; b b b, the pins or bolts to fasten lower end of posts; c c c, the long braces; c¹ c¹ c¹, the holes for long braces, when fastened on top; d d d, short braces for middle panels; c² c² c², keys.

Telegraph-Poles.

This method of constructing fences is adapted to lines of railroad, and, in the method of arranging telegraph-poles by fastening them to the posts, makes my invention valuable to both railroad and telegraph companies.

Having thus fully described my invention, what I claim to be new therein, and desire to secure by Letters Patent of the United States, is—

The combination of metal posts, anchors, and braces, with dowel-pins and wedges, substantially as described. In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

I. A. GORMLY.

Witnesses:

JOHN D. BLOOR,
EDWIN JAMES.