W. LUCUS.

Farm-Gates.

No. 144,994. Patented Nov. 25, 1873.

Fig. 1.

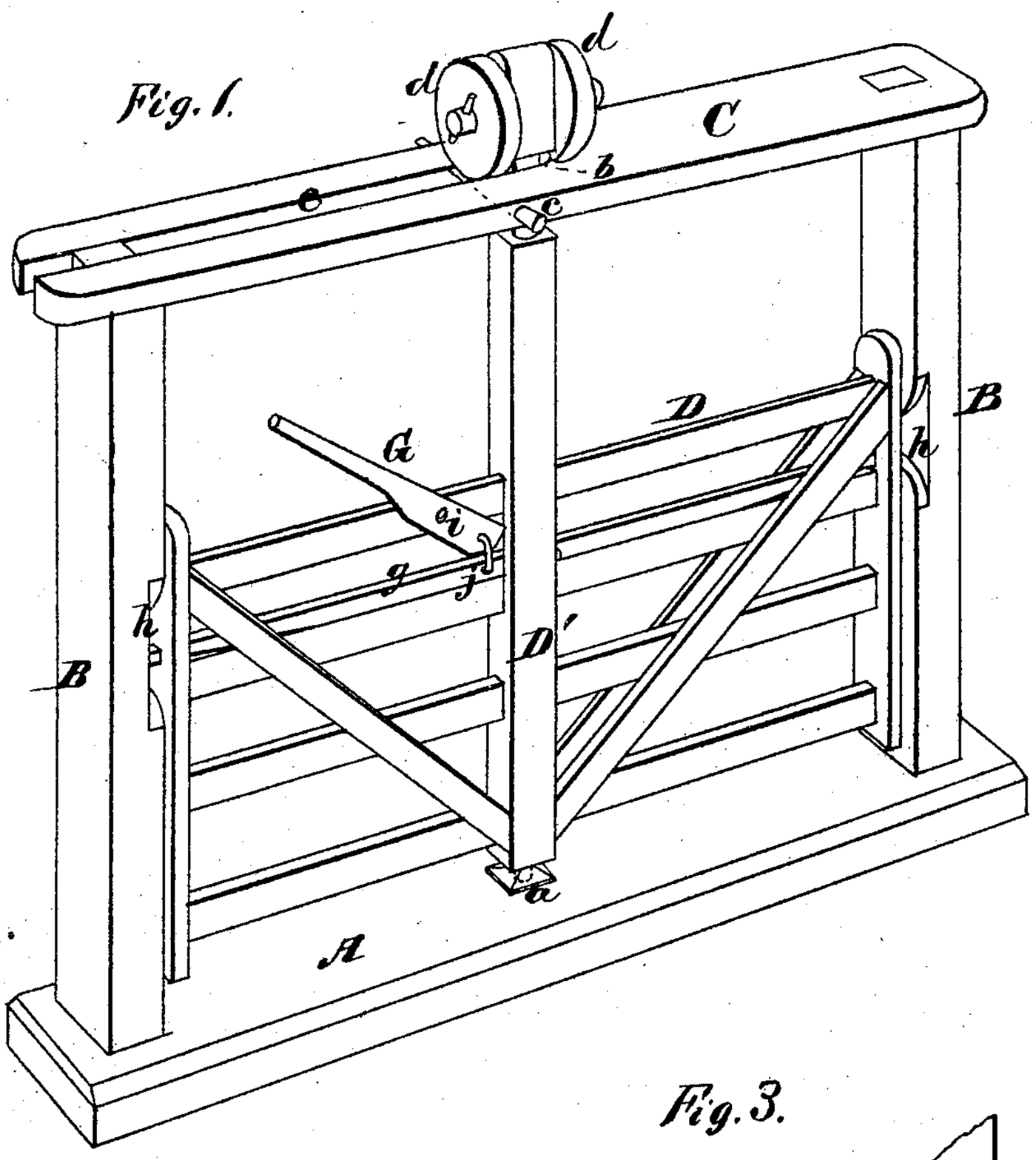


Fig. 2.

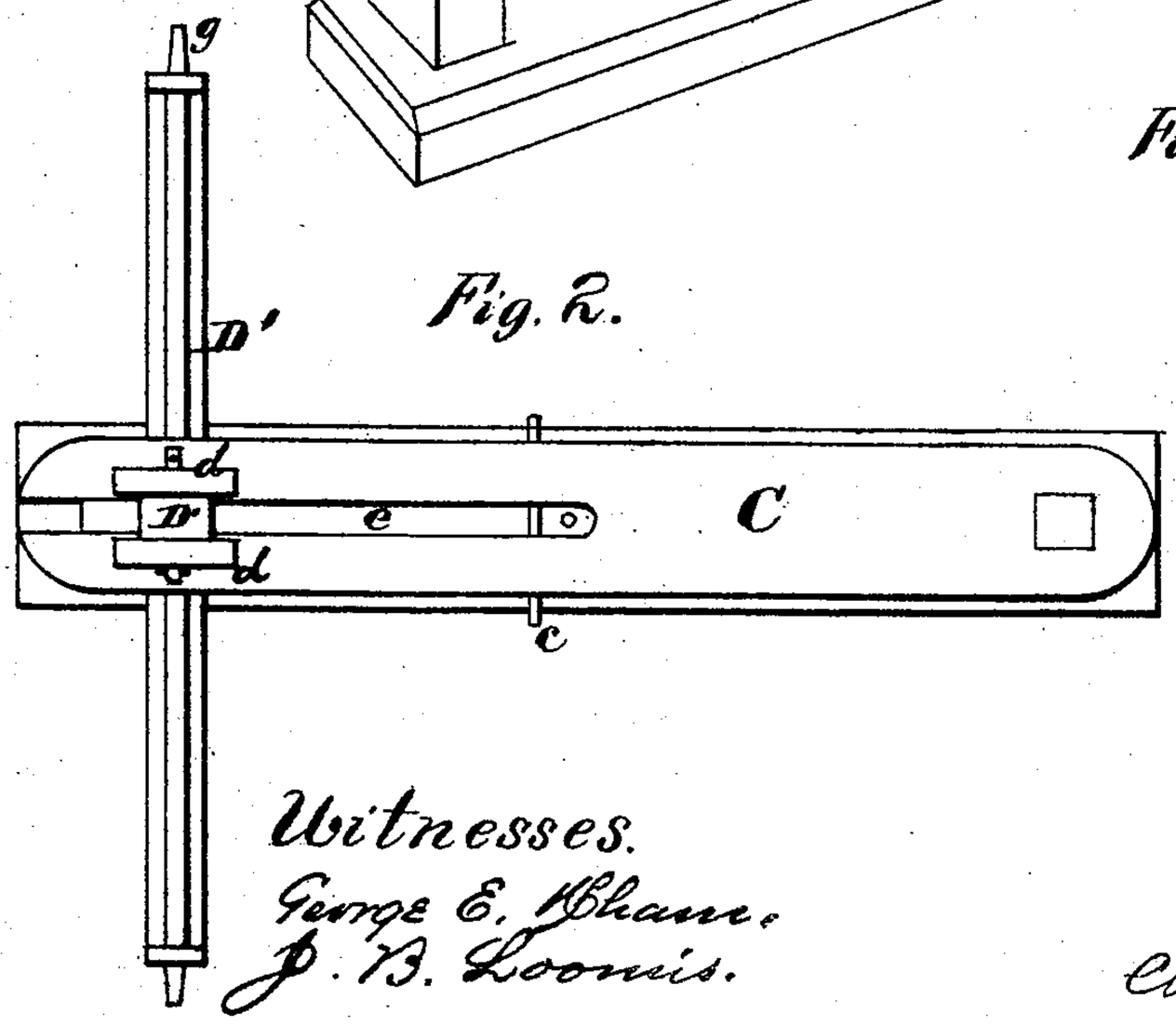
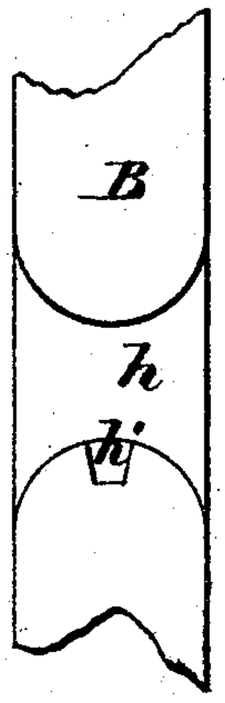


Fig. 3.



Witnesses.
George E. Khane.
J. B. Loomis.

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UNITED STATES PATENT OFFICE.

WILLIAM LUCUS, OF OLIVE GREEN, OHIO.

IMPROVEMENT IN FARM-GATES.

Specification forming part of Letters Patent No. **144,994**, dated November 25, 1873; application filed October 4, 1873.

To all whom it may concern:

Be it known that I, WILLIAM LUCUS, of Olive Green, in the county of Noble and State of Ohio, have invented a new and valuable Improvement in Gates; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of my gate. Figs. 2 and 3 are detail views of the same.

This invention relates to gates which have central turning posts, and which open and shut by turning them about the axes of the posts. It consists in suspending such gates from a longitudinally-slotted overhanging beam by means of rollers, in such manner that the gates can be opened and shut freely, and also be moved to one side of the gateway when it is desired to drive a wagon, as will be hereinafter explained.

The following is a description of my improvement.

In the annexed drawings, A represents the foundation of the frame-work, which is erected over the gateway. This frame-work consists of two uprights, B B, arranged at a proper distance apart, and connected together at their upper ends by means of a horizontal beam, C, one-half of the length of which is slotted, as shown at *e*. D represents a horizontally-turning gate, and D′ the vertical central post thereof. The lower end of this post D′ is stepped into a block, *a*, which is sunk into the ground between the two uprights B B; and near the upper end of the post D′ a neck, *b*, is formed, which is received into the slot *e*, through the beam C, and which is held in place by means of a removable pin, *c*. Above the beam C two rollers, *d d*, are applied to the post D′, by means of which the gate is sustained upon said beam, and allowed to turn with very little friction. The reduced portion or neck *b* of post D′ is of such length as will allow the gate to be raised bodily and sufficiently high to free its lower end from the step-block *a*. When this is done and the pin *c* is removed, the gate can be easily rolled to one side of the gateway to allow of the passage of wagons.

When the gate is shut, it will be latched by means of a bar, *g*, the ends of which pass into recesses *h*, and drop into notches *h′*, made in the two uprights B B. G designates a hand-lever, which is pivoted at *i* to the top rail of the gate, and connected by a link, *j*, to the latch-bar *g*. By pressing on the longest arm of lever G, both ends of the bar *g* will be freed from the uprights B, and the gate can be opened.

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

The horizontally-turning gate D, suspended from an overhead beam, C, by means of rollers *d d*, in combination with the slot *e*, substantially as and for the purposes described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM LUCUS.

Witnesses:

P. M. WALTERS,

JONAH WALTERS.