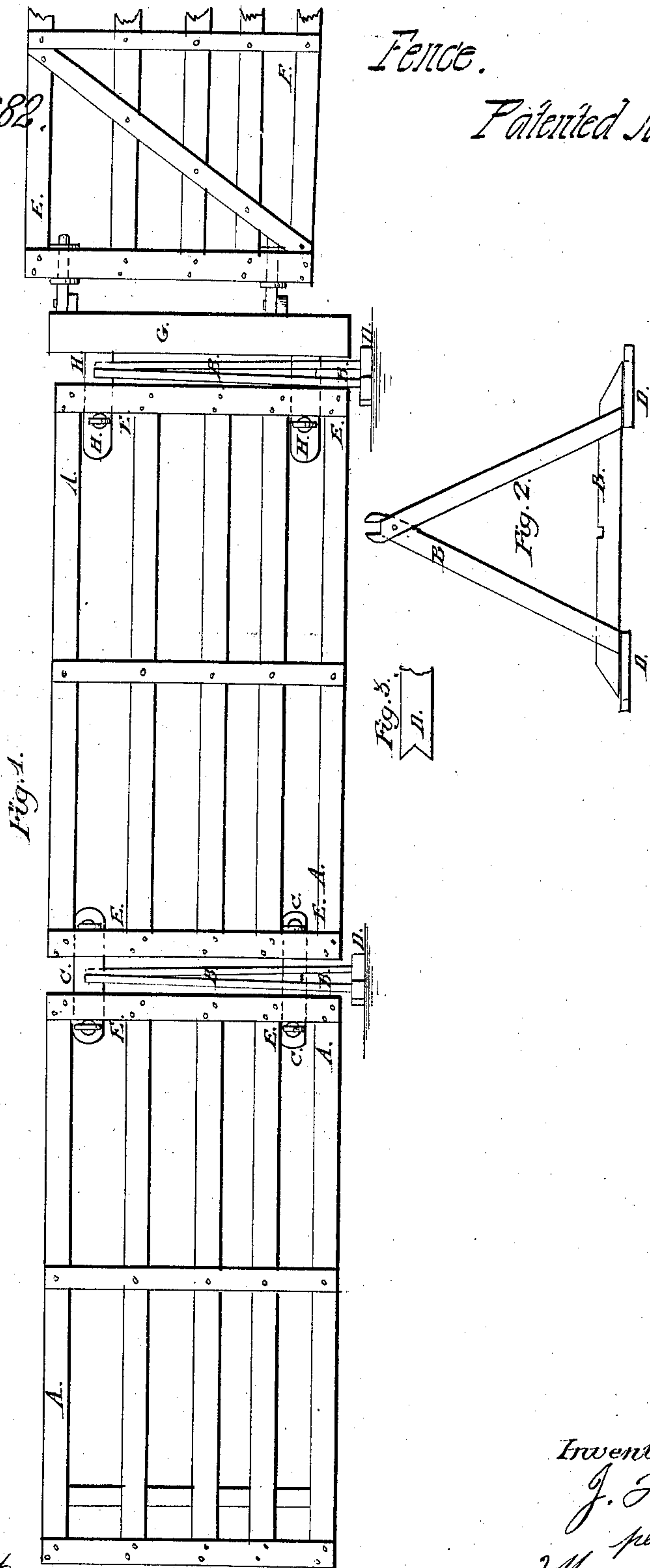


J. Fox,

Fence.

Patented Jan. 11. 1870.

No. 98682.



Witnesses:
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United States Patent Office.

J A C O B F O X , O F B U C Y R U S , O H I O .

Letters Patent No. 98,682, dated January 11, 1870.

IMPROVEMENT IN FENCE.

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, JACOB FOX, of Bucyrus, in the county of Crawford, and State of Ohio, have invented a new and improved Portable Fence; 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.

Figure 1 is a side view of my improved fence.

Figure 2 is a detail side view of one of the yokes, by means of which the panels are supported.

Figure 3 is a top view of one of the blocks, attached to the ends of the base-bar of the yoke.

My invention has for its object to furnish an improved portable fence, which shall be so constructed and arranged that it may be easily erected, taken down, and moved from place to place, and which will stand equally firm upon uneven or hilly and level ground; and

It consists in the construction and combination of the various parts of the fence, as hereinafter more fully described.

A are the panels, which are formed by attaching cross-bars to both sides of the ends and middle parts of longitudinal bars, as shown in figs. 1 and 2, the number of cross-bars attached to the horizontal bars of each panel, depending upon the length of said panel, and the strength required for the fence. If desired, the number of horizontal bars may be lessened, and the number of cross or vertical bars increased, making the fence a paling or picket-fence.

B are the yokes, by means of which the panels are supported free from the ground. The yokes B are each formed of three light bars of wood, connected to each other in the manner shown in fig. 3.

In the lapped upper ends of the side or brace-bars of the yokes is formed a notch, to receive the lower edge of the upper key C, and in the upper edge of the base-bar of the yoke is formed a notch, to receive the lower edge of the lower key C.

When the fence is to stand upon a level, the notch should be in the centre of the base-bar of the yoke, but where the fence is to stand upon an inclined surface, the said notch should be made more or less to one side, according to the steepness of the incline.

When the incline is very steep, the side-bar upon the lower side of the yoke should be made longer than the other side-bar.

To the under side of the ends of the base-bar of the yokes are attached blocks D, to keep the said base-bars from contact with the ground, which blocks, from the pressure of the fence, will sink slightly into the ground, and thus prevent the fence from slipping.

If desired, the blocks D may be set upon stones, bricks, or other supports. In this case, and when the fence stands upon inclined ground, stakes may be driven into the ground at the ends of said blocks or base-bars, to keep the fence from slipping out of place.

For convenience in doing this, the outer ends of the blocks, or of the base-bars of the yokes B, may be notched, as shown in figs. 1, 3, and 4, to receive the said stakes.

The yokes B are placed between the ends of the panels A, and the keys C are adjusted in place, and secured by pins E passed through them, as shown in fig. 1, securely binding the fence together, so that it cannot be blown or pushed over without overturning the whole fence bodily.

By this construction, any panel may be conveniently and quickly removed, to allow a passage through any part of the fence; or a gate, F, may be used where a passage is most frequently required.

The gate F may be made in the same manner as the other panels, except that it may be strengthened by the addition of inclined brace-bars, as shown in fig. 1.

The gate F is connected with the post G by hinges, in the usual manner.

The post G has arms or keys H securely attached to it, which pass through a yoke, B, and the ends of a panel, A, and are secured in place by pins E, in the same manner as the other keys C, as shown in fig. 1, so that both the gate-post G and gate F may be supported free from the ground, in the same manner as the panels A.

Having thus described my invention,

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

A portable fence, formed of panels A, combined with yokes B, keys C, pins E, and blocks D, all constructed and arranged as described.

JACOB FOX.

Witnesses:

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