W. J. CARMINE.

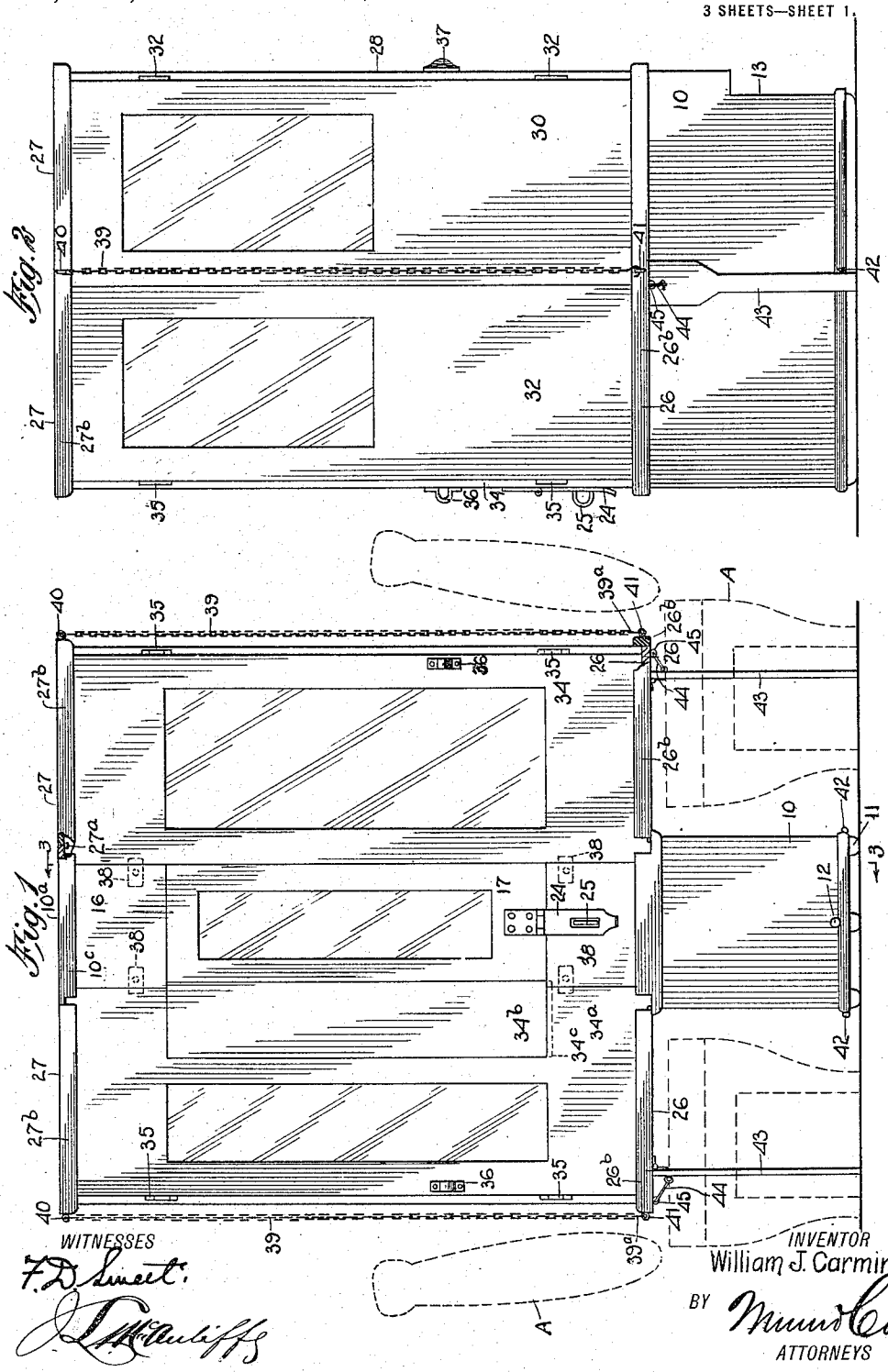
PORTABLE STAND.

APPLICATION FILED JAN. 19, 1915.

1,172,939.

Patented Feb. 22, 1916.

3 SHEETS—SHEET 1.



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3 SHEETS—SHEET 2.

Fig. 4

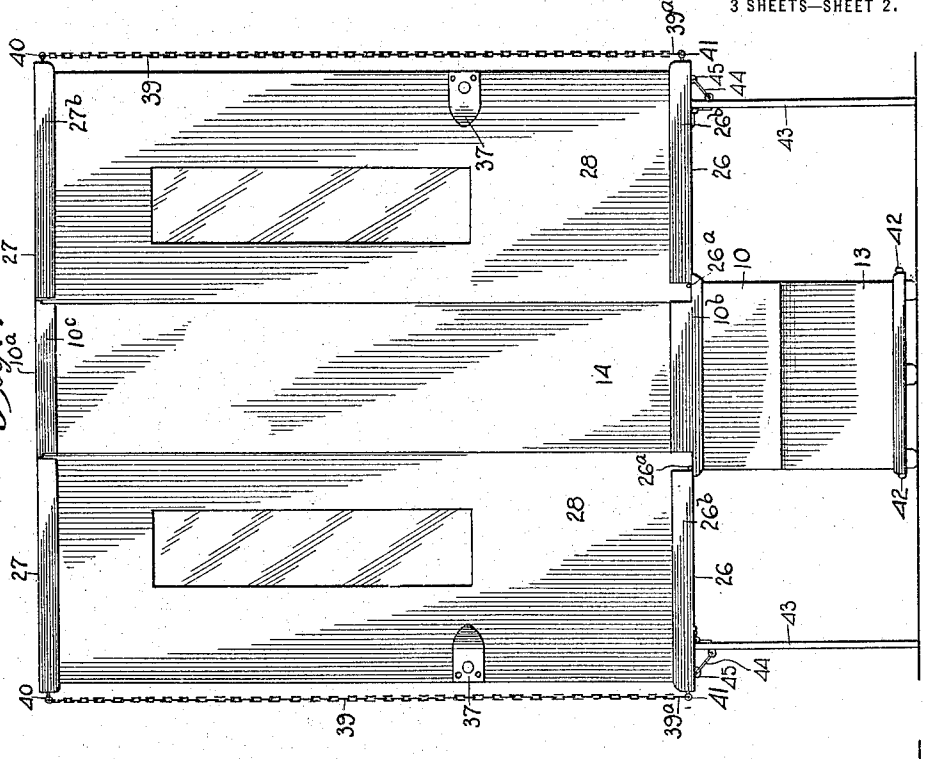
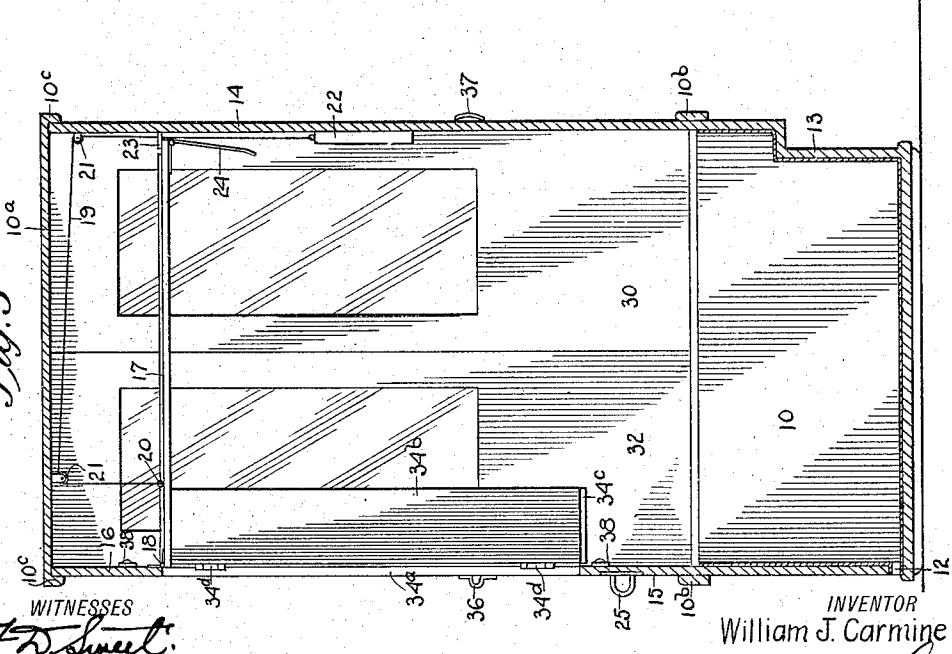


Fig. 3



WITNESSES

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3 SHEETS—SHEET 3.

Fig. 6

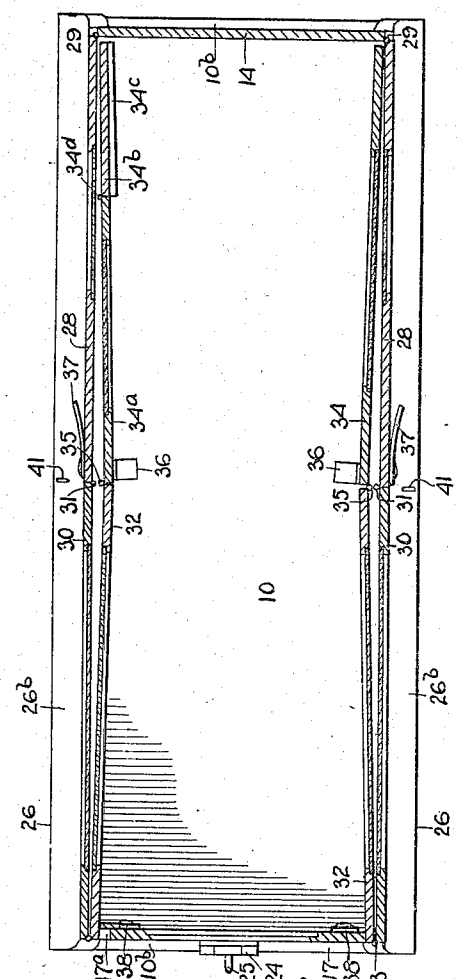


Fig. 5

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UNITED STATES PATENT OFFICE.

WILLIAM JAMES CARMINE, OF JACKSONVILLE, FLORIDA.

PORTABLE STAND.

1,172,939. Specification of Letters Patent. Patented Feb. 22, 1916.

Application filed January 19, 1915. Serial No. 3,058.

To all whom it may concern:

Be it known that I, WILLIAM J. CARMINE, a citizen of the United States, and a resident of Jacksonville, county of Duval, and State of Florida, have invented a new and Improved Portable Stand, of which the following is a full, clear, and exact description.

The present invention, while adapted to stands generally, relates more particularly to stands for railway trains and depots for the vending of publications, soda water, stationery, tobacco in its different forms, and other goods usually sold in such places.

In the vending of goods on trains, loss from theft and other causes is not infrequent owing to the inadequate provision made for the proper storage and safe-guarding of the supplies furnished to the vender; and it is an important part of my invention to provide a portable folding structure that may be temporarily set up in the space between two car seats, and afford ample accommodation for the storage and proper display of goods in large variety and in desirable quantities.

The invention will be particularly explained in the specific description following.

Reference is had to the accompanying drawings forming part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which:

Figure 1 is a front elevation of my improved structure set up for use, the view indicating conventionally in dotted lines two car seats; Fig. 2 is a side elevation of my improved structure; Fig. 3 is a sectional side elevation; Fig. 4 is a rear end elevation; Fig. 5 is a front elevation showing the structure in collapsed or folded form; and Fig. 6 is a horizontal section of the structure in the collapsed or folded form.

In carrying out my invention, a base structure 10 is provided, which preferably is of such dimensions as to fit between two car seats, as indicated in Fig. 1. The base structure 10 may be provided with any casters or short legs 11, and preferably it is made hollow as best shown in Fig. 3, to constitute a storage place for soda water or for other commodities or articles to be vended. A drain hole 12 is provided at the front end to drain off any water from the base structure. At the rear end, as seen best in Figs. 3 and 4, the base structure is offset at the top thereby providing a depression 13 at the lower portion whereby the base structure will fit over a radiator as usually provided in railway cars. On the base structure 10 a superstructure is erected. At the back the superstructure presents a fixed panel 14, and a fixed roof 10^a extends from the back panel 14 to the front. The front for the major portion consists of a vertical panel 17. Below the panel 17 a short fixed panel 15 rises from the front of the base structure 10 and at the upper end of the panel 17 is a member in the form of a short panel 16 depending from the front end of the roof 10^a. The panel 17 is hinged at its upper end as at 18 (Fig. 3) to swing upwardly, thereby providing a door-way at the front end. A cord or rope 19 is connected as at 20 with the panel 17 at the inside near the bottom, and runs over idlers 21 on the top 10^a and on back panel 14 near the top, the free end of the cord carrying a counter-balance weight 22 for the panel 17. The upward swinging movement of the panel 17 may be limited by a stop 23 at the inside of the fixed back panel 14 of the superstructure. To hold the door in closed position, suitable fastening means is provided consisting, in the present instance, of a hasp 24 on the panel adapted to engage a staple 25 so that if desired, the door may be locked as by a pad-lock 25^a (Fig. 5).

In connection with the base structure and superstructure a lateral folding structure is provided at each side to constitute lateral extensions on the base and superstructure and to overhang at each side above the base so that when the base structure 10 is placed between two car seats, the folding structure may be set up to extend over said seats. The lateral extension at each side consists of a vertically swinging bottom wing 26 connected by hinges 26^a with the base structure 10 at the top of the latter along the side thereof. At the top a roof wing 27 is hinged as at 27^a to the roof 10^a of the superstructure, there being wings 26, 27, at each side. In connection with the bottom and roof wings 26, 27, a series of folding vertical panels are provided, best seen in their entirety in Fig. 6. The panels at each side include an end panel 28 hinged as at 29 to a vertical side edge of the fixed panel 14 of the superstructure; side panels 30, 32, are provided, the panel 30 being hinged as at 31 to the adjacent vertical edge of the panel 28 and the panels 30 and 32 being

hinged to each other at their adjacent vertical edges by hinges 33. Finally, there is a free end panel 34 at one side and a free end panel 34ª at the other side, both being connected by hinges 35 with the adjacent vertical panels 32. It is to be observed, especially from Figs. 1, 3 and 6, that the panel 34ª is partly made up of an auxiliary panel or door 34ᵇ which, when the stand is set up for use, is associated with the door panel 17 and in effect is complementary thereto, to provide an ample door-way. The auxiliary panel 34 is hinged to the panel 34ᵇ by a hinge 34ᵈ, and it is provided at the bottom with an offset strip 34ᵉ to constitute a stop to limit the outward movement of the auxiliary panel and aline it with the main panel 34ª carrying the same and with the door panel 17 of the superstructure. To facilitate the folding and unfolding of the various panels of the extension structure, certain of the panels are provided at the outer side with grips or handles which may take any convenient form, there being shown loop handles 36 on the panels 34, 34ª adjacent to the hinges thereof and strap handles 37 on the panels 28.

In order to position the respective panels on the folding extension when the stand is set up, the bottom wings 26 have edge flanges 26ᵇ thereon and preferably these are of rubber to insure a proper fit of the panel against the said wing flanges, and to exclude dust. The roof wings 27 are provided with similar flanges formed of strips 27ᵇ to engage the upper ends of the respective extension panels. Similarly, there are provided at the bottom and front of the base structure 10 strips 10ᵇ to exclude dust, and conform to the flanges 26ᵇ on the bottom wings, and there are depending strips 10ᶜ on the roof 10ª. Strips 10ᵇ and 10ᶜ on base structure 10 and roof 10ª are to conform with the flanges on wings 26 and 27, and serve to prevent the stand from scratching the car when placed in position.

To aline the panels 34, 34ª with the front end panel 17 and the appurtenant elements 15, 16, turn buttons 38 or like fasteners are provided on the said elements 15, 16. It is to be observed from Figs. 5 and 6 that the door panel 17 of the superstructure is rabbeted along an edge thereof as at 17ª to accommodate the adjacent end panels of the extension structure.

The positions of the various panels of the folding lateral extensions of the stand will be understood by comparing Figs. 5 and 6 of the folded structure with the other figures showing the stand set up for use. In order to hold the collapsed extension either when set up for use or when collapsed, and secure the wings 26 and 27 and make the stand secure against theft, I provide fastening chains 39; these chains are secured at their upper ends to the outer edges of the roof wings 27 as by eyes 40, and means is provided to detachably engage said chains with the wings 26, there being illustrated for the purpose hooks 39ª on the chains 39 adapted to engage eyes 40 on the outer edges of the bottom wings 26. The hooks 39ª are moreover adapted to engage with eyes 42 on the base structure 10 at the sides of the latter when the collapsed lateral extensions are folded together as in Fig. 5.

It is to be understood that when the structure is placed between two car seats, the cushions of the said seats are removed, leaving the open frame-work of the seats. To support the wings 26 and the extended panels above the wings, I provide legs 43, hinged to each wing. These legs 43 are accommodated in the frame-work of the car seats, and rest on the car floor. Or the structure can be set up in a depot or other situation. To hold the legs 43 in supporting position, any suitable fastener may be employed; I have shown hooks 44 for the purpose, the hooks being secured to each leg and detachably engaging eyes 45 on the wings 26. By disengaging the hooks 44, the legs will fold with the panels and wings.

By my improved stand, venders of newspapers, publications, and other goods furnished on railway trains by the companies controlling these privileges, may be held more accountable for the loss of goods, since the stand can be set up in a car of the train, available for the proper keeping of the goods. When collapsed the stand is portable, so that it may be readily placed in position. Moreover, a larger variety of goods may be handled and may be displayed to advantage.

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

1. A folding stand comprising a base structure; a superstructure on said base structure the superstructure including end panels at the back and front, one of said end panels being hinged to swing upwardly and the other being fixed; and a laterally folding structure forming a lateral extension of the said base and superstructures, and comprising the following elements: a vertically swinging bottom wing at a side of the base structure and hinged to the latter near the top, a vertically swinging roof wing hinged to the said superstructure at the top, and a series of vertical panels hingedly connected with one another at opposed vertical edges, the said panels of the folding extension consisting of a panel forming a foldable extension of the adjacent fixed panel of the superstructure and hinged to the latter, intermediate panels forming a side of the folding structure, and a panel at the free end of the folding structure and forming a folding

extension of the adjacent vertically swinging panel of the superstructure.

2. A folding stand comprising a base structure; a superstructure on said base structure comprising a fixed panel at one end and a swinging panel at the other end constituting a door; and a lateral folding structure forming a lateral extension of the base and superstructures, said folding structure consisting of a series of panels hinged together at their adjacent vertical edges, the panel at one end of the structure being hinged to the fixed panel on the superstructure and the panel at the opposite end of the folding structure being movable to a position into approximate alinement with the swinging panel of the superstructure and provided with a hinged auxiliary panel constituting an auxiliary door adjacent to said swinging panel.

3. A stand of the character described comprising a folding structure and a relatively fixed structure, said first mentioned structure having side and end members foldably connected with one another, one of said end members being hinged to the said fixed structure, and foldable members on the fixed structure forming the top and bottom of the folding structure, and a flexible securing device of a length to extend between the said top and bottom members when the latter are unfolded, said securing device having a detachable engagement with the bottom member, and means to engage the said end of the securing device and the fixed structure when the structure is folded.

4. A stand of the character described comprising a folding structure and a relatively fixed structure, said fixed structure comprising a base and a superstructure, and said folding structure comprising the following elements: top and bottom wings hinged to the top of the base to fold in a vertical plane, top wings hinged to the top of the superstructure, folding sides formed of a series of panels hinged to one another, one end panel having a hinge connection at a vertical edge thereof with the superstructure, and legs hinged to the bottom wings.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM JAMES CARMINE.

Witnesses:

M. M. SEGAL,

L. A. MENDELSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."