

(Model.)

W. COKAYNE.
PORTABLE FENCE.

No. 300,221.

Patented June 10, 1884.

Fig. 1.

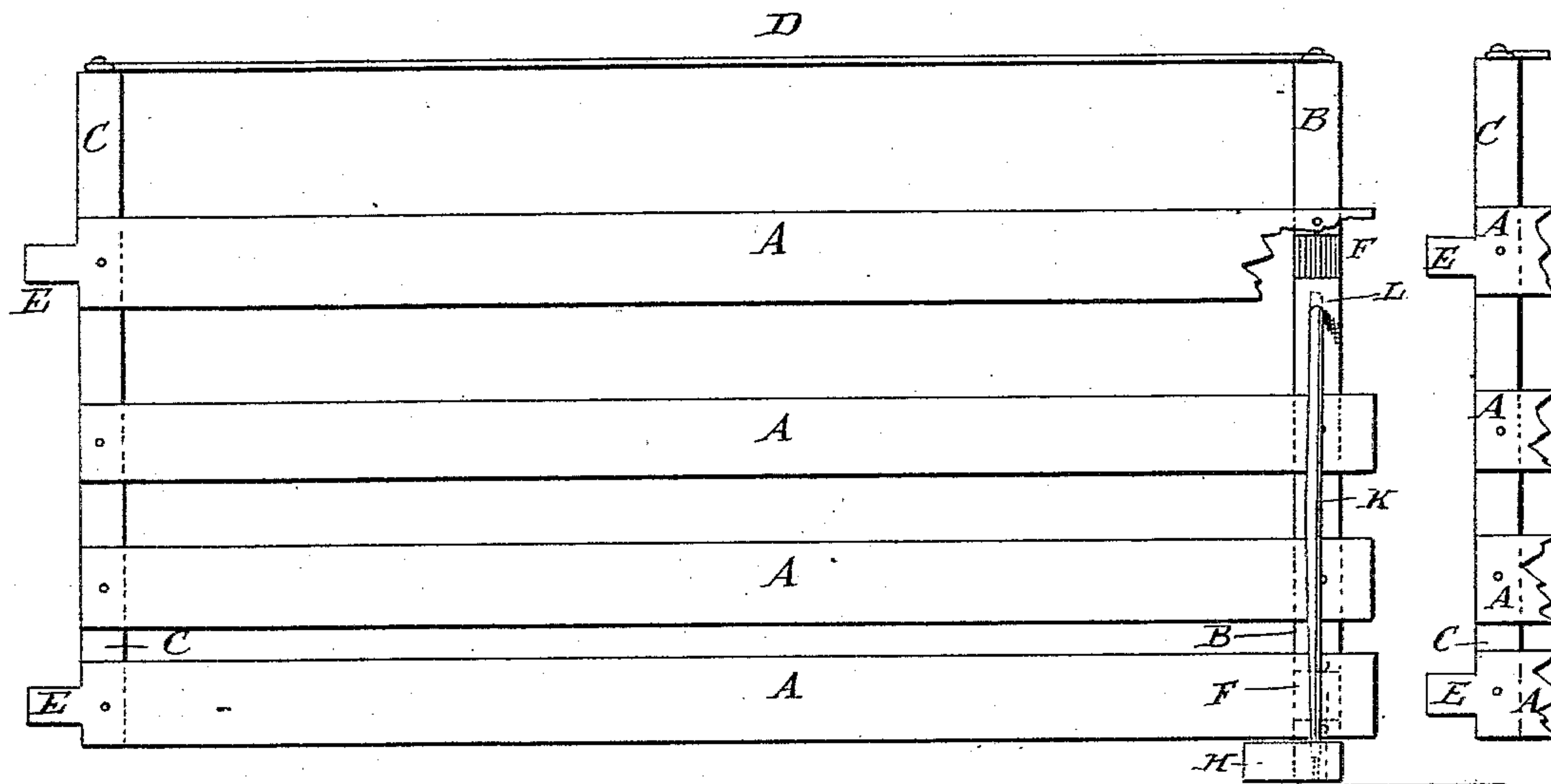


Fig. 2.

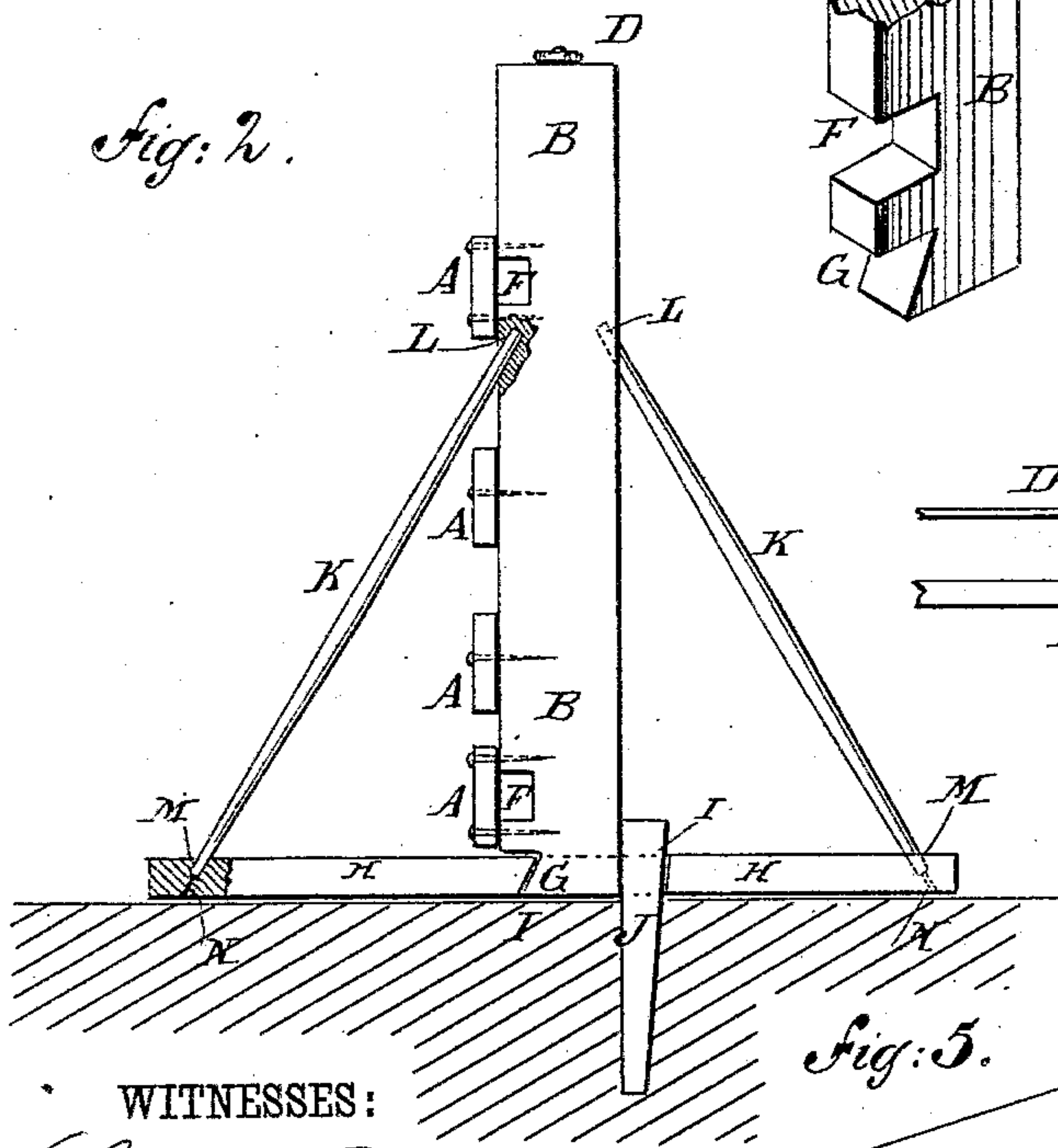


Fig. 4.

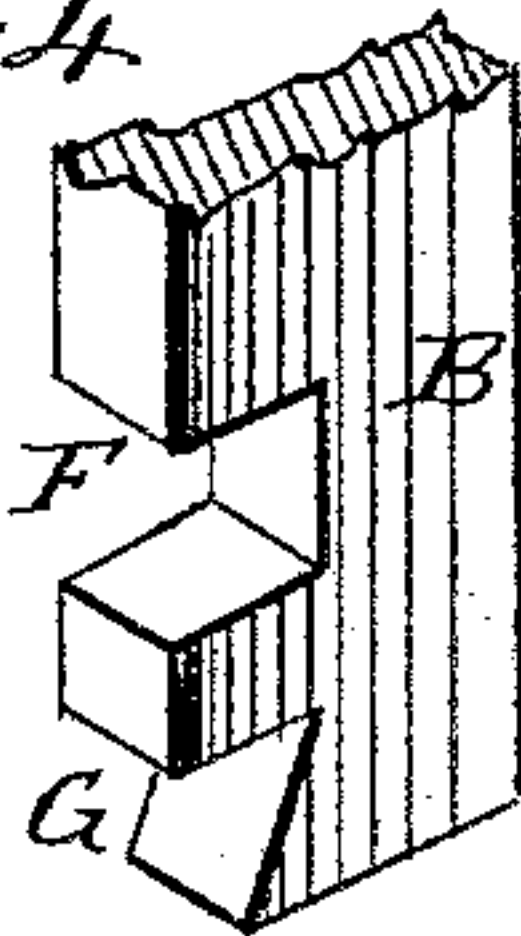


Fig. 3.

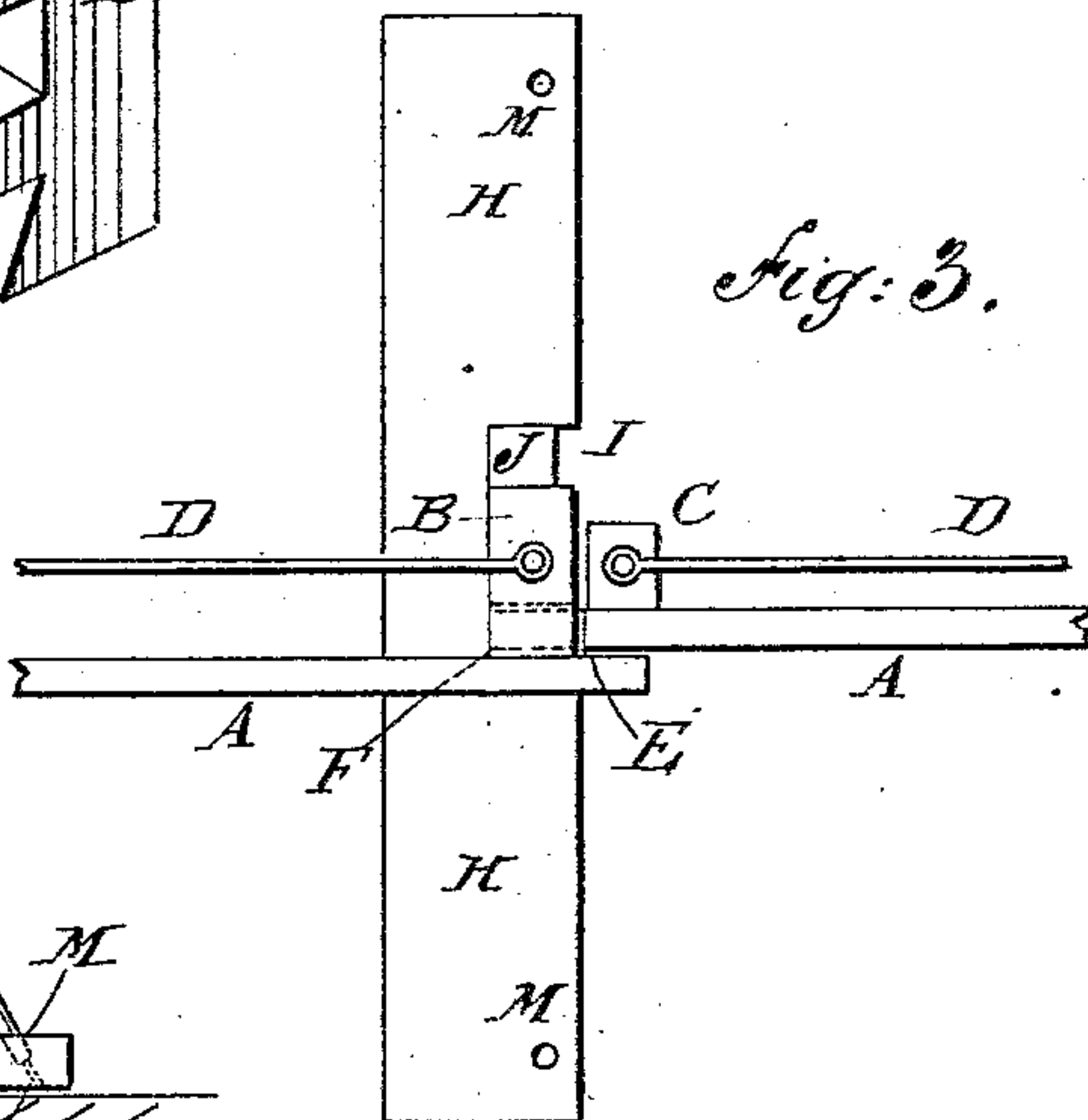
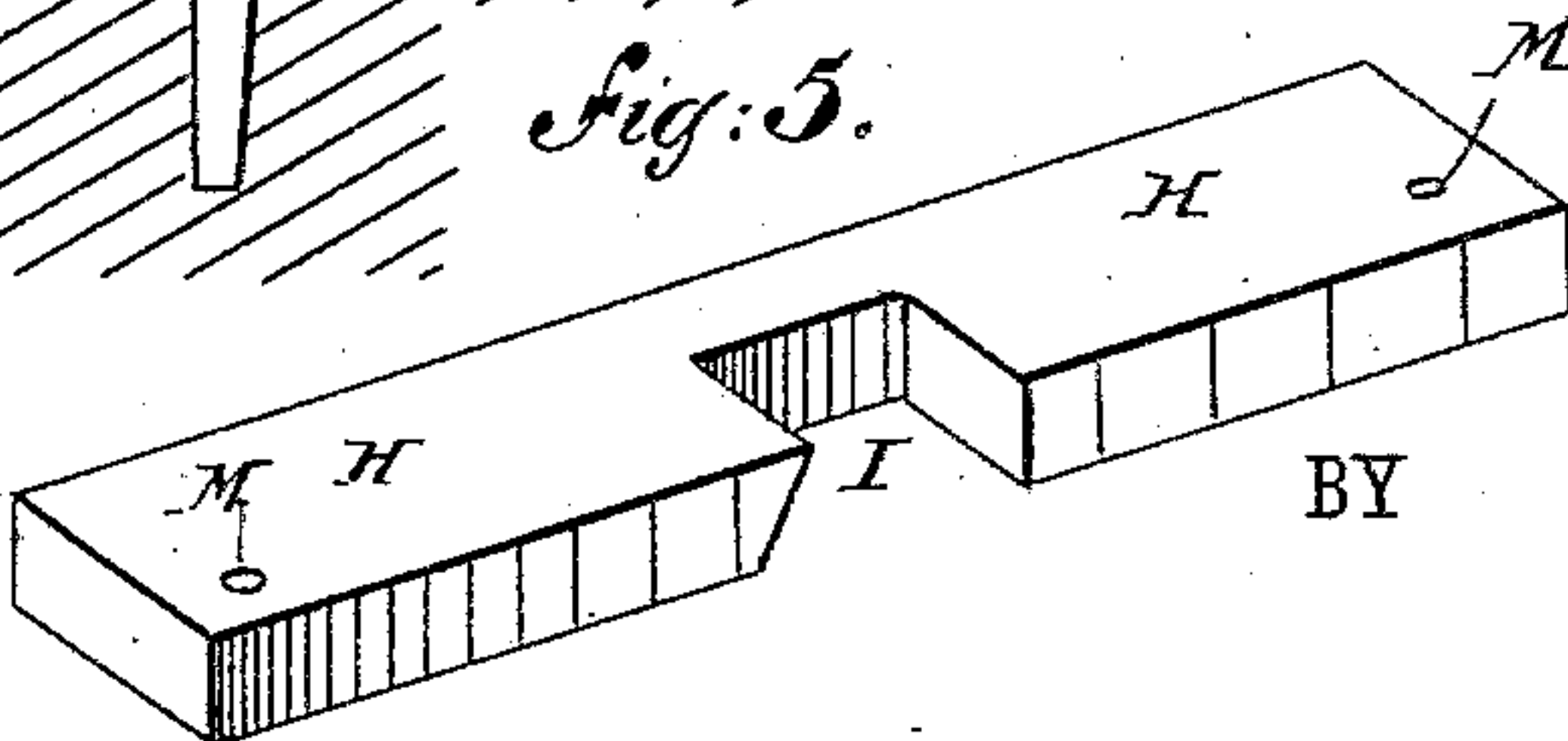


Fig. 5.



WITNESSES:

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WILLIAM COKAYNE, OF GEETINGSVILLE, INDIANA.

PORTABLE FENCE.

SPECIFICATION forming part of Letters Patent No. 300,221, dated June 10, 1884.

Application filed October 15, 1883. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM COKAYNE, of Geetingsville, in the county of Clinton and State of Indiana, have invented a new and useful Improvement in Portable Fences, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of a panel of my improved fence, part being broken away, and showing the end of an adjacent panel. Fig. 2 is an end elevation of a panel, parts being broken away. Fig. 3 is a plan view of the adjacent ends of two panels. Fig. 4 is a perspective view of the lower end of a post. Fig. 5 is a perspective view of one of the sills.

My invention relates to improvements in portable fences; and it consists in the peculiar construction and arrangement of the parts, as hereinafter more fully set forth, and pointed out in the claim.

Each panel of the fence is formed of horizontal boards A, attached at one end to a post, B, and at the other end to an end bar, C. The panels may be formed wholly of boards, posts, and end bars; or the top board may be replaced by a barbed or a plain wire, D. The ends of the boards A that are attached to the post B project from two to six inches beyond the said post, and the ends of the boards A that are attached to the end bar, C, are flush with the side of the said bar, except two, which have tenons E formed upon them.

In the posts B, behind the rear ends of the boards A, that have tenons E upon their forward ends, are formed gains F, to receive the tenons E of the adjacent panels, connecting the panels and keeping them in line with each other. The lower end of the post B projects below the lowest or base board A, and has an angular recess, G, formed in its forward edge, making the said end half-dovetailed, as shown in Figs. 2 and 4.

Beneath the rear end of each of the panels A B C is placed a sill or ground-piece, H, in the outer edge of the middle part of which is formed a half-dovetailed recess, I, to receive the half-dovetailed lower end of the post B. The recess I is made longer than the depth of

the half-dovetailed lower end of the post B, so that a key, J, can be driven into the recess I between the straight rear edge of the said post B and the straight end or shoulder of the said recess I. The key J is made wedge-shaped, so that it will force the dovetailed edge G of the post B snugly against the dovetailed shoulder of the recess I, and thus lock the post B securely to the sill H. The wedge-key J is made sixteen inches (more or less) in length, so that it will enter the ground eight or ten inches, as illustrated in Fig. 2, and thus fasten the sill and panel securely in place upon the ground. The panel A B C is secured in an upright position by inclined brace-rods K, the upper ends of which are inserted in inclined holes L, bored in the front and rear edges of the upper part of the post B. The lower ends of the brace-rods K are inserted in inclined holes M, bored in the end parts of the sill H.

From the bottoms of the holes M holes N, of a less diameter, are bored through the sill H, so that any water that may enter the holes M will flow through the holes N into the ground, and will thus be prevented from remaining in the said holes and causing the sill H to rot. The brace-rods K are made of such a length that the weight of the fence will be supported by the said rods, while the wedge-key J keeps the said fence securely in place.

In erecting the fence the post B of the first panel is inserted in the recess I in the first sill, H. The brace-rods K are inserted in the holes L M, and the wedge-key J is driven into the recess I in the rear of the post B. The tenons E of the second panel are inserted in the gains F of the post B of the first panel, and the post B of the said second panel is secured to its sill H in the manner hereinbefore described, and so on until the desired length of fence has been erected.

I am aware that a portable fence provided with a sill having two or more pairs of notches on its upper face, and a dovetailed mortise passing through the sill near its middle, and a post having a dovetailed tenon at its lower end to engage with the dovetailed mortise in the sill, the said post being provided with a tapering passage, a wedge-key through the post, and side braces, is old; and I am also aware that a half-dovetailed slot in a bed-piece or sill, to receive the lower end of a post, and

tenons on the ends of fence-boards, which fit in recesses adapted to receive them, are not new, *per se*, and I therefore lay no claim, broadly, to such constructions, my invention
5 being confined to the peculiar construction and arrangement of parts set forth in the claim.

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

10 A portable fence having its panels each composed of an upright, C, a post, B, detachably secured to a sill, and provided with gains F in one edge, boards A, the upper and lower

ones of which are provided with tenons E at one end, and braces K, the ends of the boards A opposite the tenons being secured to the 15 post B over the gains F, forming, with the gains, mortises in the post for the reception of the tenons E of the adjacent panel, as set forth.

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Witnesses:

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