

(No Model.)

C. SHANKLIN.  
ATTACHMENT FOR DELIVERY WAGONS.

No. 584,167.

Patented June 8, 1897.

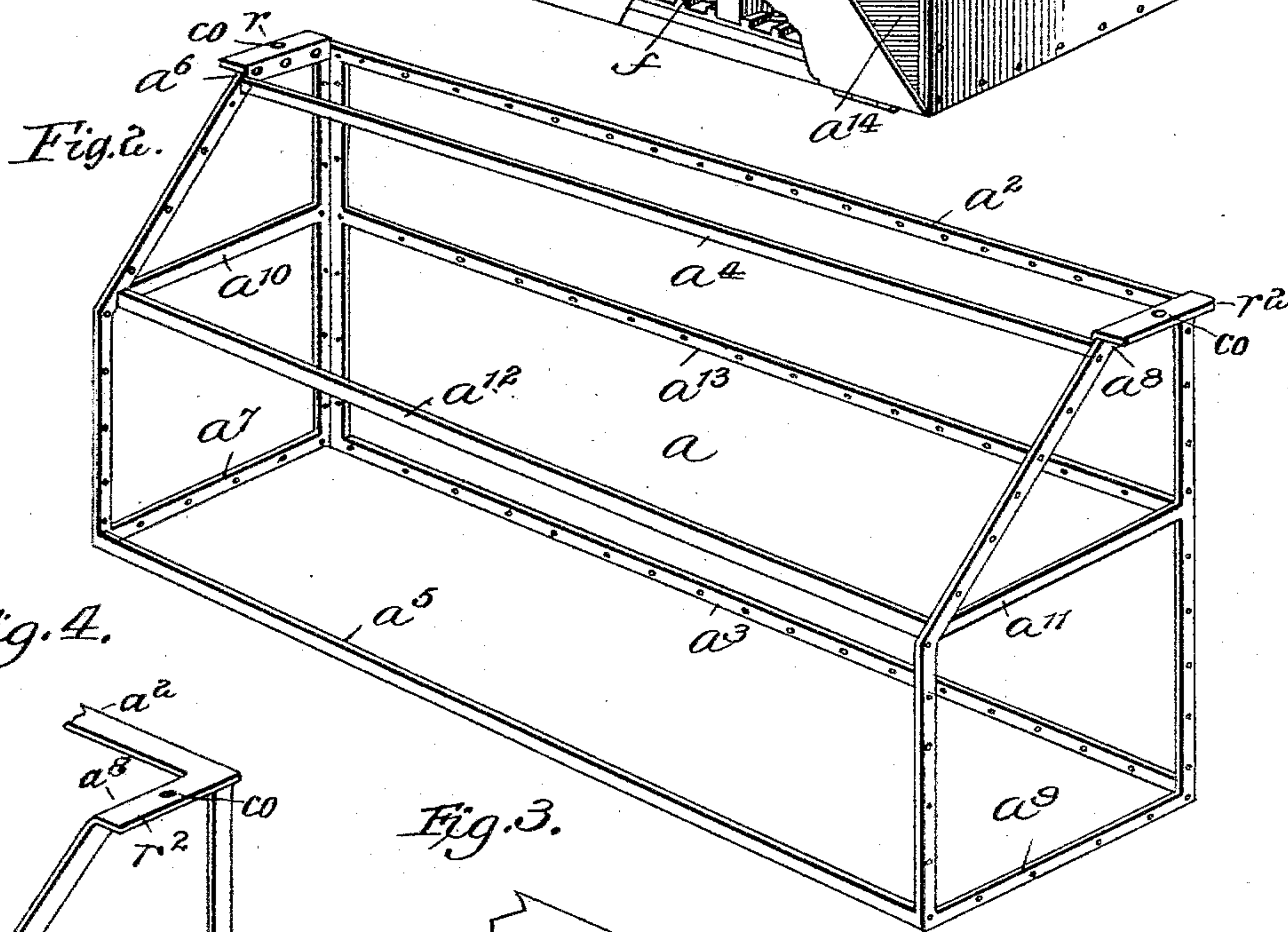
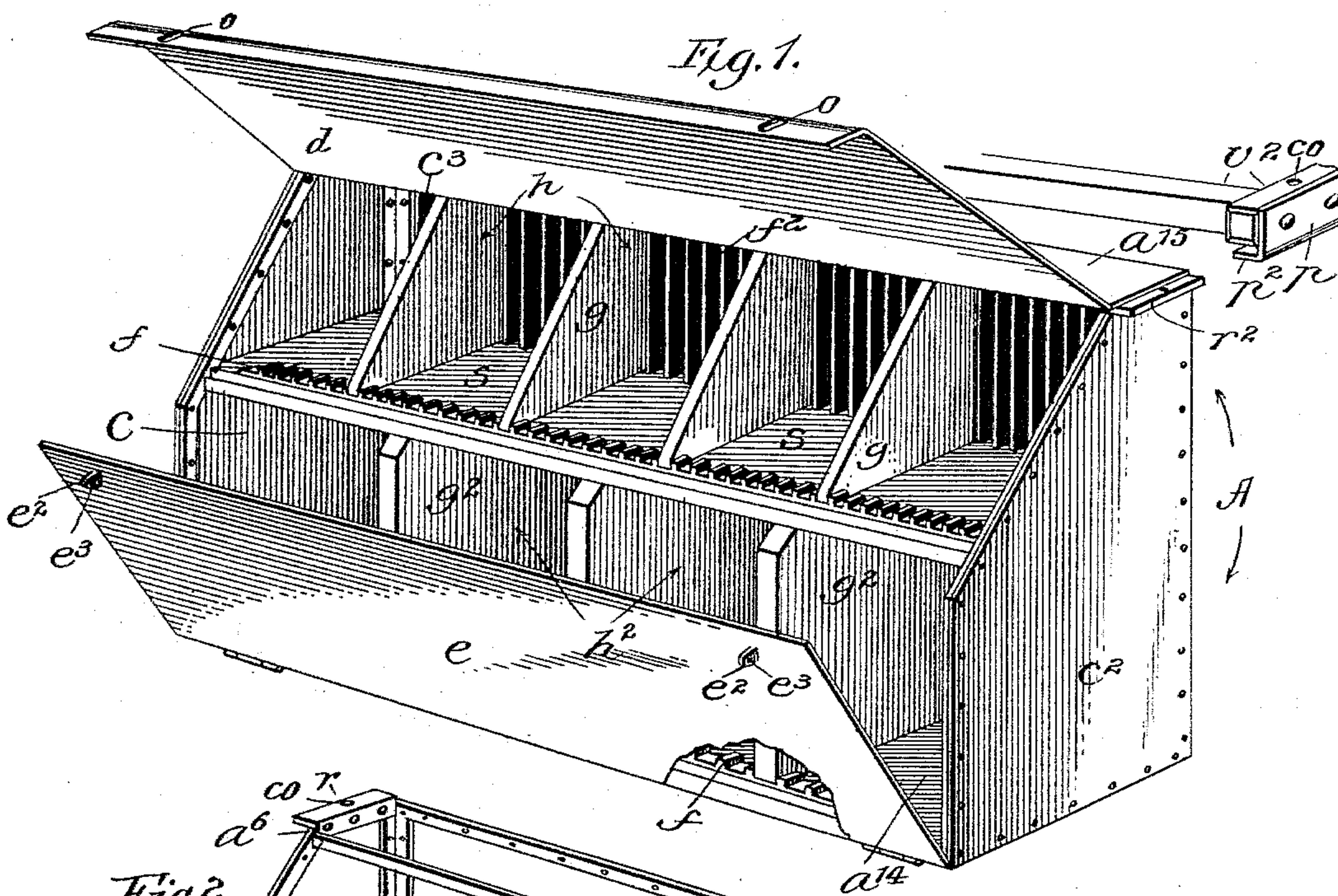


Fig. 4.

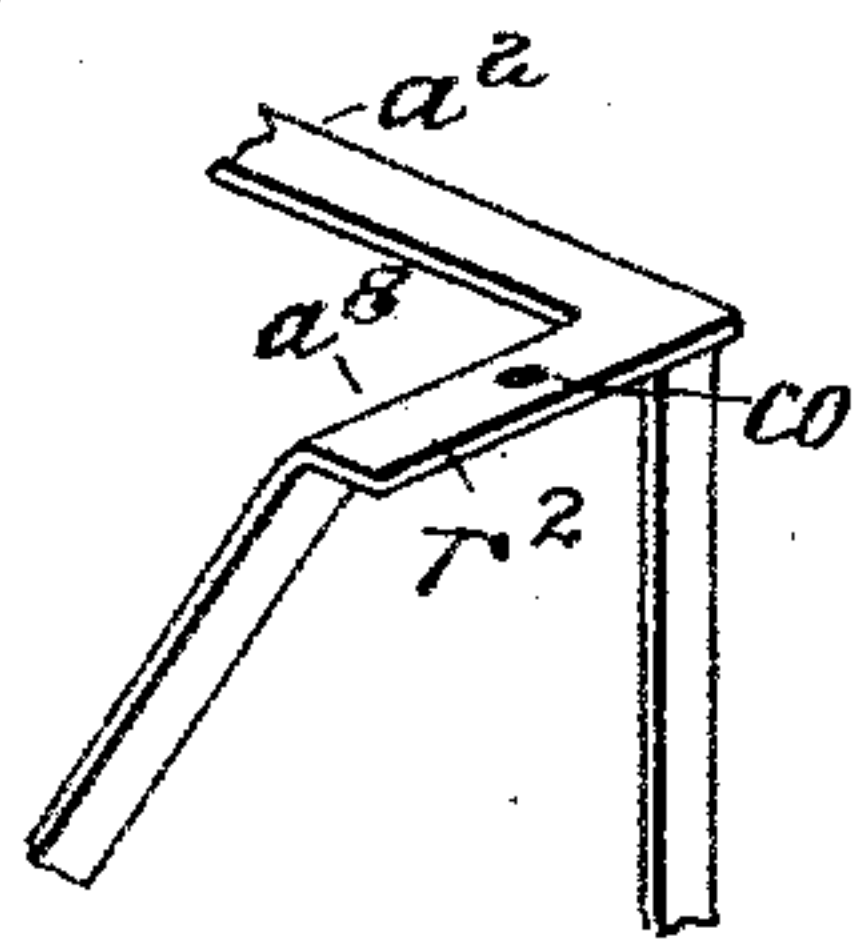
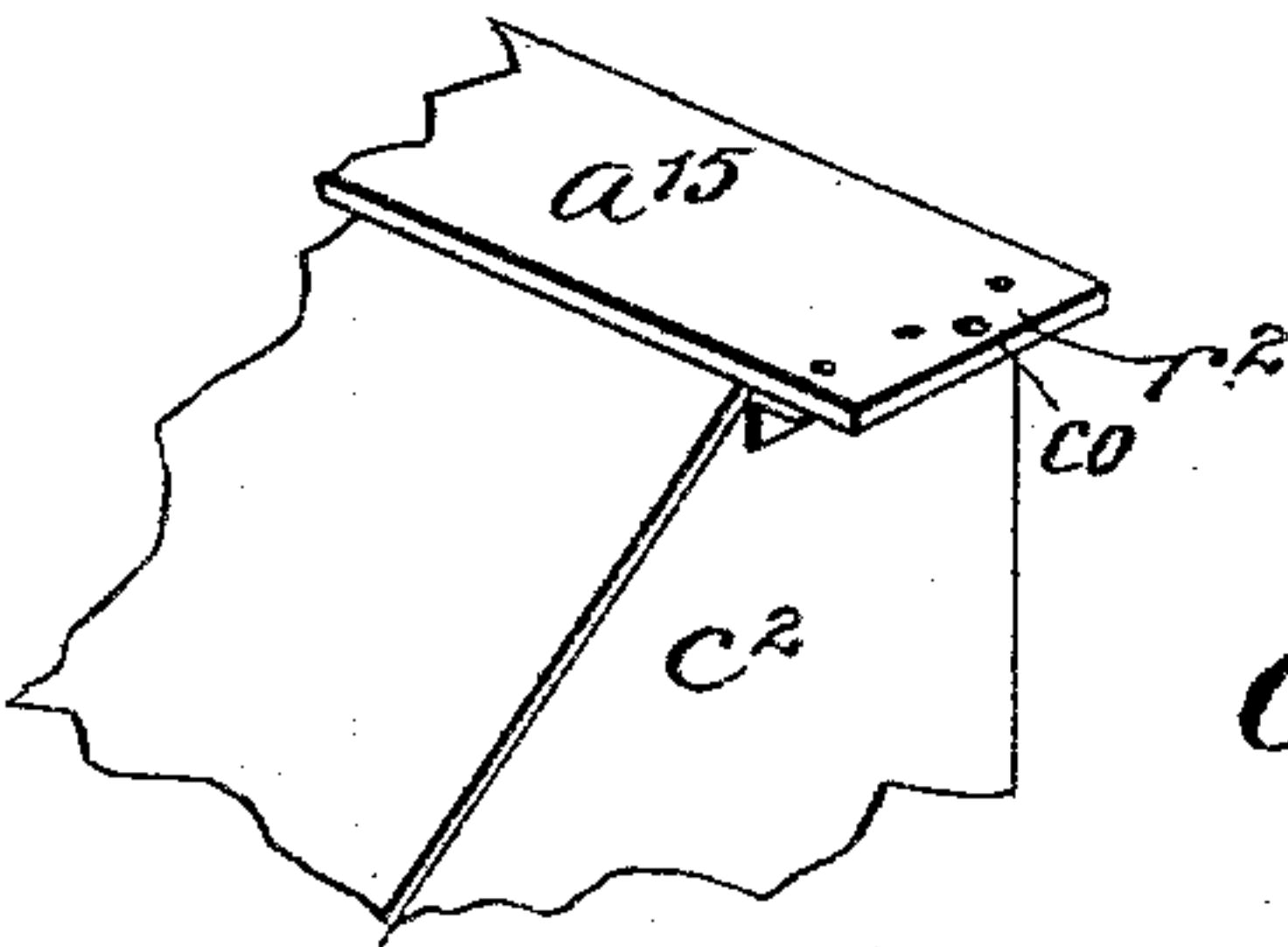


Fig. 3.



WITNESSES:

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BY  
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# UNITED STATES PATENT OFFICE.

CALVIN SHANKLIN, OF DES MOINES, IOWA.

## ATTACHMENT FOR DELIVERY-WAGONS.

SPECIFICATION forming part of Letters Patent No. 584,167, dated June 8, 1897.

Application filed March 25, 1897. Serial No. 629,198. (No model.)

*To all whom it may concern:*

Be it known that I, CALVIN SHANKLIN, a citizen of the United States, and a resident of the city of Des Moines, in the county of Polk, in the State of Iowa, have invented a new and useful Attachment for Delivery-Wagons, of which the following is a description.

The invention relates especially to that class of delivery-wagons which are commonly employed by grocers in cities and in villages in the distribution of family table and illuminating supplies. In numerous instances in effecting such distribution it has been found that when cans or bottles of kerosene, gasoline, and the like have been placed in juxtaposition with or in proximity to various preparations of edible products designed for table use such preparations have been rendered unfit for their intended use, either through leakage or accidental overflow of the kerosene or gasoline or through absorption of the highly volatile and pervasive odors which emanate from the cans or other vessels in which they are contained. To avoid these wasteful and pernicious results, I have conceived the idea of placing the vessels which contain such kerosene, gasoline, and the like in a separate close receptacle or compartment of the wagon, in which they will be readily accessible, while escape of their injurious and offensive odors will be in large measure prevented.

With the purpose thus generally indicated in view the invention consists in various novel elements or combinations of elements involved in the construction of an attachment for delivery-wagons, as will first be described with particular reference to the details of such construction and then specifically and distinctly summarized in the paragraphs which succeed such detailed description.

In the accompanying sheet of drawings, which constitute a part of this specification, Figure 1 represents in perspective a view of the attachment, together with a portion of a rear elevation of a wagon which has my containing-receptacle or attachment applied thereto. Fig. 2 represents a perspective view of the frame of the attachment. Fig. 3 is a detail showing a modification in the construction of the supporting-flange. Fig. 4 is

a detail representing a further modification in the construction of the supporting-flange.

From the several figures in the drawings it will be understood that the bed-frame  $v^2$  of the vehicle may in its principal parts be of ordinary construction, but that upon each exterior side of the frame, at the rear extremity thereof, is applied a bearing-plate  $p$ , which extends a suitable distance along the frame and downwardly to a point a short distance below the plane of the bottom surface of such frame, from which point it extends horizontally inward to provide a slide or way  $p^2$  to receive and support, by the flanges or rims  $r$   $r^2$ , the attachment A.

The frame  $a$  of the attachment A consists substantially of the rear horizontal metallic bars  $a^4$  and  $a^5$ , the front horizontal metallic bars  $a^2$  and  $a^3$ , the left side bars  $a^6$  and  $a^7$ , the right side bars  $a^8$  and  $a^9$ , the intermediate side bars  $a^{10}$  and  $a^{11}$ , and the intermediate rear and front bars  $a^{12}$  and  $a^{13}$ . At the lower extremity of the attachment, upon the front and rear bars  $a^2$  and  $a^5$ , and upon the side bars  $a^7$  and  $a^9$ , rests a supporting-plate or floor  $a^{14}$ . Supported upon the plate or floor  $a^{14}$  are the vertical side walls  $c$  and  $c^2$  and the front wall or casing  $c^3$ , and these are additionally secured upon the exterior of the frame in any suitable manner.

Upon the upper extremity of the frame is secured the top plate or cover  $a^{15}$ . These inclosing walls and the cover may conveniently be composed either of wood or of any suitable metal. If the cover be a metallic plate, galvanized or otherwise, its edges may at the sides of the attachment project suitably beyond the frame, as seen in Fig. 3, to constitute the before-described flanges or rims  $r$  and  $r^2$ , which enter the slide or way  $p^2$  and thereby serve to support the attachment, or, as may in some cases be desirable, the side bars  $a^6$  and  $a^8$  may, as seen in Fig. 4, be of such width as to adapt them to enter the ways  $p^2$   $p^2$  to support the attachment. A shelf or diaphragm  $s$  rests upon the intermediate bars  $a^{10}$   $a^{11}$   $a^{12}$   $a^{13}$ , and the space above and the space below this diaphragm are divided into cells  $h$  and  $h^2$  by means of partitions  $g$  and  $g^2$ , which are rendered readily adjustable through the provision of the grooves or cor-



rugations  $f$  and  $f^2$ , strips of sheet metal or of cast metal being attachable upon the upper surface of the floor and upon the top of the shelf or diaphragm, as well as upon the front plate or wall  $c^3$  of the attachment, to receive such partition-plates  $g$  and  $g^2$ .

The lower closing-door  $e$  is hinged at the front lower extremity of the attachment and is provided with two or more holding lugs or catches  $e^2$   $e^2$ , which, when the door is closed against the front of the receptacle, project outward. The upper door  $d$  is hinged at the front upper extremity of the attachment and has openings  $o$   $o$ , by which, when the door is closed, it engages the catches  $e^2$  upon the lower door to hold the same securely in place. The catches  $e^2$  may have a perforation  $e^3$  to receive the bow or loop of a suitable padlock, by which both the doors will be securely closed. When the attachment has been moved to its place in the bearings or ways, a detachable pin, one or more, may be inserted in suitable coincident openings  $c$   $o$  in the bed-frame  $v^2$  of the vehicle and in the flanges or rims  $r$   $r^2$  of the attachment to connect the two rigidly together.

It will be apparent that by reason of the provision of the close or imperforate cover, bottom plate, and vertical walls the admission of dust or other injurious substances or elements will be effectually prevented, and that because of the adjustability of the vertical partitions cans or other articles of dissimilar dimensions may be inserted without liability to injury either through contact with each other or with the body of the attachment.

The invention having been thus described, what is claimed is—

40 1. The combination with a wagon which

upon the rear portion of its bed-frame has horizontal ways or bearing-supports; of the described chambered attachment, having oppositely-placed flanges or rims which are adapted to the ways upon the wagon and are securable in position therein; substantially as and for the purposes set forth.

2. In combination with a wagon which is provided with coincident horizontal bearing-ways; a slidable attachment which has opposite flanges or rims, an upper chamber or compartment which is adapted to be divided into receiving-cells, a lower chamber which is similarly divisible into cells; and which has also upper and lower pivoted covering-doors which meet at their free horizontal edges, and in closing are locked, one to the other; substantially as specified.

3. The described attachment for wagons, embracing the metallic frame  $a$ ; upper floor  $s$ ; lower floor  $a^{14}$ ; side walls  $c$  and  $c^2$ ; front plate  $c^3$ ; lower pivoted door  $e$ , having lugs  $e^2$  and  $e^2$ ; and upper pivoted door  $d$ , adapted to engage the lower door, and to retain it in its closed position; substantially as described.

4. The combination with a wagon for grocers' use, provided with supporting-ways; of the attachment  $A$ , having the metallic floor-supporting frame  $a$ , inner corrugated or grooved surfaces  $f$  and  $f^2$ ; division-plates  $g$  and  $g^2$ ; vertical plates  $c$ ,  $c^2$ , and  $c^3$ ; and interlocking doors  $d$  and  $e$ ; substantially as described and shown.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

CALVIN SHANKLIN.

Witnesses:

ALONZO S. WILCOXEN,  
CHARLES W. SCHRAMM.