

No. 816,825.

PATENTED APR. 3, 1906.

J. SCHREIBER.
TRUCK.

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Fig. 1.

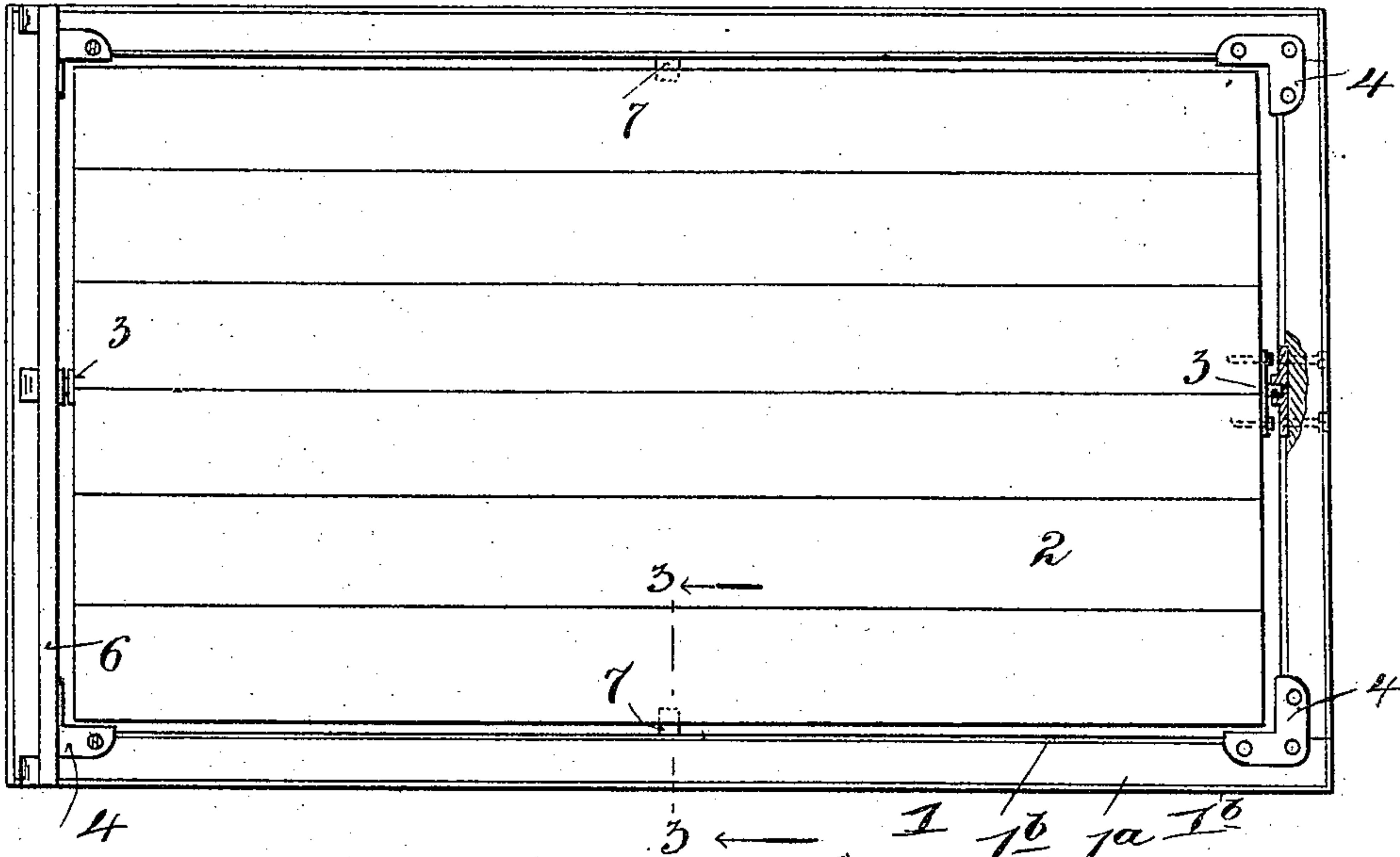


Fig. 2.

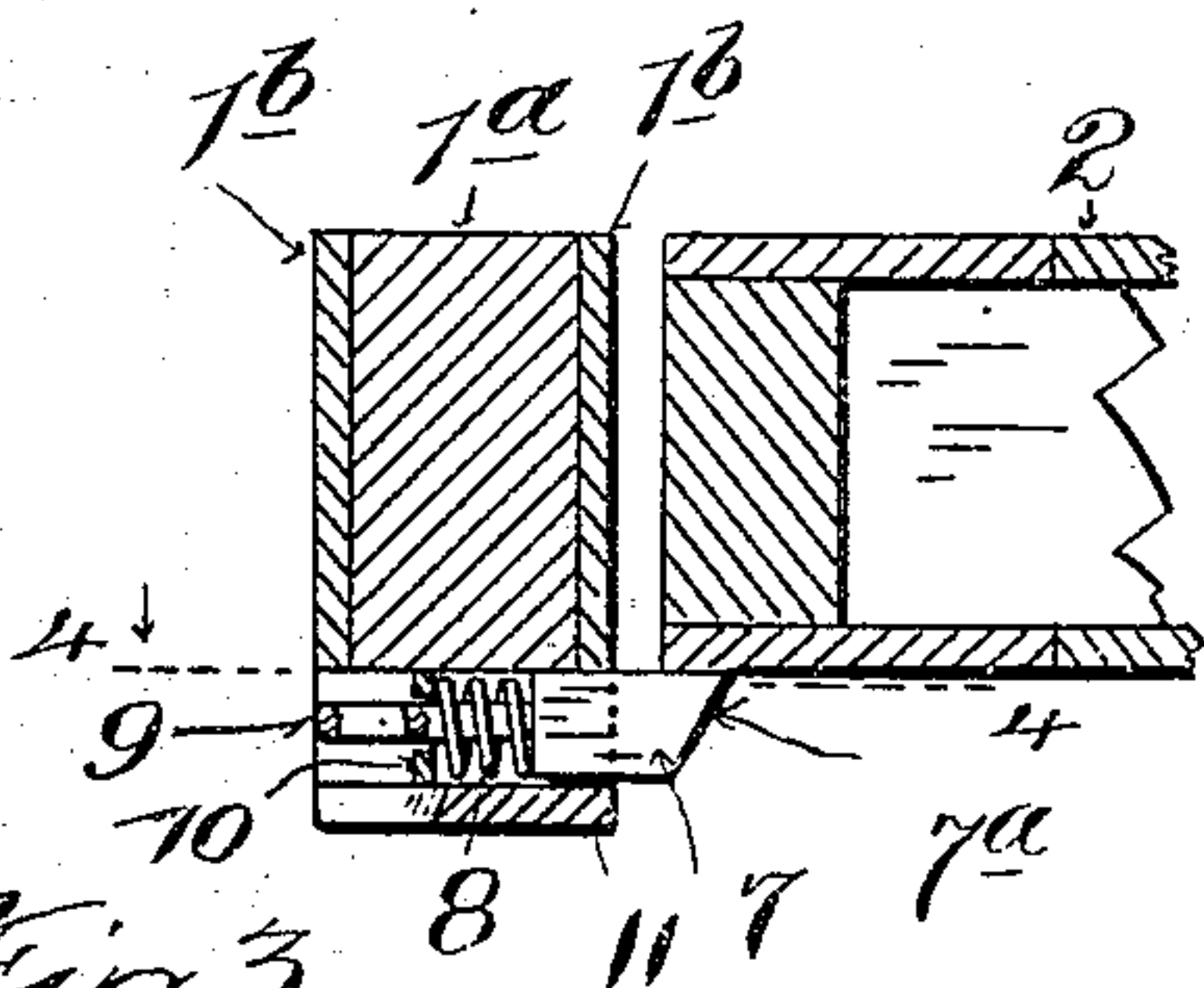
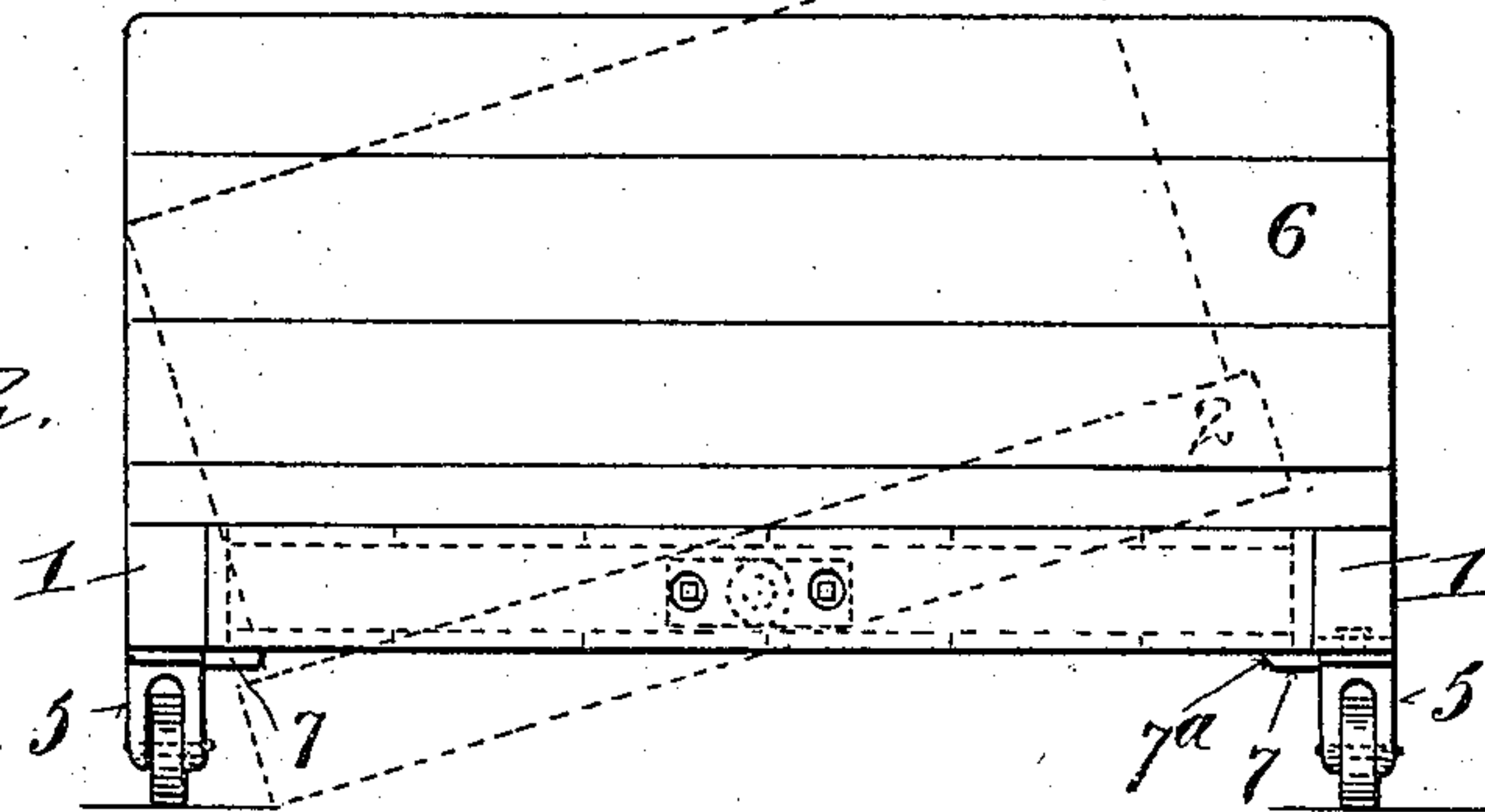


Fig. 3.

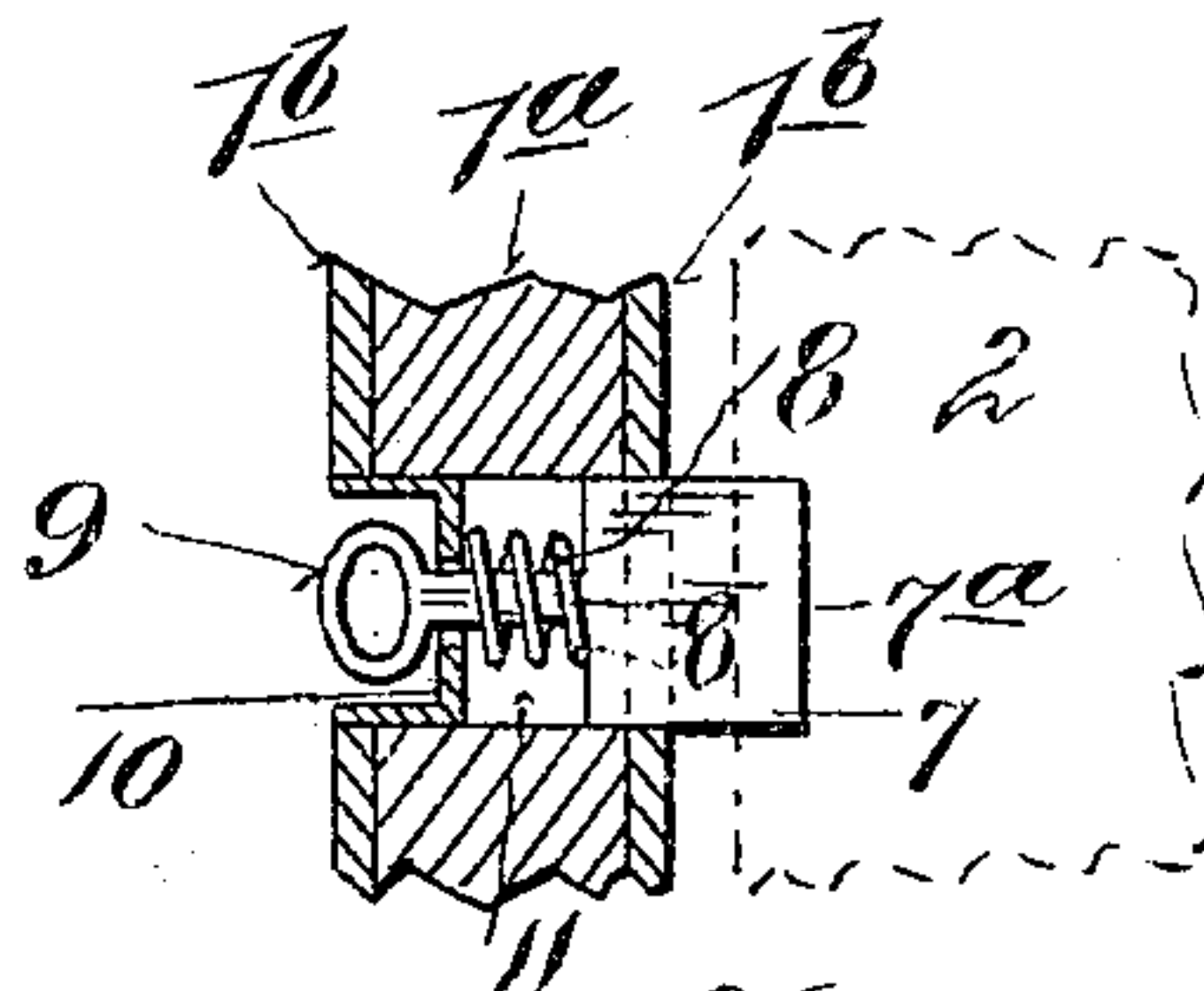


Fig. 4.

Witnesses

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TRUCK.

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To all whom it may concern:

Be it known that I, JOHN SCHREIBER, a citizen of the United States, residing in Jersey City, Hudson county, New Jersey, have
5 invented certain new and useful Improvements in Trucks, of which the following is a specification.

My invention relates to improvements in the class of trucks used in warehouses, stores,
10 and the like for moving boxes, barrels, &c., from place to place.

In filling or packing boxes, casks, barrels, and the like, and particularly those of large dimensions, it is customary to tilt the same
15 so that the open end will be inclined in front of the packer or operator for more convenience in packing the same. Where large boxes, casks, and the like are packed with heavy articles, considerable labor is required
20 in moving the same from place to place, as it has been customary to place the packed box upon a truck to transport it to the point desired and then remove the box from the truck.

The object of my invention is to provide
25 an improved truck upon which the empty box, cask, &c., to be packed can be placed and tilted to a desired angle in front of the operator and then when packed and still
30 upon the truck be moved back to a horizontal position ready to be transported to some other place, whereby great saving is effected in the labor of shifting or moving heavy packed boxes and the like.

In carrying out my invention I provide a main truck-frame with suitable rollers or
35 casters, and within the frame I pivotally support a supplemental frame or platform, adapted to be tilted within the main frame,
40 and a lock or locks on one of the frames adapted to hold the movable or supplemental frame in horizontal position in the main frame, whereby the movable frame may be tilted or inclined within the main
45 frame, so that the box, &c., resting upon the movable frame may have its open end inclined in front of the packer, and whereby when the box is packed the movable frame and the box may be pushed back to a horizontal position with respect to the main
50 frame and locked thereto, so that the packed box, &c., while remaining upon the truck may be moved to any other desired place.

The invention also comprises the novel details of improvement that will be more fully

hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part hereof, wherein—

Figure 1 is a plan view of a truck embody- 60
ing my invention. Fig. 2 is an end view thereof. Fig. 3 is a detail section on the line 3 3 in Fig. 1, and Fig. 4 is a section on the line 4 4 in Fig. 3.

Similar numerals of reference indicate cor- 65
responding parts in the several views.

The main truck-frame is indicated at 1 and shown composed of side bars made in rectangular form, open centrally to receive the
70 swinging platform or frame 2, which is supported by pivots 3, so as to tilt within the main frame. The side bars of the main frame may be composed of wood or metal and may comprise wooden sills 1^a and metal
75 plates or strips 1^b, fastened thereto, and may have iron braces 4 at the corners. The main frame may also be provided with suitable casters or rollers 5 and at one end may have a customary dash 6 or other means for moving it about. Between the main frame 1 and
80 the movable platform or frame 2 I provide one or more locks adapted to hold the platform 2 horizontally within frame 1 and preferably so that the upper surfaces of the
85 platform 2 and the frame 1 will be substantially flush to permit ready sliding of boxes, &c., upon the truck. I have shown two locks attached to the under sides of opposed
90 side bars of frame 1, the bolts or movable members 7 of the locks being adapted to engage the movable platform 2 and being shown passing under the opposite edges thereof.

The bolts 7 are shown provided with
95 springs 8 to push them under the platform 2 and with handle or eye 9 to permit withdrawal of the bolts 7, the handle 9 passing freely through the stop-plate 10, the spring 8 bearing against said plate and against bolt 7. The bolt 7 and spring 8 are carried within a
100 suitable housing 11, attached to the under side of frame 1. The ends of bolts 7 are shown beveled at 7^a to permit the platform 2 to readily pass the bolts when swinging upwardly against the same.

With the construction above described 105
when the platform 2 is supported horizontally within frame 1 by the locks the truck can be used in the ordinary way, and, furthermore, a box, cask, or the like to be packed
110 may be placed upon the platform 2 while

empty, one of the bolts 7 withdrawn permitting the platform to tilt downwardly through frame 1, whereby it may rest upon the floor, so that the open end of the box, &c., may be inclined in front of the packer. When the box, &c., is packed, the platform may be swung up to the horizontal position with the box, &c., still upon it, whereupon the locks will hold the platform in such position within frame 1, and the truck, with the box, &c., may then be transported to any suitable place. By this means various handlings of a box for packing and moving it about are overcome, because after the empty box is placed upon the truck no further handling of the box will be necessary until after it is packed, its cover applied, if desired, and moved by the truck to any required place.

My invention is particularly advantageous where large boxes, casks, &c., are to be packed to be moved to another place for storing or shipment.

The details of construction and arrangement of parts may be varied without departing from the spirit of my invention.

Having now described my invention, what I claim is—

1. A truck comprising a main frame having an open unobstructed inner space, a movable platform of less area than said space pivotally supported within said frame adapted to swing within and through said space at an angle to the plane of the frame and means for locking the platform firmly in horizontal position with respect to the frame, substantially as described.

2. A truck comprising a main frame provided with an open unobstructed inner space, a movable platform of less area than said space pivotally supported by the frame within said space, the upper surfaces of the main frame and the platform being substantially

on the same plane, and means for locking the platform in such position, whereby when the platform is unlocked it may swing within and through the main frame at an angle to the plane of the frame, substantially as described.

3. A truck comprising a main frame having an open unobstructed inner space, a platform of less area than said space pivotally supported by the frame within said space, the pivotal support for the platform being located substantially midway between its sides to enable the platform to swing in either direction within and through the frame at an angle to the plane of the frame, and means for locking the platform firmly in horizontal position with respect to the frame, substantially as described.

4. A truck comprising a frame provided with an unobstructed inner space, a movable platform of less area than said space pivotally supported by the frame within said space, and a lock carried by the main frame and having a bolt adapted to engage the platform and arranged when withdrawn to permit the platform to swing within and through said space at an angle to the plane of the frame, substantially as described.

5. A truck comprising a frame having an unobstructed inner space, a platform of less area than said space pivotally supported by the truck within said space, a lock having a bolt, and a spring to push the bolt into operative position, the lock being carried by one member of the truck to engage the other member of the truck all arranged to permit the platform to swing within and through said frame, substantially as described.

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Witnesses:

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