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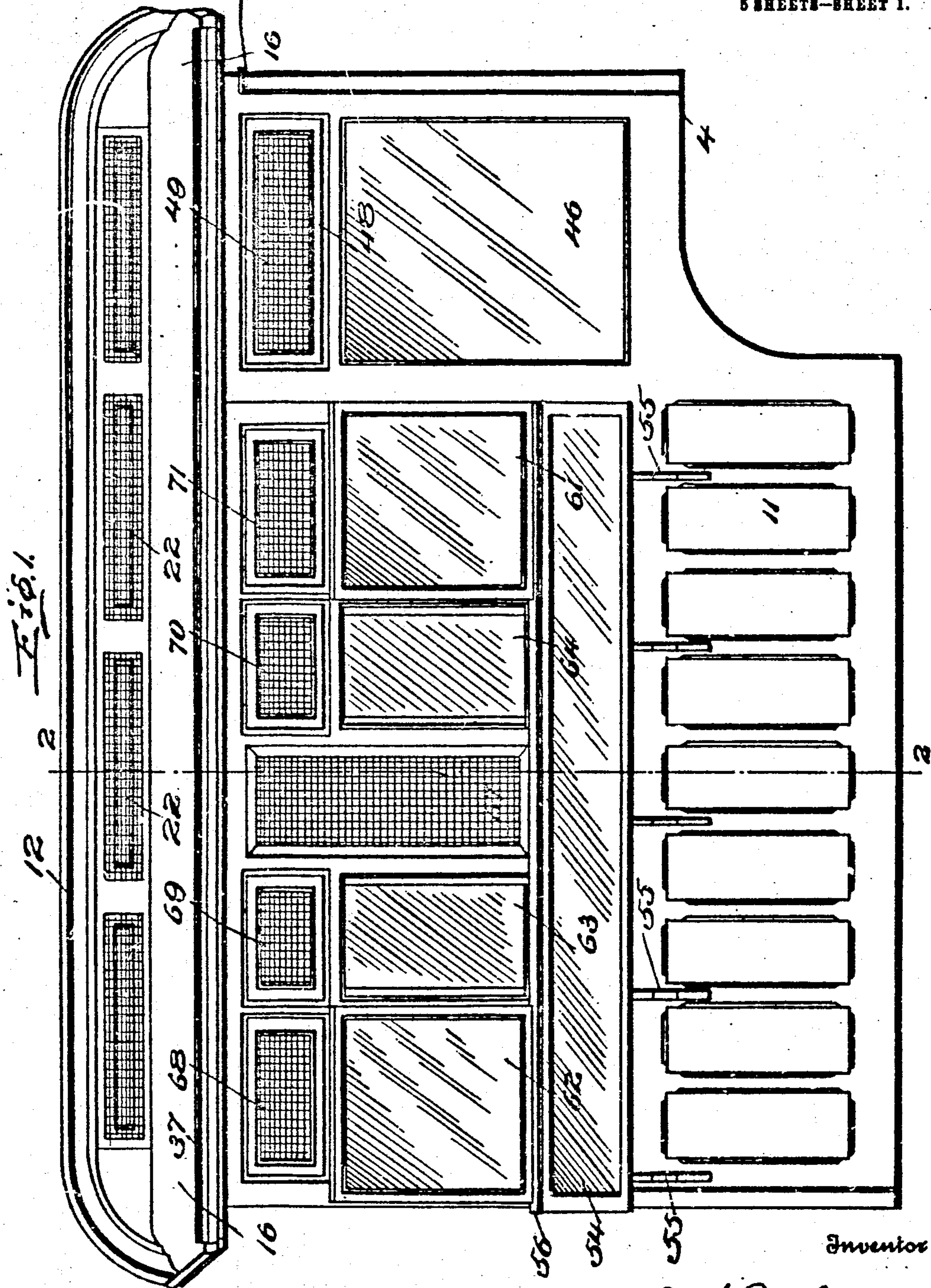
D. BOYLE.
VENDING WAGON.

APPLICATION FILED OCT. 5, 1909.

Patented June 7, 1910.

5 SHEETS—SHEET 1.

960,802.



Witnesses
J. M. Fowler Jr.
A. L. Kitchen.

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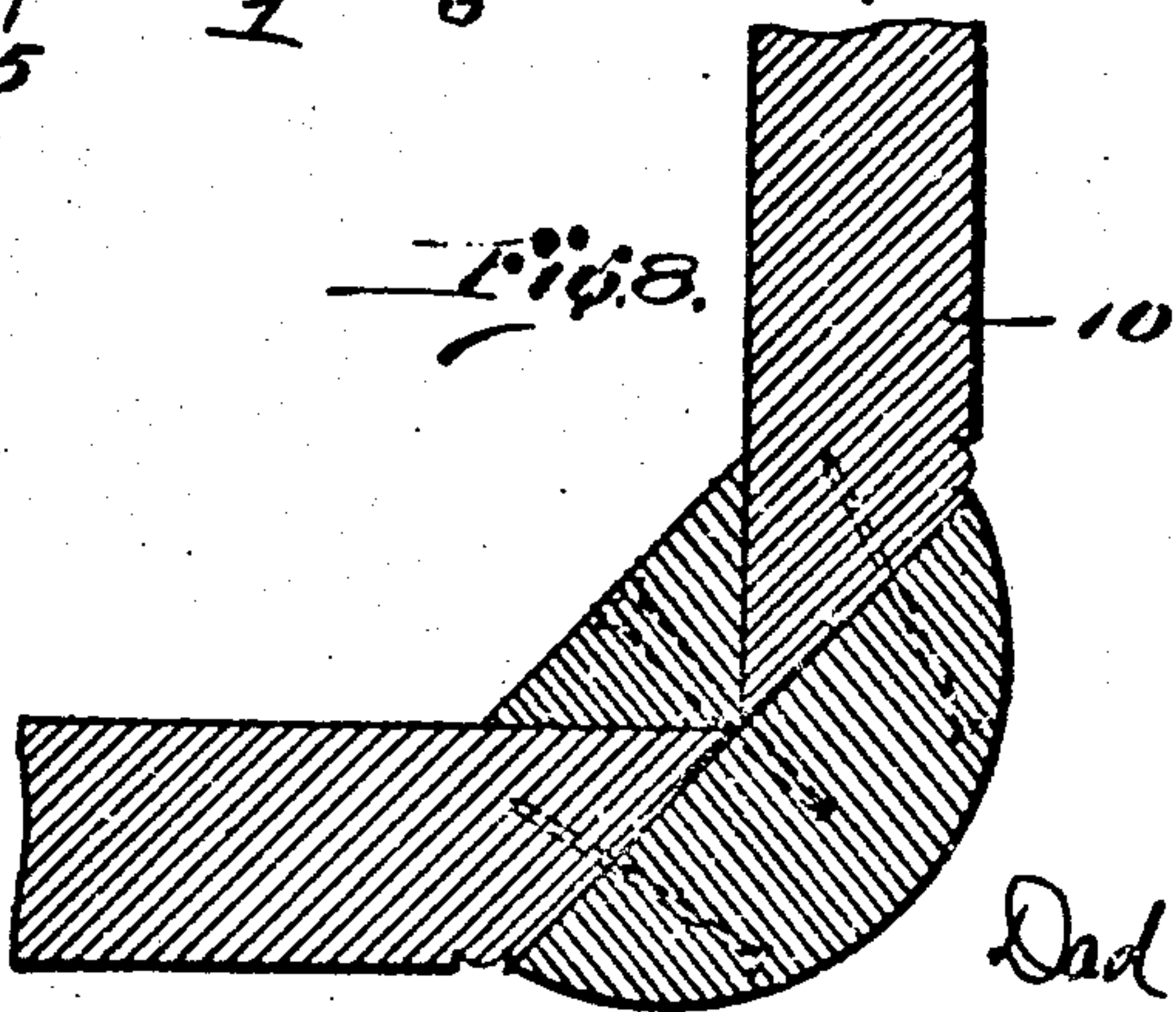
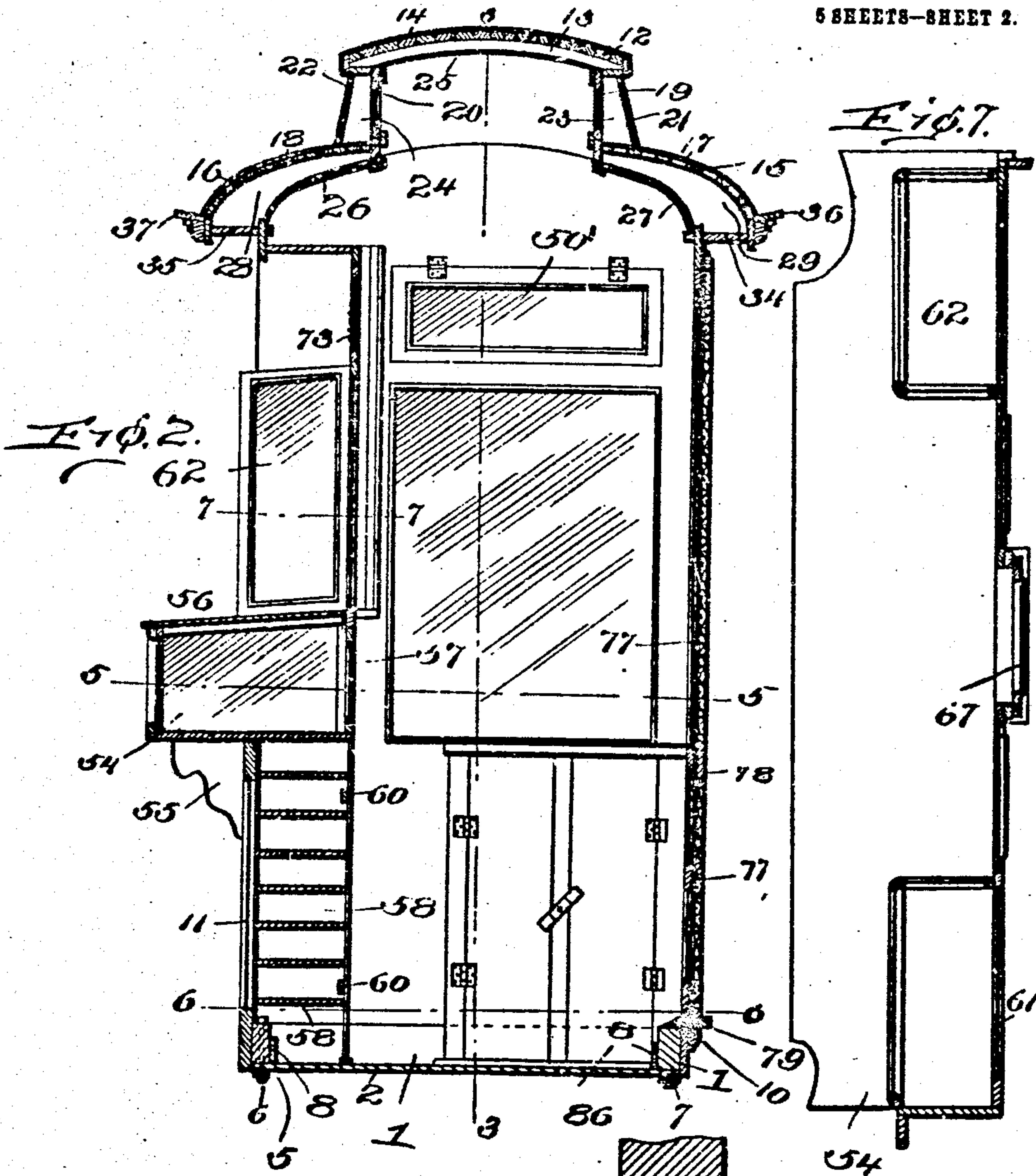
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5 SHEETS—SHEET 2.



Inventor

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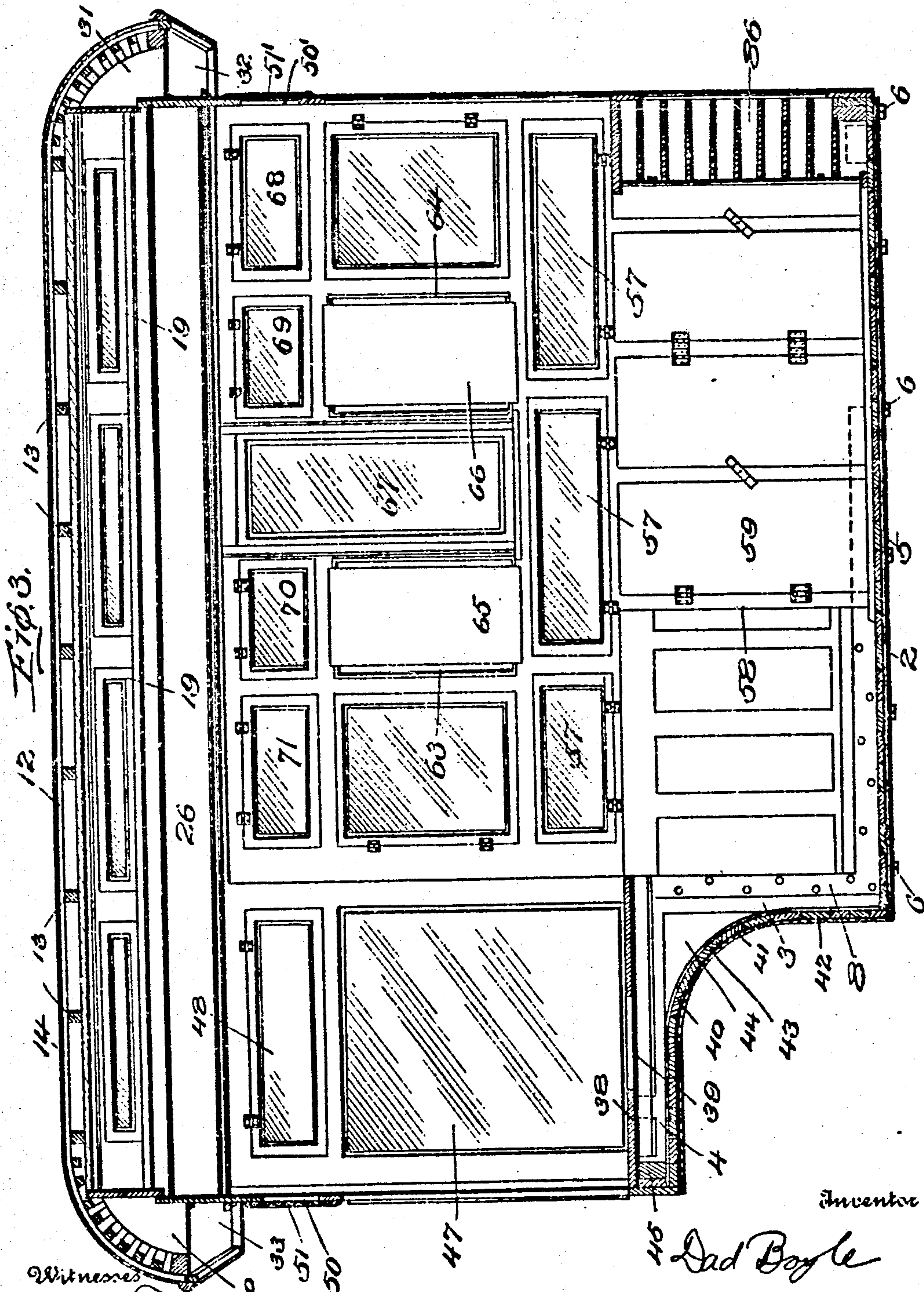
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5 SHEETS—SHEET 3.



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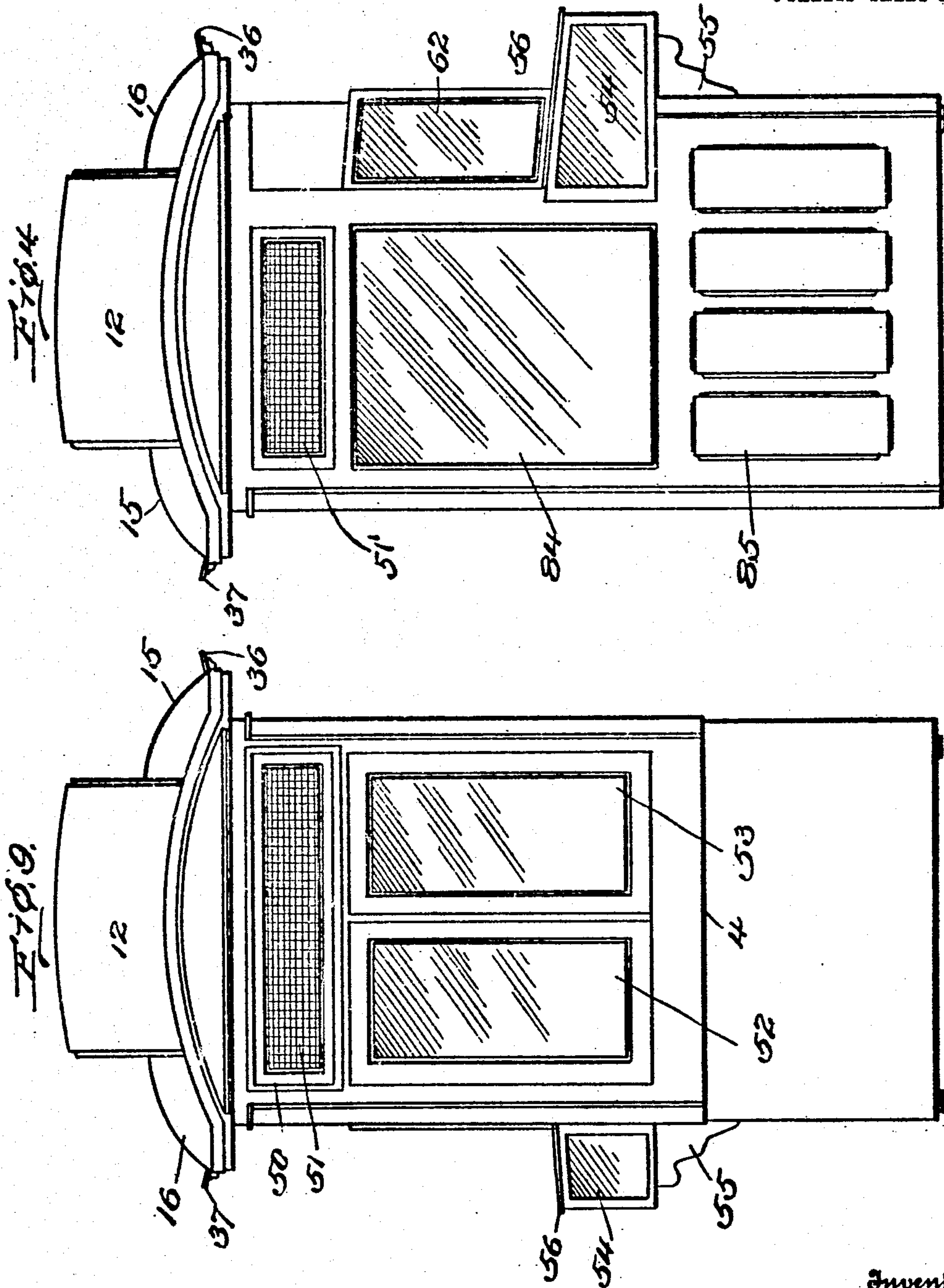
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5 SHEETS—SHEET 4.



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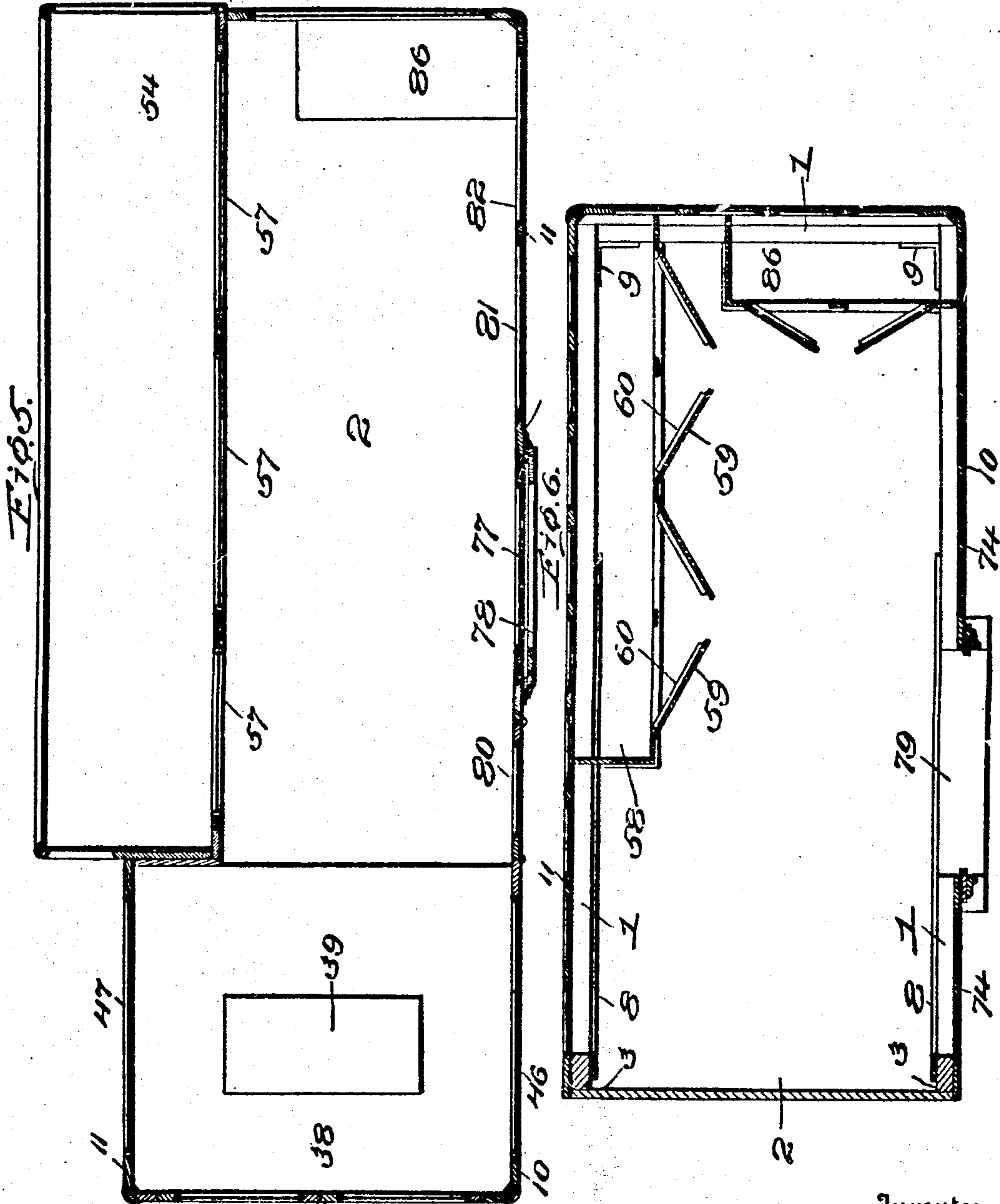
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5 SHEETS—SHEET 5.



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U. S. PATENT OFFICE.

DAD BOYLE, OF AMARILLO, TEXAS.

VENDING-WAGON.

960,802.

Specification of Letters Patent.

Patented June 7, 1910.

Application filed October 5, 1909. Serial No. 521,075.

To all whom it may concern:

Be it known that I, DAD BOYLE, a citizen of the United States, residing at Amarillo, in the county of Potter and State of Texas, have invented certain new and useful Improvements in Vending-Wagons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in wagons and particularly to vending wagons and has for an object the arrangement of means for readily vending or distributing merchandise without exposing the merchandise to any one but the purchaser.

Another object of the invention is the arrangement of a vending wagon formed with compartments for acting as closets, buffets and the like and also a plurality of show cases arranged in proximity to the various closets, buffets and the like in order to display the goods to be vended and at the same time occupy as small an amount of the available space in the wagon as possible.

A still further object in view is the arrangement in a vending wagon of a specially constructed roof formed with a plurality of bracing members for holding the roof properly in position and a braced frame provided with strap irons for holding the same in the proper relation for supporting the roof and the various parts of the body of the wagon.

A still further object in view is the arrangement in a vending wagon of an entrance on one side and means for displaying merchandise for sale upon the opposite side together with a counter which acts as a combined counter and display case.

With these and other objects in view the invention comprises certain novel construction, combinations and arrangement of parts which will be hereinafter more fully described and claimed.

In the accompanying drawings: Figure 1 is a side elevation of an embodiment of the invention. Fig. 2 is a section through Fig. 1 approximately on line 2—2. Fig. 3 is a longitudinal vertical section through a wagon embodying the invention approximately on line 3—3 of Fig. 2. Fig. 4 is a rear end view of the structure shown in Fig. 1. Fig. 5 is a section through Fig. 2 approximately on line 5—5. Fig. 6 is a

section through Fig. 2 approximately on line 6—6. Fig. 7 is a section through Fig. 2 on line 7—7. Fig. 8 is an enlarged detailed fragmentary sectional view showing the corner construction. Fig. 9 is a front view of the structure shown in Fig. 1.

In order that the invention may be fully understood an embodiment of the same is shown in the accompanying drawings in which—

1 indicates the bottom rail which extends entirely around the bottom 2 in a substantially rectangular form and then upwardly at 3 for forming a raised bottom 4. This arrangement provides an arch or cut-away portion at the front of the wagon for accommodating the front wheels of the running gear whereby a short turn running gear may be used and yet the bottom 2 be located near the ground. The bottom 2 is secured in position by suitable nails and is also reinforced by a brace of strap iron 5 on each side which is in turn held in position by suitable bolts 6 and 7. In order that the frames 1 and 4 may be properly held in position and properly braced a bracing strip of metal 8 is provided which is rigidly secured to the upright 3 and members 1 and 4 as clearly shown in Fig. 3. In addition to these bracing means corner strips 9 are provided at the rear. Rigidly secured to the base are the sides 10 and 11 (Fig. 6) which are constructed in any suitable way, preferably of some good quality of wood and arranged with suitable panels, all of the wood work being comparatively thin in order to reduce the weight, though a sufficient thickness is retained for ample strength. Secured to the sides and ends of the body is a top formed with a central canopy 12 which is supported by any desired number of rafters 13 and which is also provided with a cover of canvas 14. Applied to the canvas 14 are several layers of water proof paint so as to provide a tight top or roof to the wagon. Positioned slightly below the canopy or extreme top 12 are awning members 15 and 16 which together with canopy 12 make up the entire top. The awning members 15 and 16 are provided with canvas covers 17 and 18 which are painted with water proof paint in a similar manner to member 12. Positioned between member 12 and members 15 and 16 are transoms 19 and 20 which preferably turn on a central pivot so as to be freely opened and closed as desired. In

order to prevent foreign matter and especially flies from entering when the transoms are open, screens 21 and 22 are provided which extend substantially the full length of the body, but fall slightly short of the full length of the top and are supported by a plurality of braces 23 and 24. The braces 23 and 24 are formed of solid material so that nothing can pass into the space below the screens through the ends.

In order to positively guard against any leakage a strip of sheet metal 25 is provided above the transoms 19 and 20 and just below the canopy 12. Preferably the sheet metal strip 25 is secured to the sides and also to the rafters 13 for holding the same in position. Beneath awning members 15 and 16 are provided sheet metal strips 26 and 27 which engage brackets 28 and 29 which support the awnings 15 and 16. By this construction and arrangement of an outside top and an interior auxiliary top of sheet metal, ample means are provided for insuring against any water passing through the top into the main body of the wagon. Arranged at the front and rear ends of the top are brackets 30 and 31 for bracing the ends extending over the main body of the wagon. Connected to the roof and the main body are strips of material preferably metal 32 and 33 which are provided at the ends of the top, while strips of material 34 and 35 extend along the sides so as to prevent any moisture from passing upward beneath the roof and into the interior of the housing. The strips 32, 33, 34 and 35 are arranged to give a finished appearance also to the roof. In addition the roof is provided with slightly inclined members 36 and 37 which act together with members 15 and 16 as troughs for directing water to the ends of the wagon and for preventing any dripping at the sides.

The front end of the body which has the lower part thereof cut away for accommodating the front wheels of the running gear, is provided with what might be termed a false bottom 38. The false bottom 38 acts as a support for any desired substance, but preferably I use the same for supporting a machine used for popping corn and for roasting peanuts. Platform or false bottom 38 is provided with aperture 39 for permitting the escape of faulty popcorn, trash, undesirable peanuts and the like. When the matter just enumerated has passed through aperture 39 the same will strike against the curved front 40 and from thence pass down to the bottom. The curved front 40 is made up of a strip of sheet metal 41, flooring 42 and a canvas covering 43, which is preferably provided with a number of coats of paint. The curved front 40 is also provided with brackets 44 and members 3 and 4 heretofore described. A front top cross bar

45 is provided for bracing the front part of the wagon and for properly holding the parts together. The front part of the wagon is also provided with windows 46 and 47 that are preferably rigidly secured in place and also with windows 48—48 hinged in position as clearly seen in Fig. 3, which windows are provided with screens 49—49. The front of the wagon is provided with a window 50, and the back of the wagon is provided with a similar window 50'. These windows are each pivotally mounted so as to swing inwardly in the same manner as windows 48—48. Windows 50 and 50' are also provided with screens 51 and 51'. Below window 50 are a pair of doors 52 and 53 which are preferably arranged to swing outwardly in order to permit ready access from the outside into the compartment above platform 38, and to the machine or merchandise placed thereon.

On the left side of the machine when facing the front is located a show case 54 which is built into the side of the wagon body and is provided with a plurality of braces 55 for assisting and supporting the same. The show case 54 has a glass top 56 which is preferably plate glass of some considerable thickness for resisting the weight as various kinds of merchandise is designed to be placed thereon. The glass top 56 is arranged to rest upon putty at its various contact points in order to provide an even resting place therefor. The plate is also preferably embedded in putty at the edge which engages the side of the wagon. Pivotaly mounted doors 57 are provided for easy access to the interior of the show case from the interior of the wagon. These doors are each preferably provided with a comparatively large panel of glass in order that the attendant may inspect the goods from the interior of the wagon. Below show case 54 is arranged a closet or buffet 58 of any desired number of shelves and suitable doors 59 which are braced by cross strips 60. The doors 59 are hinged in position and are locked against opening by any desired means as for instance a turn button.

Above the show case 54 are positioned removable show cases 61 and 62. These show cases may be secured into position by any desired means as for instance a hook and eye or may be secured into position by screws passing through the main sides or walls of the wagon and into the cases. The wagon is provided with pivotally mounted windows or doors at the point near the show cases 61 and 62 which are locked so as to give free access to the cases from the interior of the wagon. Arranged between show cases 61 and 62 (Fig. 1) are glass windows 63 and 64 which are silvered on their backs for part the width of the glass in order to form a mirror having clear glass to each

side. Back of these mirrors are secured strips or sheets of galvanized iron 65 and 66 though some other protecting material could be used if desired. Between the windows 63 and 64 is arranged a screen door 67, which is preferably opened inwardly for permitting the attendant to pass out any article desired to the customer or place the same on the glass plate 56 of show case 54. If desired a door could be provided back of screen door 67. Arranged near the top of the wagon above show cases 61 and 62 is a plurality of hinged windows 68, 69, 70, 71 and 48 which windows are provided with suitable screens 73. All of these windows are designed to be opened inwardly and the screens are preferably secured rigidly in position on the exterior of the wagon.

On the left hand side of the wagon when looking toward the front are arranged a plurality of panels 74 near the bottom of the wagon. On the same side of the wagon and positioned centrally is arranged a door 77 which extends from near the top to near the bottom of the wagon. Door 77 is preferably provided with glass panels, or may be constructed in any other desired manner. This door preferably is hinged to swing inwardly in order not to interfere with the movement of the screen door 78 which preferably swings outwardly. A suitable door sill 79 is provided and also suitable latches may be used for either of the doors as desired. Arranged upon the same side of the wagon as panels 74 are windows 80, 81 and 82 which preferably are rigidly secured into position.

Arranged in the back of the wagon body is window 50' which is hinged so as to swing inwardly and is provided with a suitable screen 51' for preventing any flies or the like from entering when the window is open. A comparatively large window 84 is arranged below window 50' and is preferably formed rigidly in position. Below window 84 is arranged a panel 85. At the rear of the wagon is a pantry or closet 86 provided with shelves and with doors in a similar manner to the pantry 58.

In forming the wagon the same is made as light as possible without unduly weakening the structure. Also a large number of

windows are provided in order to provide ample light and also to permit purchasers to observe the condition of the interior of the wagon, as well as the various merchandise for sale. Most of the windows are hinged in position and provided with screens in order to allow for ample circulation of air but to prevent the entrance of foreign matter and especially flies. Also by the provision of a large number of windows the merchandise is protected but anyone may inspect the same easily from the exterior of the wagon and a prospective purchaser may easily observe that the occupant of the wagon is ready for business.

What I claim is:

1. In a vending wagon a body formed with a bottom, side and end members, a door connected with one of said side members, a show case connected with one of said side members and extending substantially the full length thereof, a removable auxiliary show case secured in position at each end of said first mentioned show case and a dispensing door arranged substantially midway between said removable show cases.

2. In a caterer's wagon, a body formed with a flooring, sides and ends extending from said flooring, a covering connected to the top of said sides and ends, an entrance door positioned in one of said sides, a combined show case and counter positioned in the opposite side, means for storing merchandise on the interior of said body and a plurality of ventilating and light windows arranged near the top of said sides and ends.

3. In a caterer's wagon, a body formed with a floor, side and end members, a combined show case and counter, an auxiliary show case arranged near each end of said first mentioned show case and a distributing door arranged in the side of said body substantially midway of said first mentioned show case whereby merchandise to be vended may be placed upon said combined show case and counter.

In testimony whereof I affix my signature in presence of two witnesses.

DAD BOYLE.

Witnesses:

M. L. TAYLOR,
P. E. BOESEN.