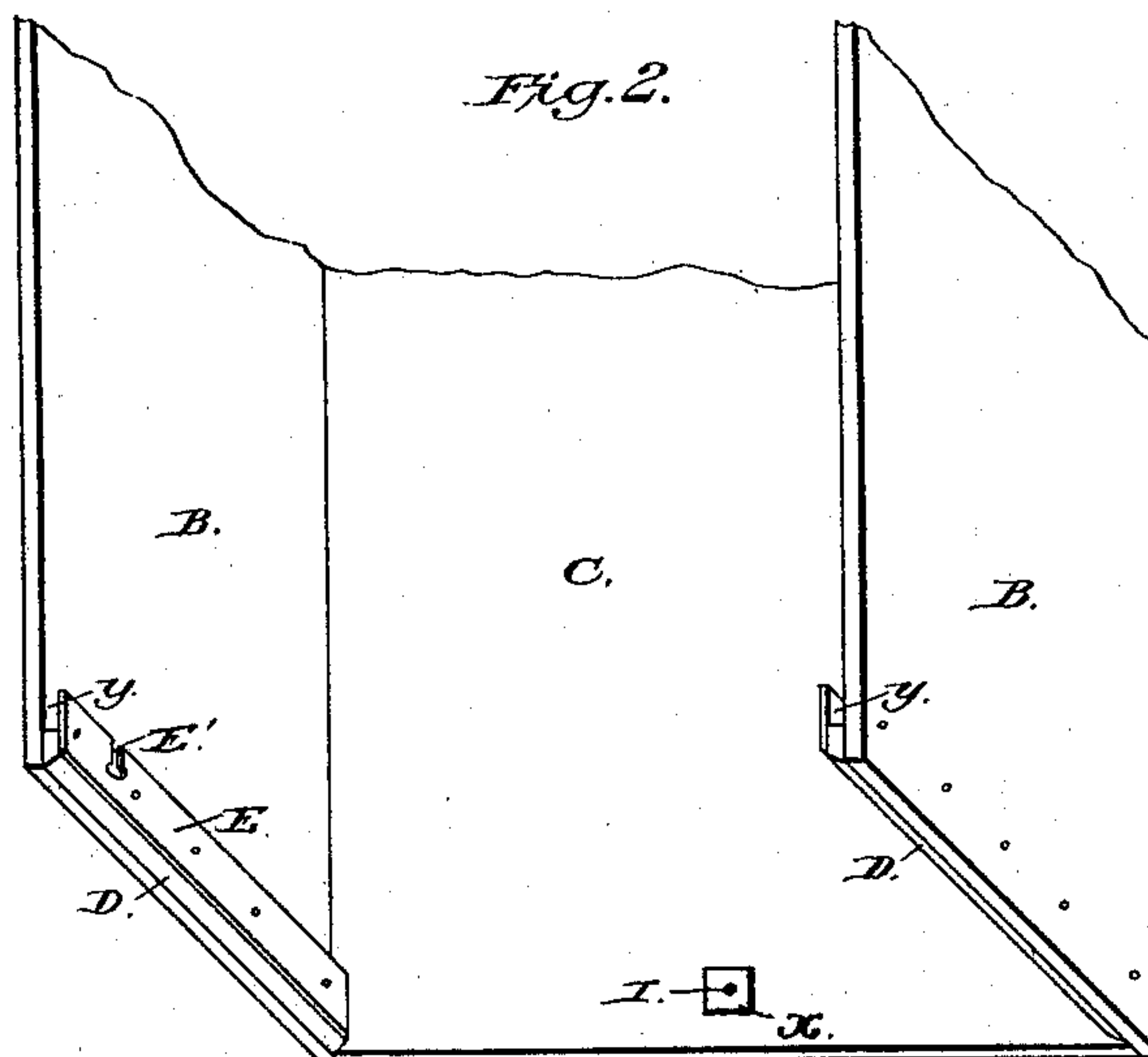
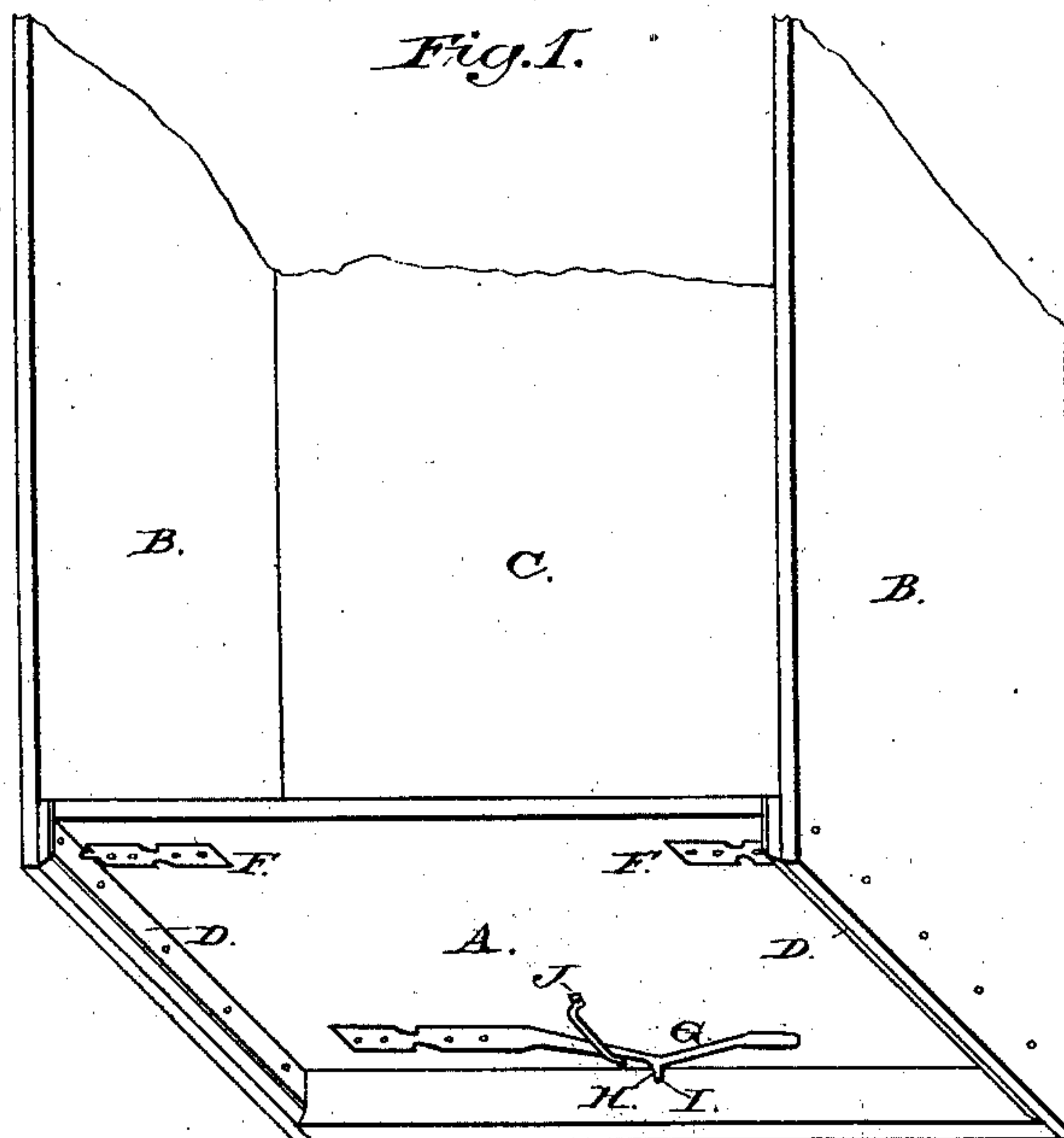


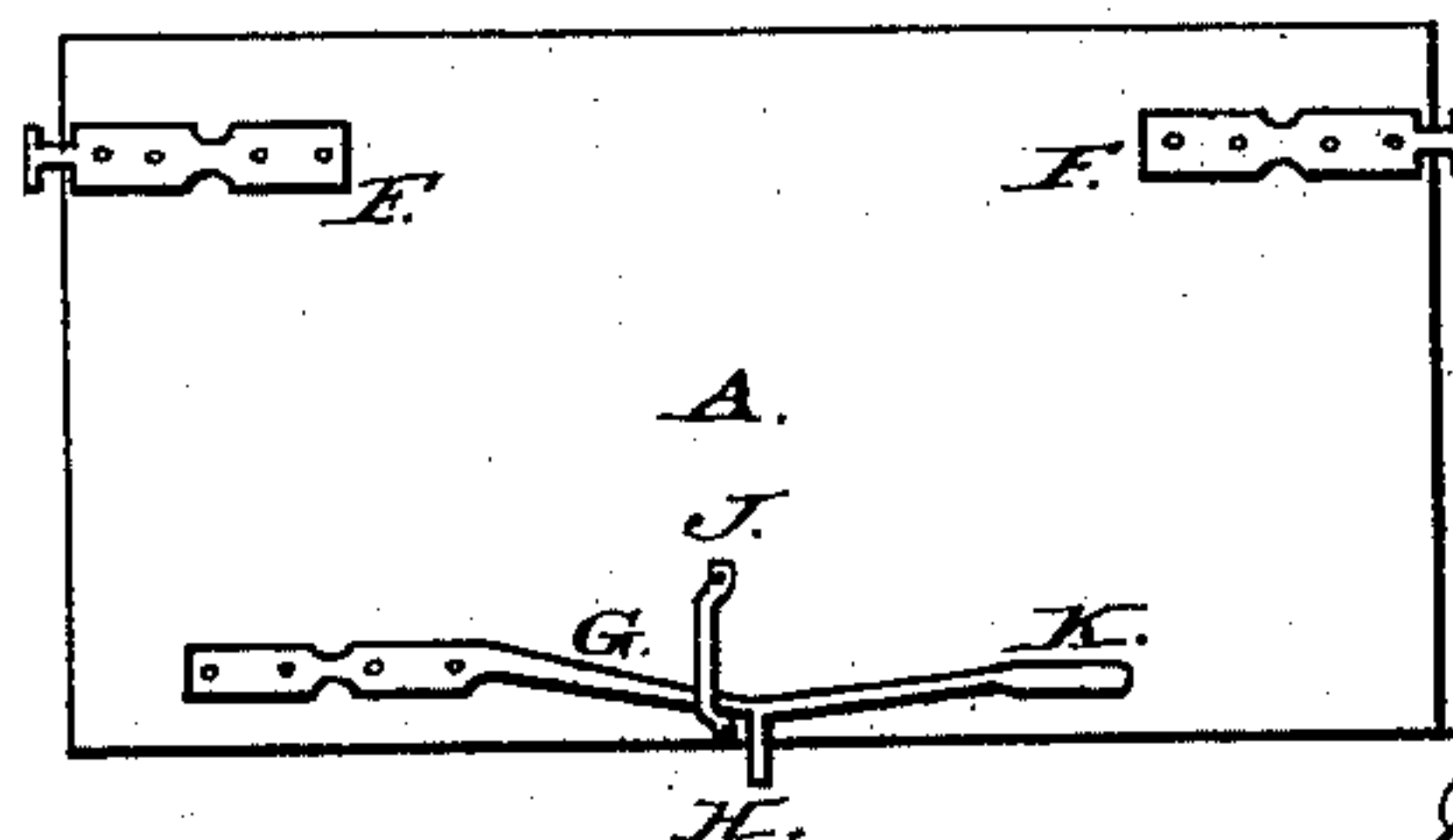
G. W. FREEMAN & P. LOUGH.  
End-Gate for Wagons.

No. 218,957.

Patented Aug. 26, 1879.



*Fig. 3.*



WITNESSES

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ATTORNEY*

# UNITED STATES PATENT OFFICE.

GEORGE W. FREEMAN AND PLEASANT LOUGH, OF FRANKFORT, INDIANA.

## IMPROVEMENT IN END-GATES FOR WAGONS.

Specification forming part of Letters Patent No. **218,957**, dated August 26, 1879; application filed December 31, 1878.

*To all whom it may concern:*

Be it known that we, GEORGE W. FREEMAN and PLEASANT LOUGH, of Frankfort, in the county of Clinton and State of Indiana, have invented a new and useful Improvement in Tail-Boards of Wagon-Beds, of which the following is a specification.

This invention has relation to improvements in tail-boards for wagons or vehicles; and the nature of the invention consists in the construction and novel arrangement of parts, as hereinafter shown and described.

In the accompanying drawings, Figure 1 is a perspective view of the rear end of the wagon-body with the tail-board in place. Fig. 2 is a similar view with the tail-board removed. Fig. 3 is a detached view of the tail-board.

In the drawings, the letter C represents the bottom of a wagon or vehicle, and B B the sides thereof. At the rear ends of said sides are provided cleats D, of wood or other material, having recesses *y* at their upper ends.

The letter E represents metallic wear-plates secured to the cleats, and provided with key-hole slots E' opposite the recesses *y* in the cleats.

The letter A indicates the tail-board of the wagon, which is provided at or near its upper corners with transverse-headed hinge-plates F, which are adapted to enter the key-hole slots E' when the tail-board is held in a horizontal position, and which become locked in said plates when the tail-board is turned down into a vertical position.

The letter G indicates a spring having on its under side a pin or projection, H, and a handle, K, to operate the said spring, which is secured to the tail-board by means of bolts

or otherwise. J represents a guide to regulate the movement of the spring.

The letter *x* represents a plate recessed into the bottom of the wagon-body, and having a perforation, I, adapted to receive the pin or projection H of the spring G and lock the board in place when it is thrown into a vertical position.

To remove the tail-board, raise the spring G by the handle K, which removes the pin H from the perforation I; then, drawing the gate toward you, the bottom swings rearwardly on the attachments connected to the plates F, revolving in the key-hole slots E'. The gate is then raised to a horizontal position, and by pushing from you, the attachments on said plate are caused to slide out of the key-hole slots, and the gate may be removed.

Having described our invention, what we claim, and desire to secure by Letters Patent, is—

The combination, with a wagon-body having a perforated central plate, *x*, recessed into its bottom, the end cleats, D, having recesses *y* at their upper ends, and the wear-plates E, secured to said cleats, and provided with open-ended key-hole slots E' at said recesses *y*, of the gate A, having headed hinge-plates F, the transverse spring-catch G, provided with the handle K, and center-pin H, adapted to engage the plate *x*, substantially as specified.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

GEORGE W. FREEMAN.  
PLEASANT LOUGH.

Witnesses:

HENRY Y. MORRISON,  
JAMES R. BROWN.