

**No. 626,119.**

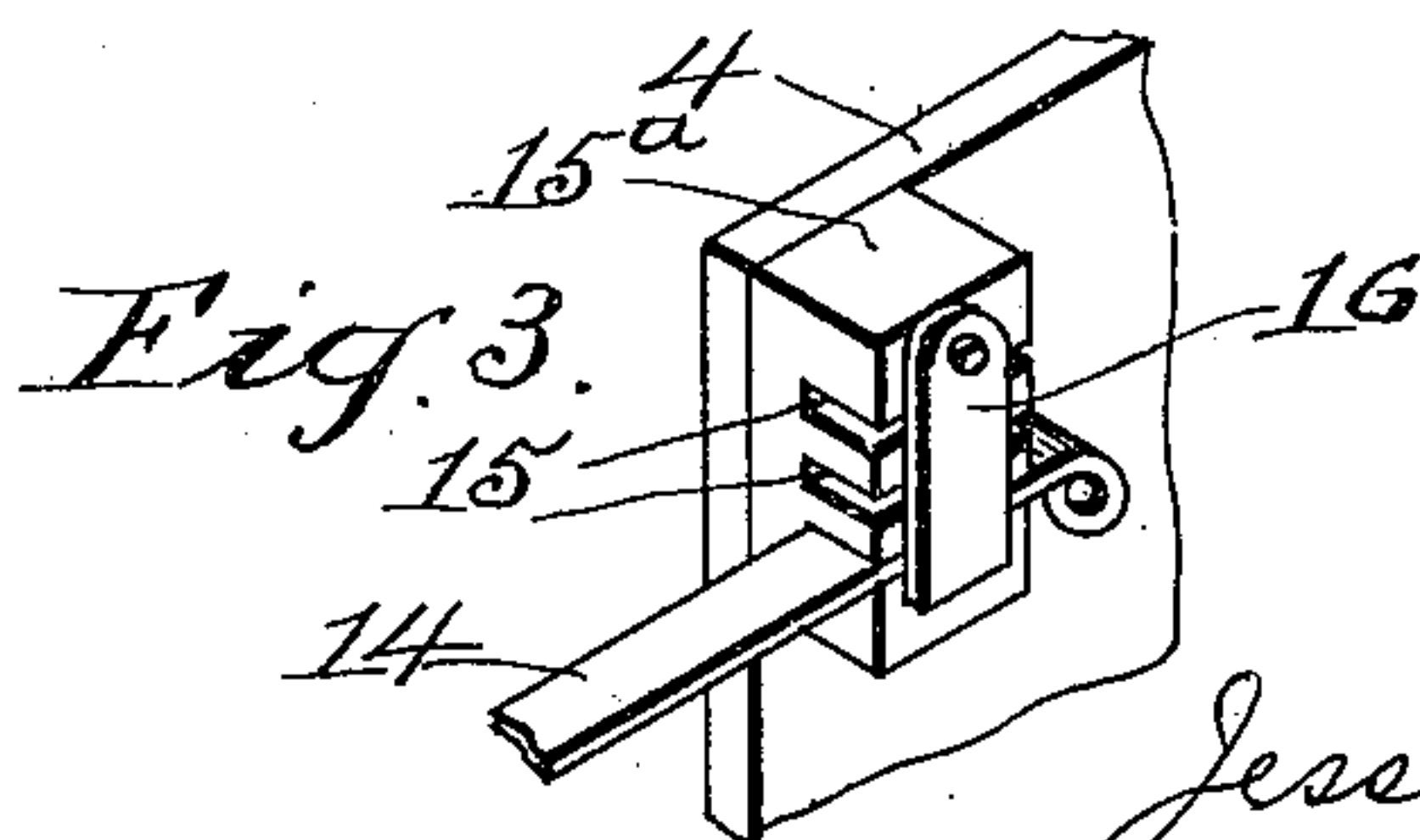
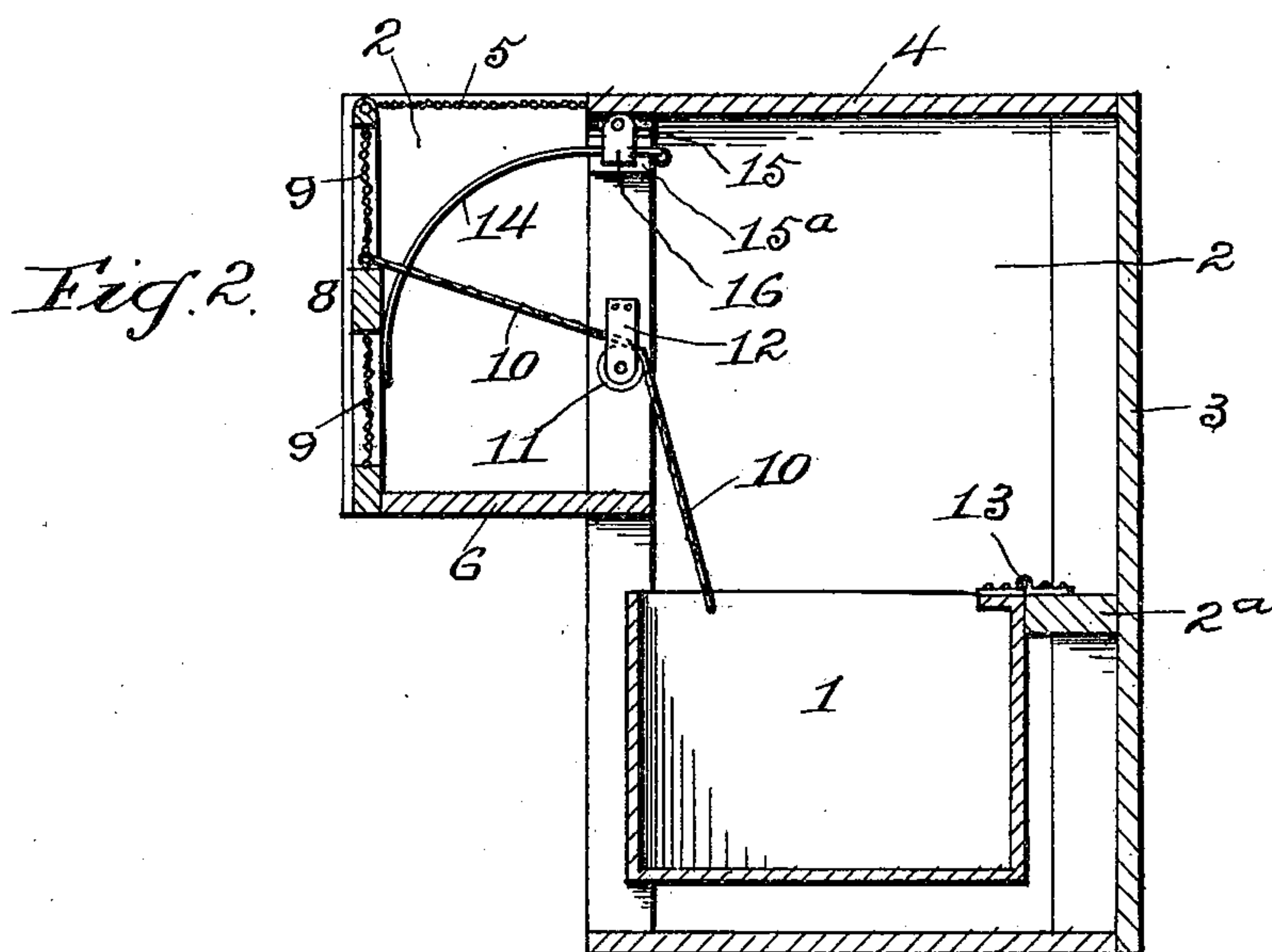
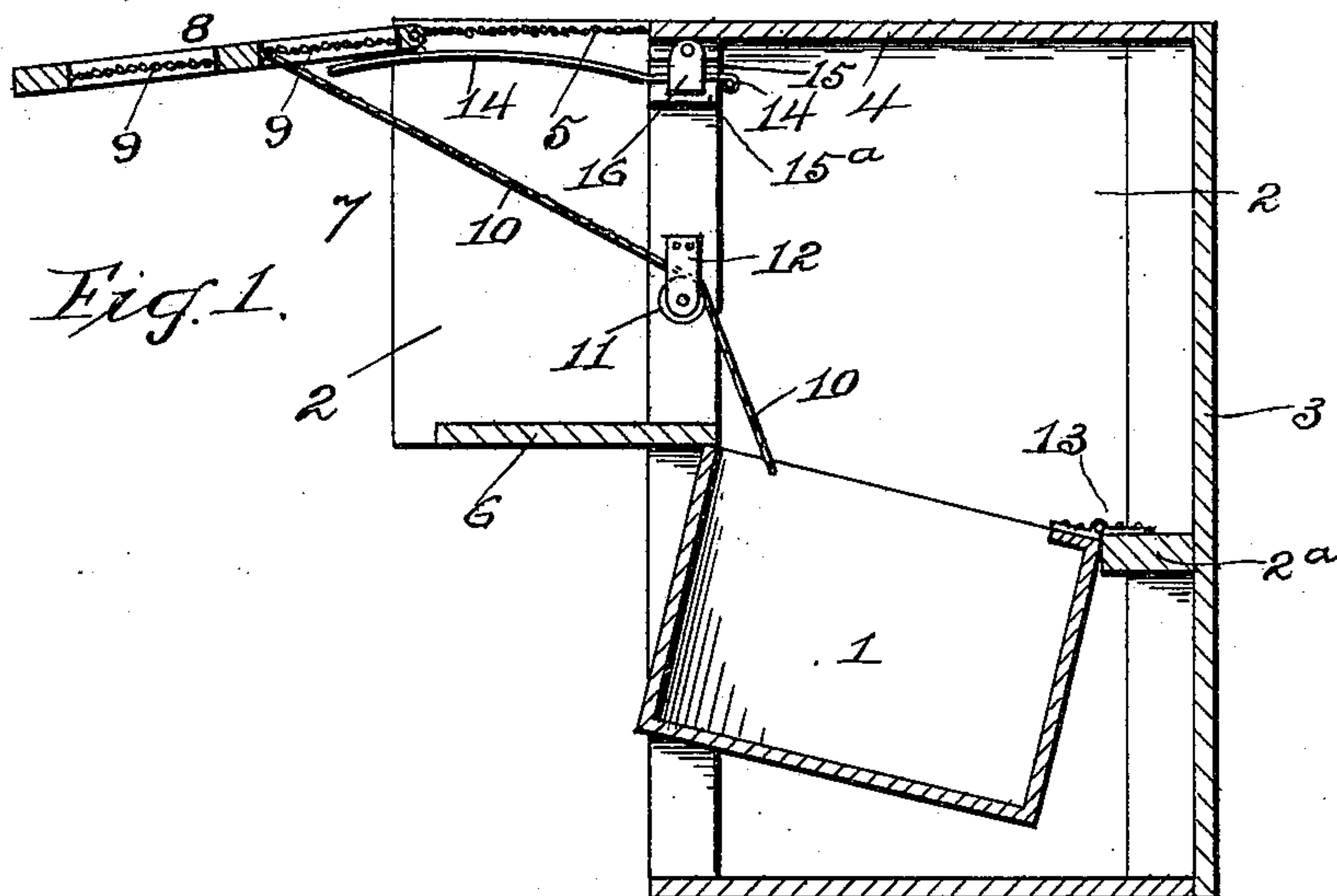
**Patented May 30, 1899.**

**J. B. WILLIAMS.**

## HEN'S NEST.

(Application filed Nov. 17, 1898.)

(No Model.)



Witnesses.

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Inventor.

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# UNITED STATES PATENT OFFICE.

JESSE B. WILLIAMS, OF ALUM BANK, PENNSYLVANIA.

## HEN'S NEST.

SPECIFICATION forming part of Letters Patent No. 626,119, dated May 30, 1899.

Application filed November 17, 1898. Serial No. 696,664. (No model.)

*To all whom it may concern:*

Be it known that I, JESSE B. WILLIAMS, a citizen of the United States, residing at Alum Bank, in the county of Bedford and State of Pennsylvania, have invented certain new and useful Improvements in Hens' Nests, of which the following is a specification.

This invention relates to poultry culture, and particularly to an improved hen's nest.

The object of the invention is to provide an improved hen's nest having novel and peculiar means applied whereby the door is operated by the occupant of the nest.

The invention consists in the novel construction and arrangement of parts.

In the accompanying drawings, forming part of this application, Figure 1 is a sectional view with the door open. Fig. 2 is a like view with the door closed. Fig. 3 is a perspective view of the spring and its block.

The same numeral references denote the same parts in the figures of the drawings.

The housing or closure for the hen's nest or box 1 consists of closed sides 2, closed back 3, and a partially-closed top 4, the other part of said top being covered with gauze 5. The lower front of the closure is open below the platform 6, which projects inward from the doorway 7. The door 8 is pivotally hung from the top of the doorway, has a covering of gauze 9, and is closed by the weight of a hen occupying the nest or box 1, which operates a cord 10, running over a pulley 11, journaled in a hanger 12, secured to the side of the closure, one end of said cord being attached to the front end of the box 1 and the other end secured to the door, the box being

hinged at 13 in the rear to a projection 2<sup>a</sup> of the back of the closure and said front end of the box working under the platform 6, which forms a stop for the upward movement of the box when unoccupied.

The means for opening the door and holding it so when the nest or box 1 is unoccupied consists of a plate-spring 14, having one end secured in one of a series of slots 15 in a block 15<sup>a</sup> and the other end bearing against the door. The series of slots is provided so that the spring may be adjusted to have a greater or less tension on the door, as desired, and the button 16 is provided to hold the spring in place.

It is obvious that when the box is depressed the cord will hold the door closed and the spring retracted, and when the box is raised the spring is permitted to expand and open the door.

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

The combination, with a suitable housing, the nest hinged therein, the swinging door, and the cord connecting the nest with the door, of the block having a series of slots and secured to the housing, the plate-spring having one end in one of the slots, and the other end engaging the door, and the button for holding the spring in the slot.

In witness whereof I hereunto set my hand in the presence of two witnesses.

JESSE B. WILLIAMS.

Witnesses:

ALLIE MCGREGOR,  
M. A. MCGREGOR.