

No. 623,001.

W. V. EVANS.
FEED BOX.

Patented Apr. 11, 1899.

(Application filed May 27, 1898.)

(No Model.)

2 Sheets—Sheet 1.

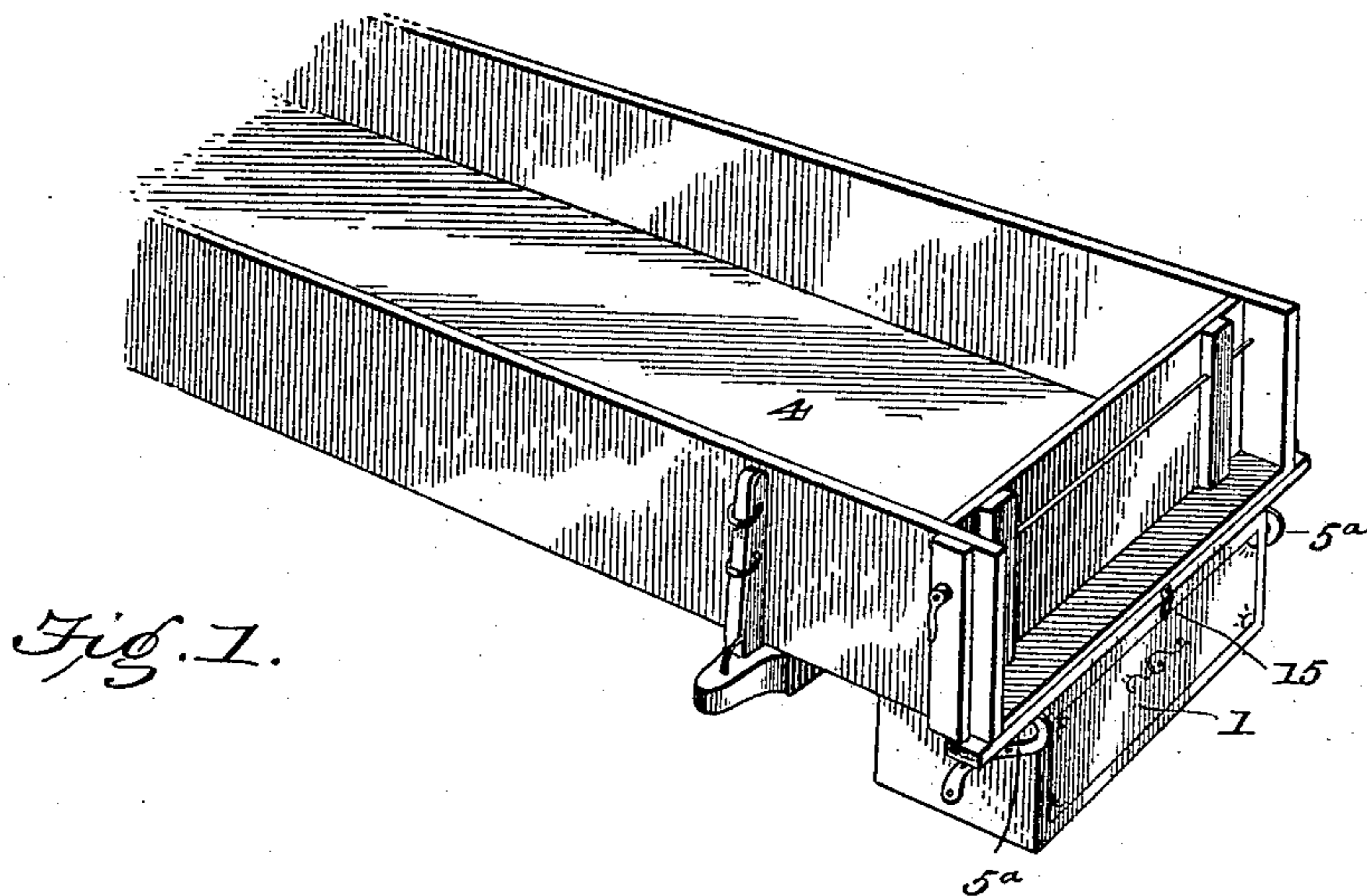


Fig. 1.

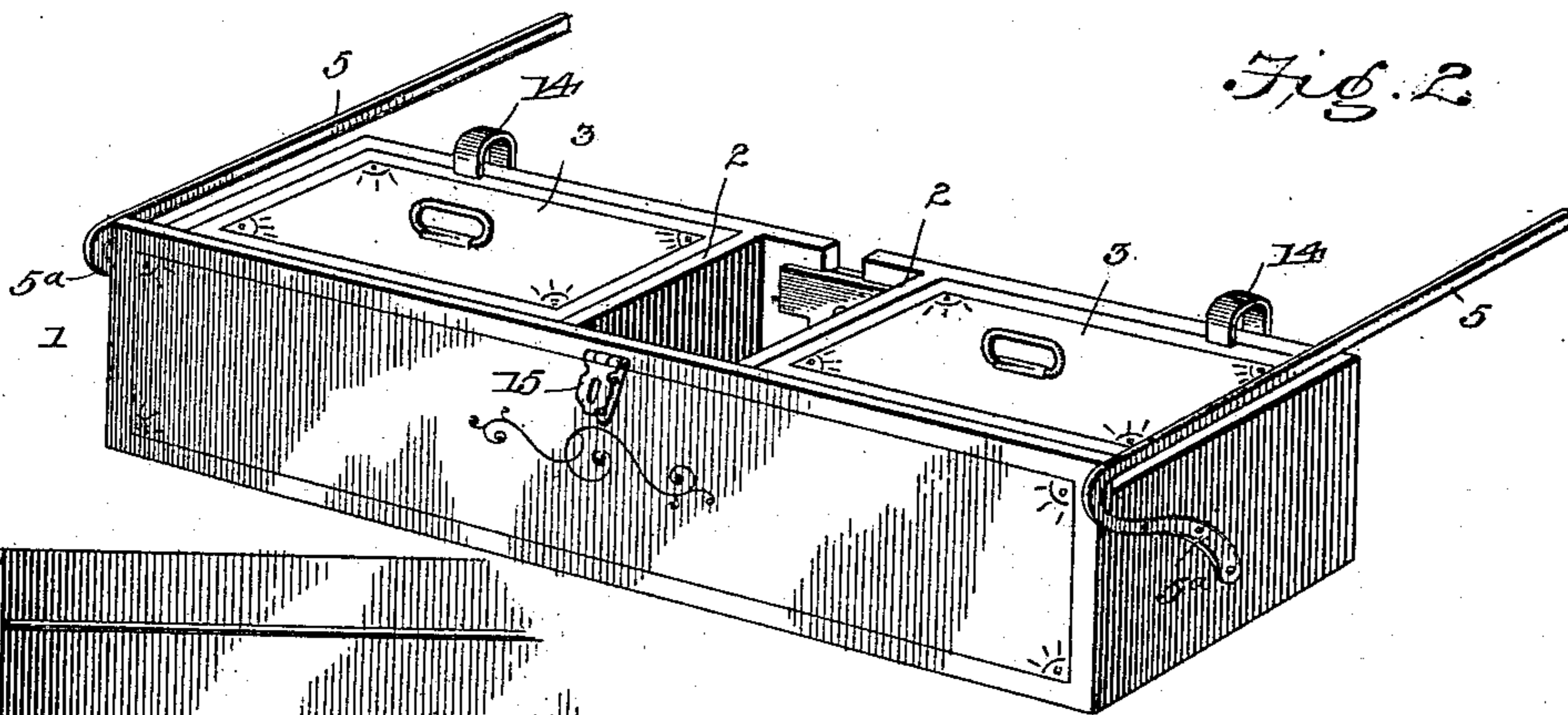


Fig. 2.

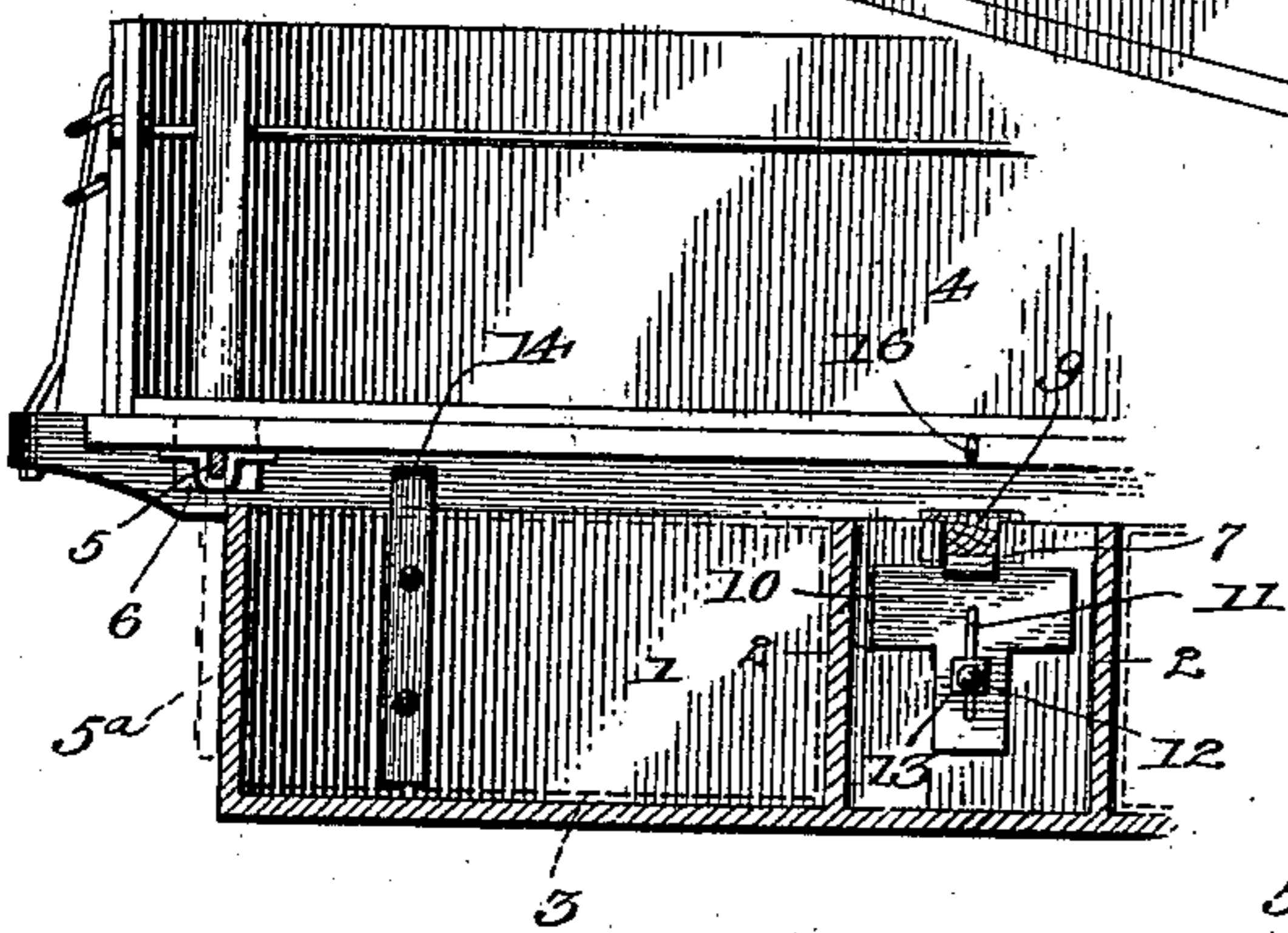
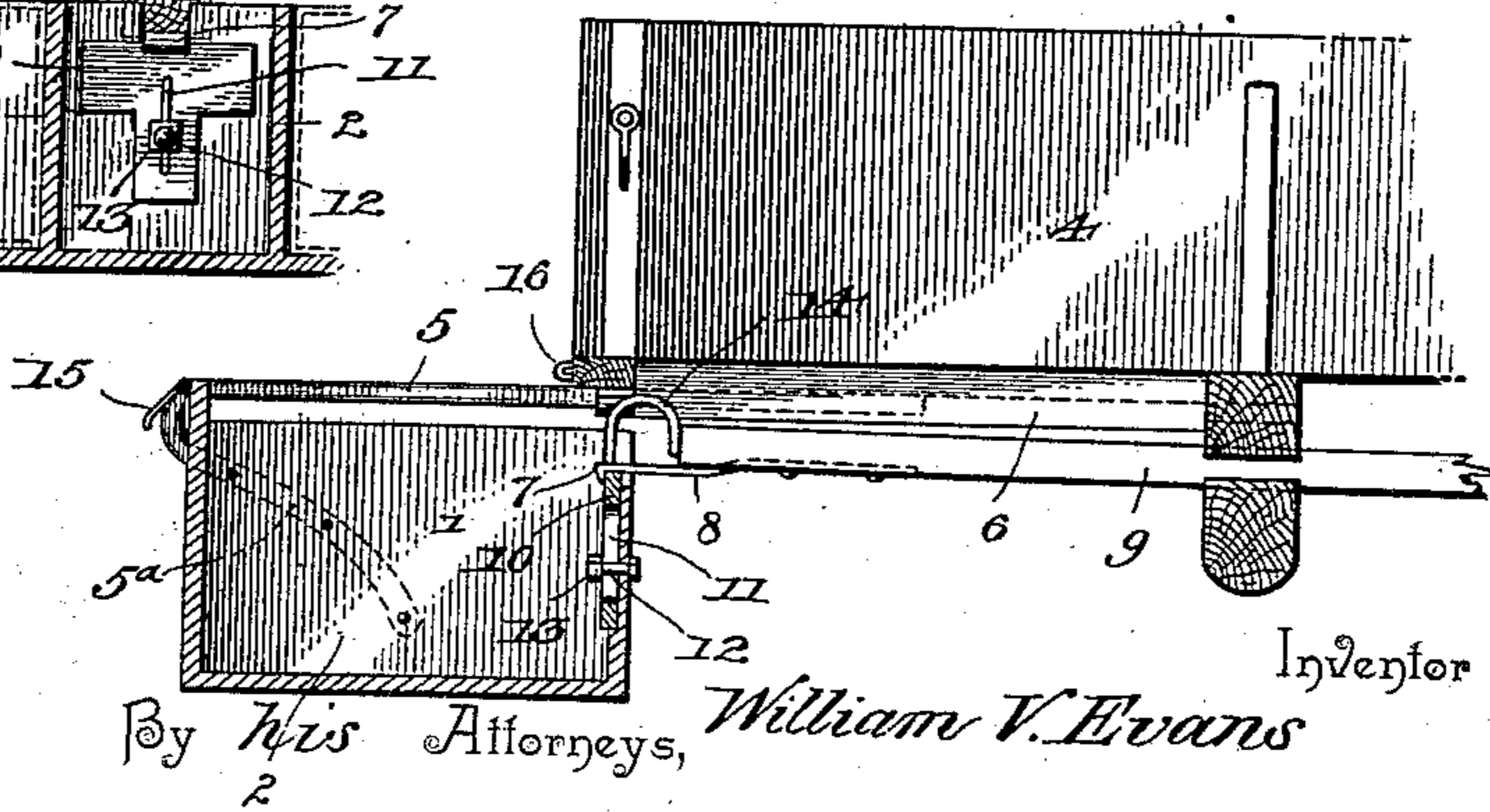


Fig. 3.

Fig. 5.



Witnesses

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2 Sheets—Sheet 2.

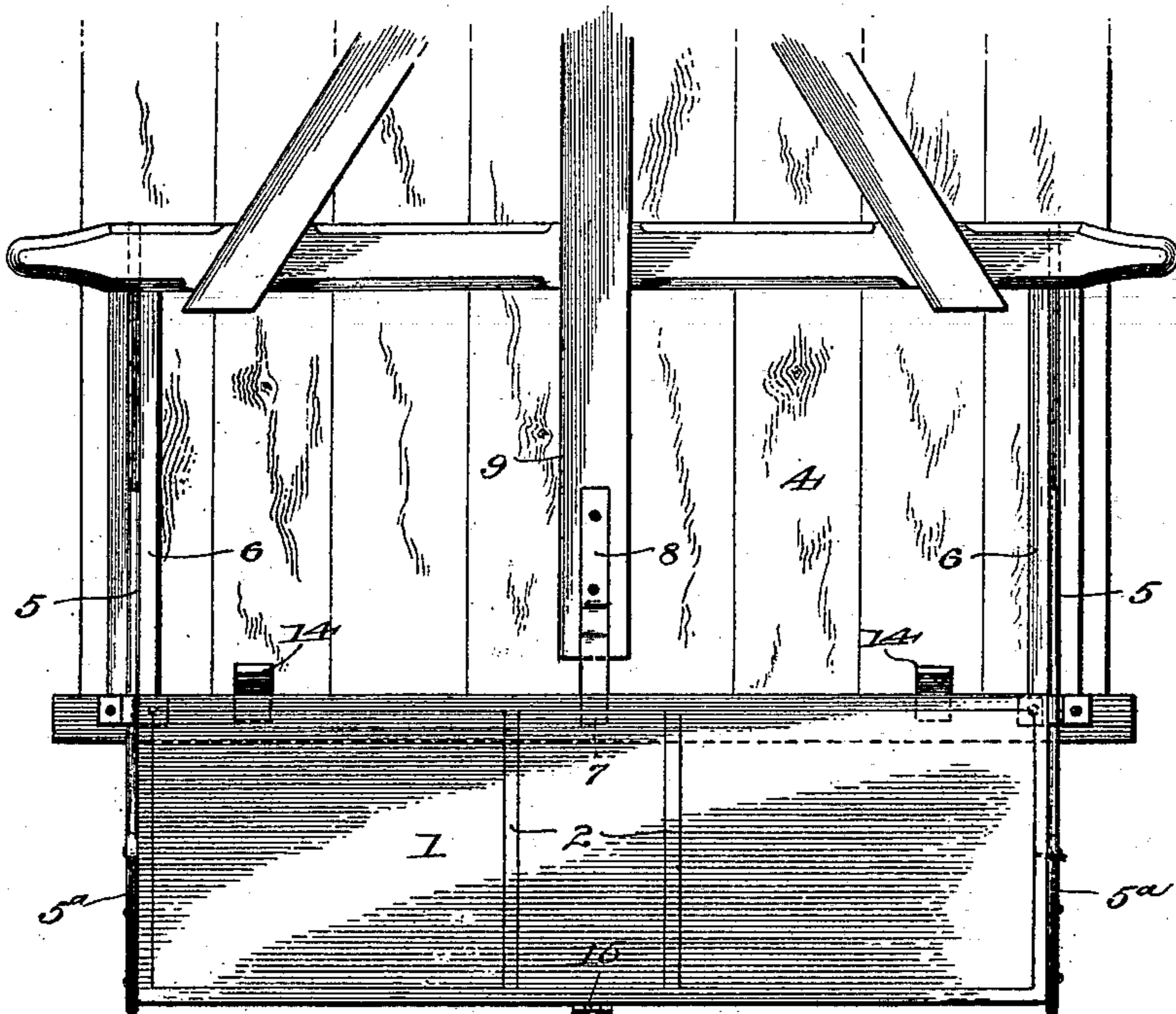


Fig. 4.

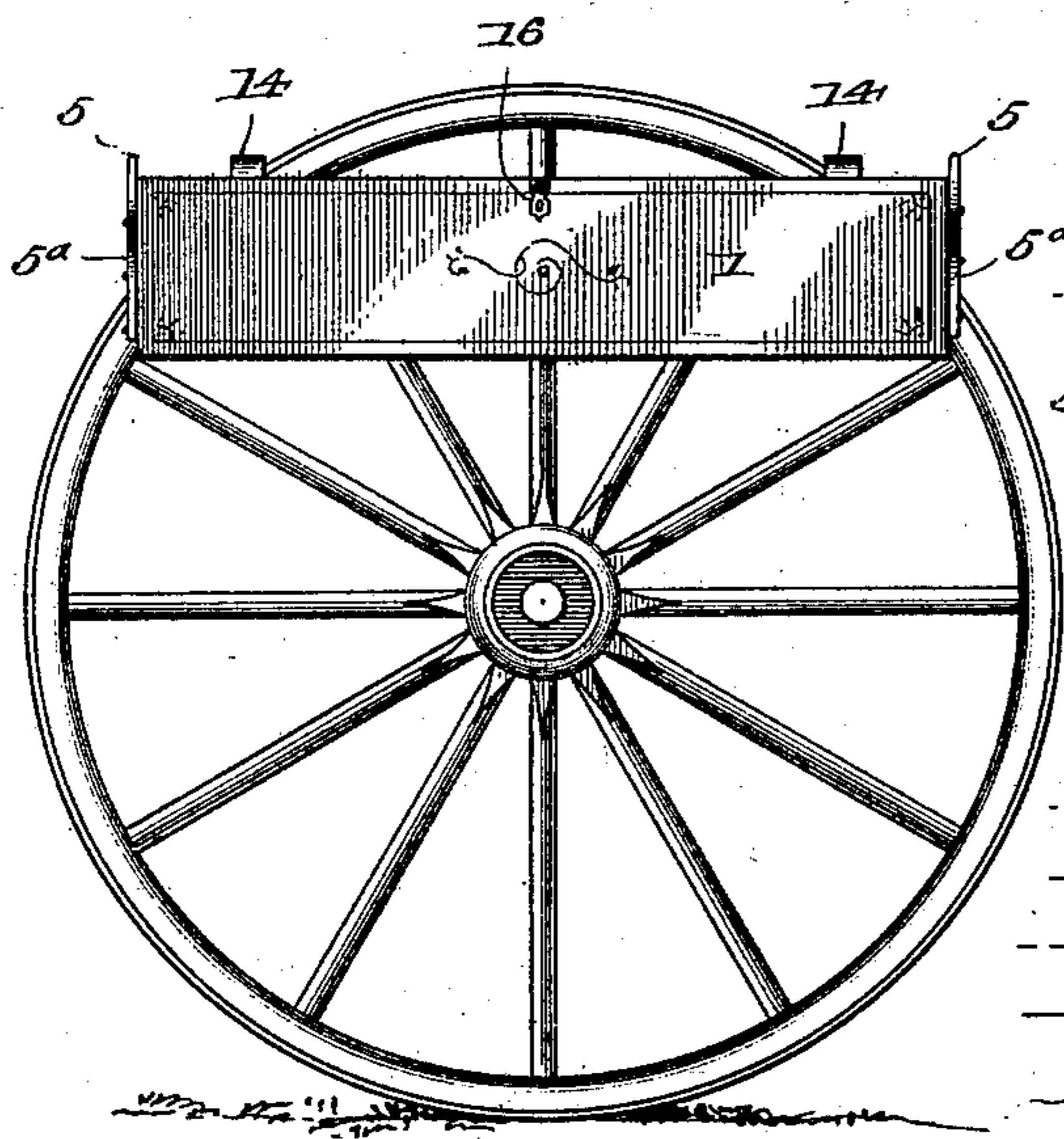


Fig. 6.

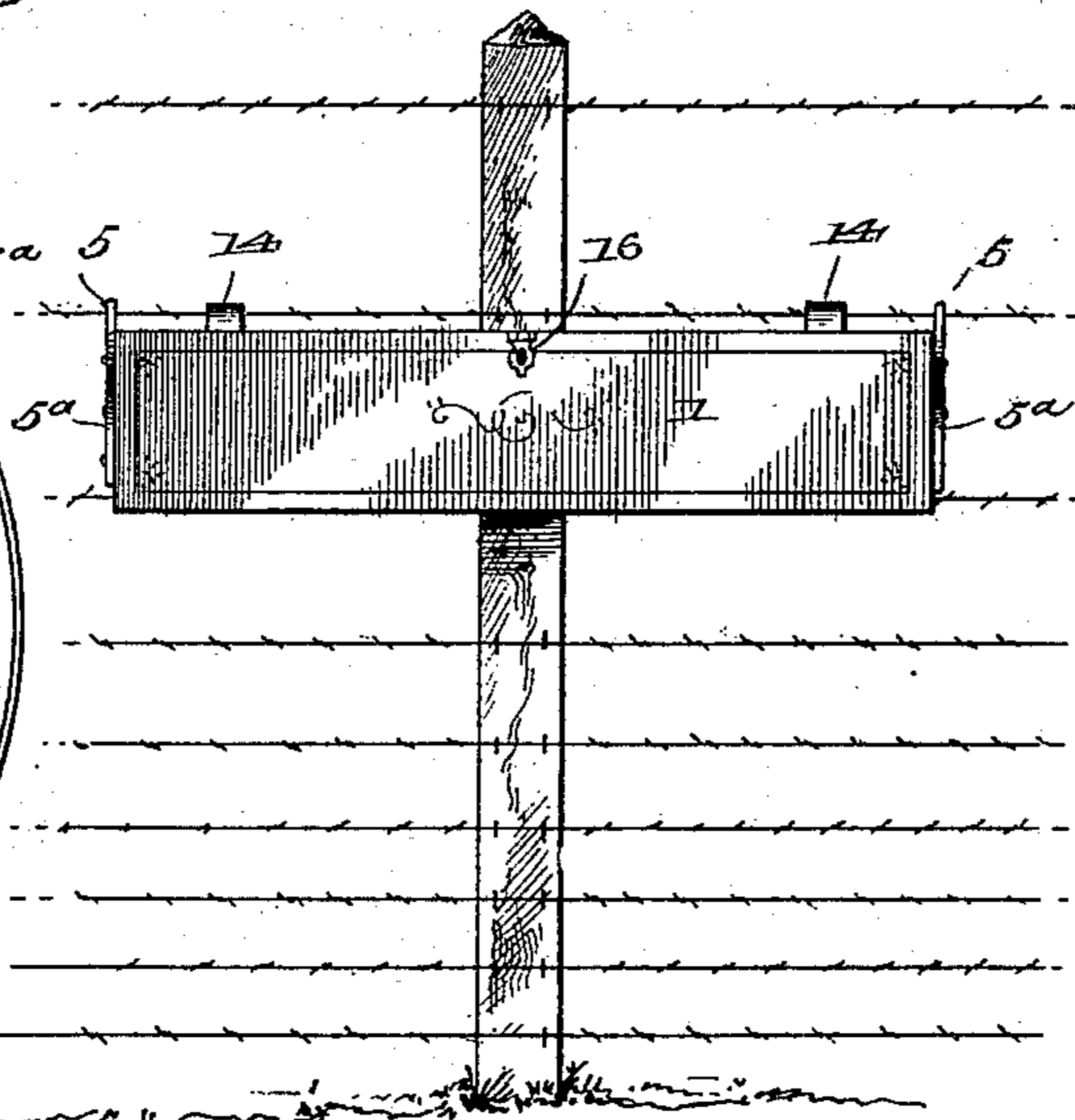


Fig. 7.

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM V. EVANS, OF DIXIE, INDIAN TERRITORY.

FEED-BOX.

SPECIFICATION forming part of Letters Patent No. 623,001, dated April 11, 1899.

Application filed May 27, 1898. Serial No. 681,908. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM V. EVANS, a citizen of the United States, residing at Dixie, in the Chickasaw Nation, Indian Territory, have invented a new and useful Feed-Box, of which the following is a specification.

My invention relates to feed-boxes; and the object in view is to provide a simple and efficient receptacle having means whereby it may be suspended and securely fastened beneath the bed of a wagon of any selected construction, and whereby to expose its contents it may be readily drawn out, and also to provide means for preventing the accidental displacement of the receptacle while allowing it to be wholly detached from the vehicle when by reason of the projection of a portion of the load of the wagon beyond its end-gate it is desirable to support the receptacle from another object, such as a wheel of the vehicle or a fence.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a receptacle embodying my invention applied in the operative position to the rear end of a vehicle-body. Fig. 2 is a perspective view of the receptacle detached. Fig. 3 is a longitudinal section of the receptacle and the contiguous portions of the vehicle-body to show the manner of mounting the same. Fig. 4 is an inverted plan view of the same. Fig. 5 is a partial transverse section. Fig. 6 is a view of the receptacle as seen when applied to a vehicle-wheel. Fig. 7 is a similar view showing the device suspended from a fence.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The interior construction of the box 1, forming the body portion of the receptacle embodying my invention, may be varied to suit the different purposes for which the receptacle is to be used, as it is obvious that when designed for use simply as a feed-box for stock or draft-animals the interior thereof may be unobstructed; but in the drawings I have shown the interior of the receptacle di-

vided by partitions 2 to form a central compartment designed as a tool-box to receive such articles as a currycomb, brush, axle-grease, &c., while the larger terminal compartments are designed for sheet-metal lunch-boxes 3, removably fitted therein and adapted to contain victuals for teamsters, hucksters, fishermen, picnic-parties, &c.

Secured to the terminals of the receptacle (which is preferably arranged transversely of the vehicle-body 4) are slide-rods 5, of which the horizontal arms extend forwardly slightly above the plane of the upper edge of the receptacle and fit in guides 6, consisting of cleats or the equivalent thereof secured to the under side of the wagon bed or body. Said slide-arms extend in front of the front wall of the receptacle, whereby when said front wall of the receptacle is in or slightly in rear of the plane of the wagon-bed there is sufficient engagement of the slide-arms with the guides to support the receptacle in its operative position. The rearward-sliding movement of the receptacle is limited by a stop 7, consisting of the shouldered extremities of a latch 8, preferably secured to the rear end of the reach-pole 9 and disposed to engage the front wall of the receptacle. Obviously the receptacle may be dismounted by disengaging said latch therefrom. Also in order that the proper engagement of the latch may be assured I employ a catch-plate 10, mounted for vertical adjustment upon the front wall of the receptacle and having a slot 11 engaged by a bolt 12. This catch-plate may be extended to a greater or less distance above the edge of the front wall of the receptacle to locate it so as to strike the shoulder of the latch when the receptacle is drawn out or is extended to the limit of its preferred movement. This catch-plate is secured at the desired adjustment by means of a nut 13, which is threaded upon said bolt.

The brackets 5^a, by which the slide-arms 5 are secured to the extremities of the receptacle, extend rearwardly to the outer wall of the receptacle, and from the plane of said outer wall the slide-arms extend forwardly to and beyond the inner or front wall of the receptacle, as above described, whereby the slide-arms constitute terminal handles by which the receptacle may be carried when de-

attached from the vehicle-body, and when it is desired to use the receptacle while detached it may be suspended upon an adjacent object, such as a wheel of the vehicle or a fence, for which purpose it is provided with suspending-hooks 14, attached to and extending in front of the front wall. When in place under the wagon-body, the receptacle is adapted to be secured against displacement by a suitable locking device including a hasp 15 for engagement with a staple 16 on the rear edge of the floor of the wagon bed or body.

From the above description it will be seen that the receptacle is arranged with relation to the wagon-bed so as to protect its contents from rain or other falling objects, and, furthermore, the receptacle is so positioned as to be out of the way and not interfere with the other functions of the vehicle.

If the device embodying my invention is used in connection with lumber-wagons, from which the contents usually project rearwardly beyond the end of the bed, the receptacle does not interfere with the loading, and when it is desired to gain access to the interior of the receptacle the latter may be displaced by sliding it rearwardly and disengaging the latch from the front wall thereof.

It is obvious that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. The combination with a vehicle-bed provided upon its bottom with parallel guides, of a receptacle provided above the plane of its upper edges with parallel horizontal slide-arms extending from the plane of the outer wall to and beyond the plane of the opposite inner wall and mounted in said guides beneath the vehicle-bed, whereby the receptacle is adapted for arrangement under, or extension wholly beyond the contiguous edge of, the bed, and displaceable means for limiting the extension of the receptacle, substantially as specified.

2. The combination with a vehicle-bed, provided with longitudinally-disposed guides, of a receptacle provided with parallel slide-arms fitted in said guides and extended from points near the plane of the outer wall of the receptacle to and beyond the opposite inner wall thereof, said receptacle being adapted for extension beyond the adjacent edge of the vehicle-bed to expose its top for access, and a stop arranged in the path of the inner wall of the receptacle to limit the extension there-

of and mounted to yield in a direction transverse to the path of the receptacle, to release the latter, substantially as specified.

3. The combination with a vehicle-bed, of longitudinal guides arranged thereunder, a receptacle provided with slide-arms fitted in said guides, and a latch provided with a stop-shoulder for engaging the inner wall of the receptacle to limit its extension when the top of the receptacle is exposed, substantially as specified.

4. The combination with a vehicle-bed, of guides disposed longitudinally under the bed, a receptacle provided with slide-arms extending from the outer wall to and beyond the plane of the inner wall and fitted in said guides, an adjustable catch-plate arranged upon the inner wall of the receptacle, means for securing said catch-plate at the desired adjustment with relation to the upper edge of said wall, and a fixed stop arranged in the path of said catch-plate as the receptacle is moved outward to expose its top for access, substantially as specified.

5. As an article of manufacture, the herein-described feed-box, comprising a receptacle, parallel slide-arms or handles arranged horizontally at the extremities of and secured to the receptacle, and extending from one wall thereof to and beyond the plane of the other wall, and adapted to be fitted in guides located beneath and contiguous to a vehicle-bed, and hooks projecting from that wall of the receptacle beyond which said slide-arms are extended, for engagement with a supporting object, substantially as specified.

6. The herein-described feed-box comprising a receptacle having an open top and spaced partitions forming an intermediate and terminal compartments, lunch-boxes having separate lids or covers fitted in the terminal compartments, and means for slidably mounting the receptacle with its upper edges contiguous to the plane of the floor of a vehicle-body, whereby access may be had to the interior of the receptacle when the latter is extended, and whereby the open top of the receptacle is closed to prevent displacement of said lids when the receptacle is in its normal position beneath the wagon-bed, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM V. EVANS.

Witnesses:

THOS. W. DONAHOO,
JAMES T. ROGSDALE.