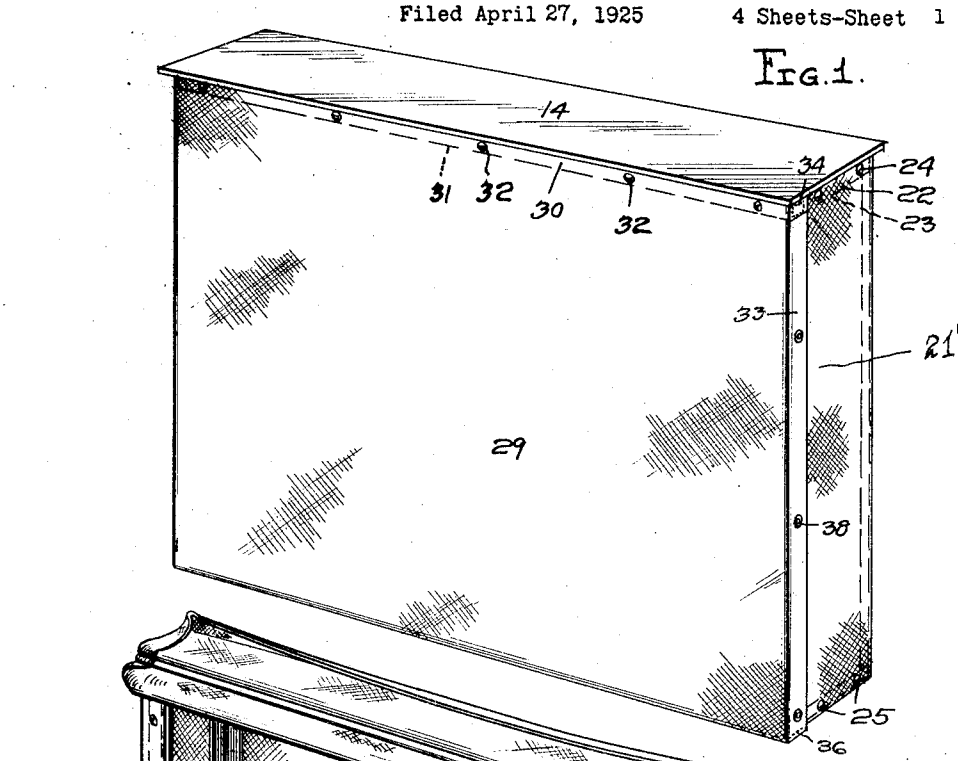
Dec. 25, 1928. 1,696,286

J. I. SMITH

COMBINED TENT, BED, AND CASE

Filed April 27, 1925 4 Sheets-Sheet 1

FIG. 1.



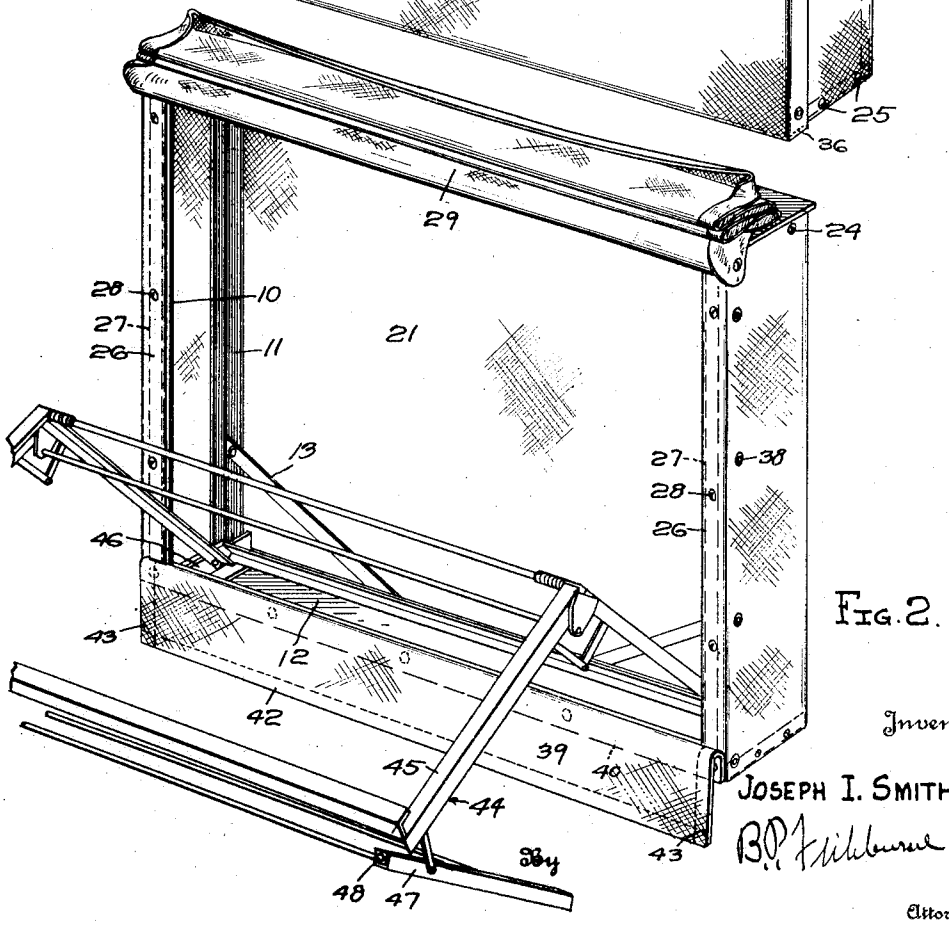


FIG. 2.

Inventor

JOSEPH I. SMITH,

By B. P. Fishburne

Attorney

Dec. 25, 1928. 1,696,286

J. I. SMITH

COMBINED TENT, BED, AND CASE

Filed April 27, 1925 4 Sheets-Sheet 2

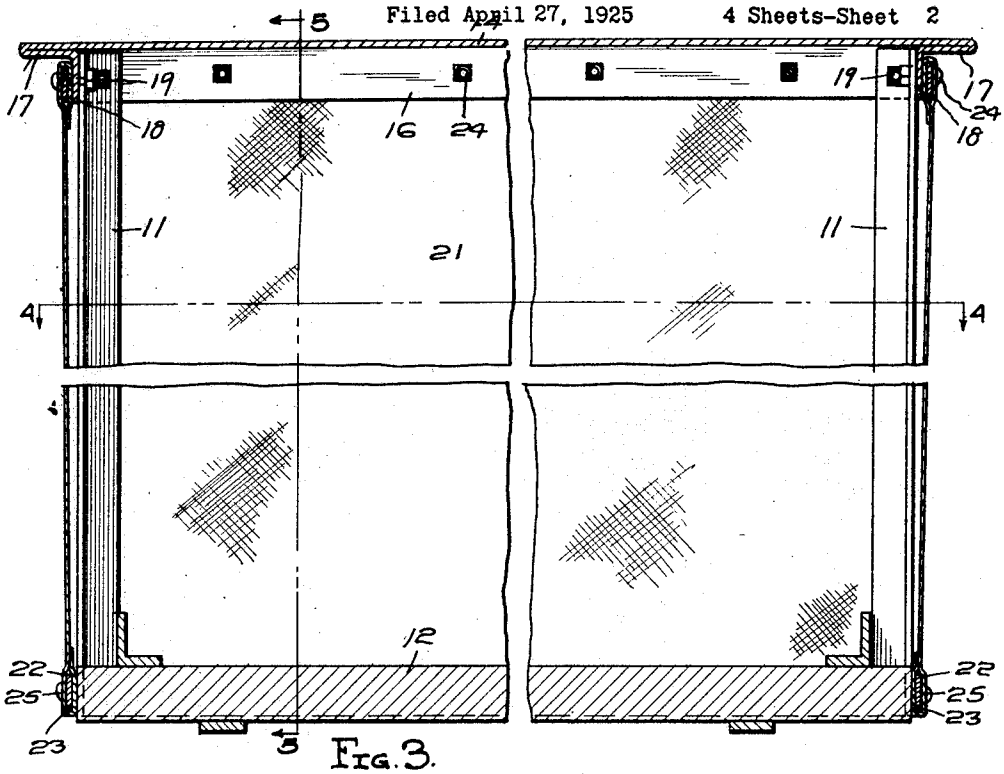


FIG. 3.

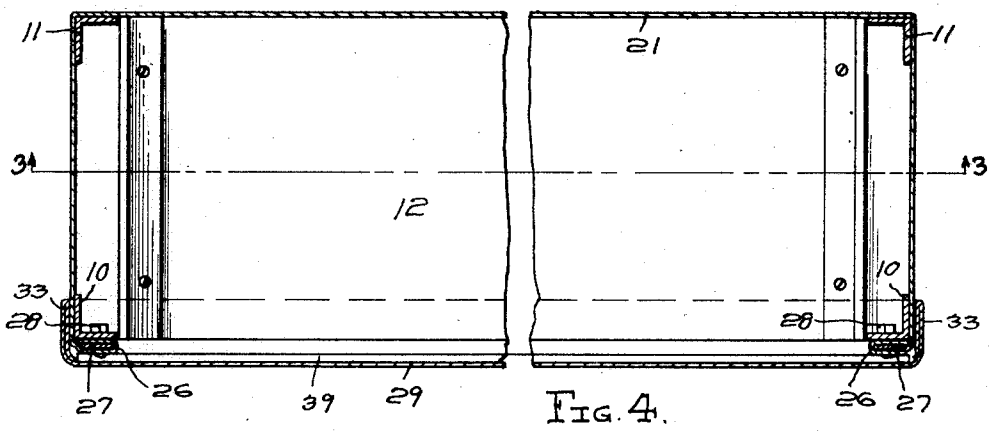


FIG. 4.

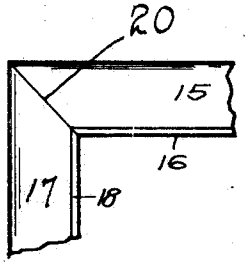


FIG. 4A.

Inventor

JOSEPH I. SMITH,

By B P Fitzburne

Attorney

Dec. 25, 1928. 1,696,286

J. I. SMITH

COMBINED TENT, BED, AND CASE

Filed April 27, 1925 4 Sheets-Sheet 3

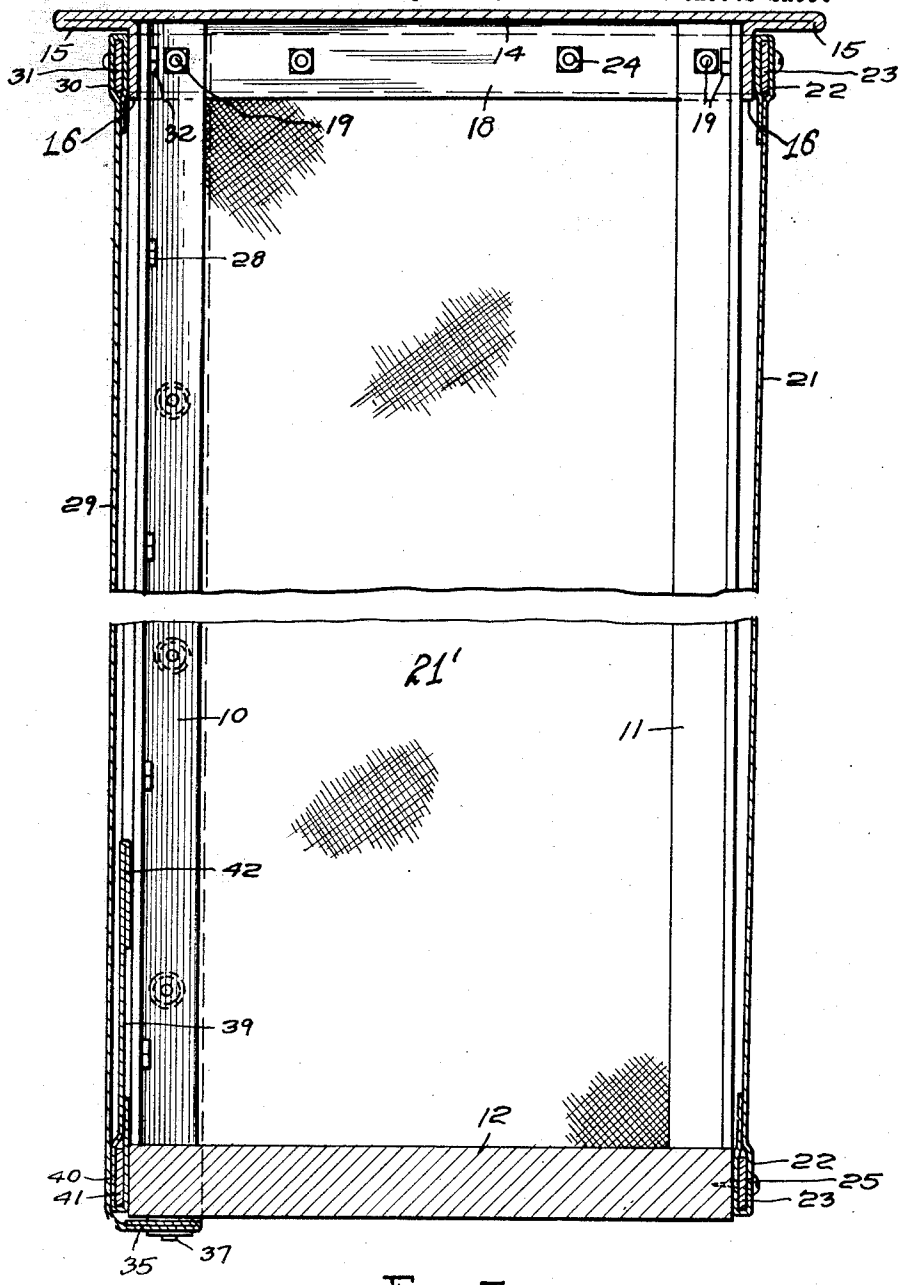


FIG. 5.

Inventor

JOSEPH I. SMITH,

By B. P. Fillebrown

Attorney

Dec. 25, 1928. 1,696,286

J. I. SMITH

COMBINED TENT, BED, AND CASE

Filed April 27, 1925 4 Sheets-Sheet 4

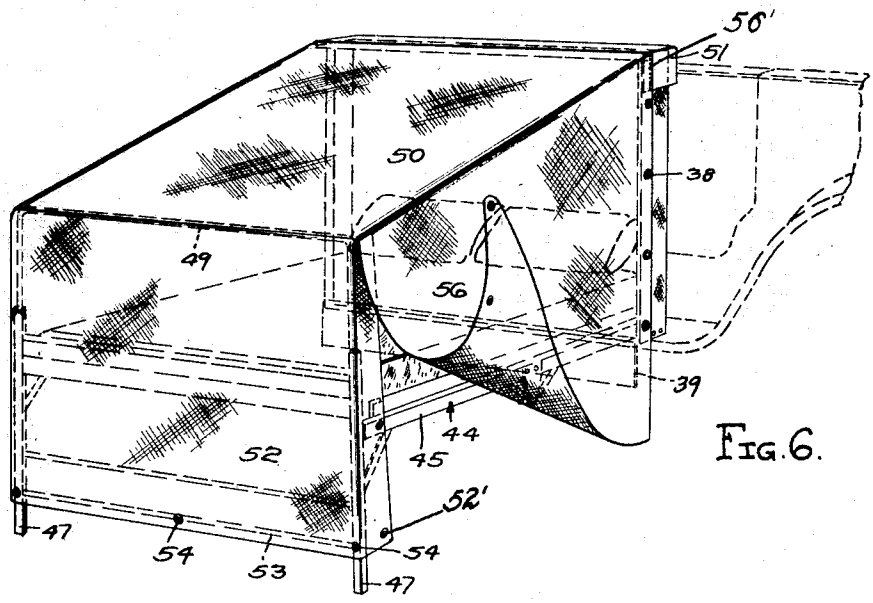


FIG. 6.

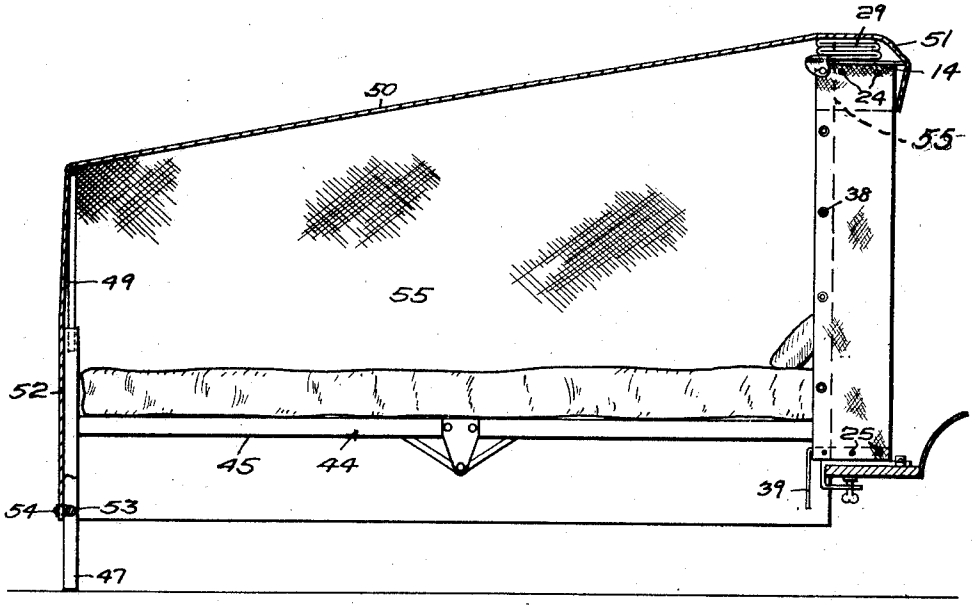


FIG. 7.

Inventor

JOSEPH I. SMITH,

By B P Tibbetts

Attorney

Patented Dec. 25, 1928. 1,696,286

UNITED STATES PATENT OFFICE.

JOSEPH I. SMITH, OF OGDEN, UTAH.

COMBINED TENT, BED, AND CASE.

Application filed April 27, 1925. Serial No. 26,230.

My invention relates to a case to be mounted upon the running board of an automobile, or at any other suitable point thereon, for receiving a folding bed, of the type shown in my copending application for folding bed, Serial No. 668,144, filed October 12, 1923, while not necessarily restricted to this use.

An important object of the invention is to provide a case of the above mentioned character which is simple in construction, strong, durable, cheap to manufacture, and will properly exclude the weather or rain.

A further object of the invention is to provide a tent or canopy for use in connection with the case and folding bed.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a perspective view of a case, embodying my invention, showing the same closed,

Figure 2 is a similar view, showing the case open and the folding bed partly open,

Figure 3 is a longitudinal vertical section taken on line 3—3 of Figure 4.

Figure 4 is a horizontal section taken on line 4—4 of Figure 3,

Figure 5 is a transverse vertical section taken on line 5—5 of Figure 3,

Figure 6 is a perspective view of the case and folding bed, opened, with a canopy or tent applied thereto, and,

Figure 7 is a side elevation of the same, parts being shown in longitudinal section.

Figure 4ª is a fragmentary bottom plan view of one corner of the top.

In the drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention the case embodies front and rear vertical legs or bars 10 and 11, preferably in the form of angle irons. At their lower ends, these legs are disposed about the corners of a base 12, which may be formed of wood or the like. The rear legs may be further connected with the base by diagonal braces 13, as shown. The top of the case is designated by the numeral 14 and is preferably formed of sheet metal. The longitudinal edges of the top are bent down and inwardly upon themselves, forming horizontal flanges 15, from which depend vertical longitudinal flanges 16. The top 14, at its ends, is bent inwardly upon itself providing horizontal flanges 17 carrying depending vertical flanges 18. The longitudinal flanges 16 and transverse flanges 18 form in effect, a rectangular frame, and this frame receives in the corners thereof, the upper ends of the posts 10 and 11. These posts have their sides bolted or otherwise rigidly secured to the flanges 16 and 18, as shown, at 19. As clearly shown in Figure 4ª, the adjacent edges 20 of the flanges 15 and 17 are beveled, to secure a close fit.

The back of the case embodies a section of flexible material 21, which may be fabric, such as canvas or the like, oil-cloth, leather, or any other suitable material. This section of fabric is provided at its top and bottom with hems 22, which are adapted to receive reinforcing strips 23, which may be of metal or any other suitable material. The fabric is applied to the back of the frame and is extended over the ends of the same, and the upper hemmed portion of the fabric is attached to the flanges 16 and 18, by bolts 24 or the like, passing through the strip 23, and the lower portion of the fabric is attached to the base 12 by screws 25 or the like also passing through the lower strip 23. The forward edges of the fabric are provided with vertical hems 26, receiving reinforcing strips 27, Figure 4, which may be secured to the front posts 10 by bolts 28 or the like, as shown.

The front side of the case is open and is adapted to be covered by a flexible cover or closure element 29, which may be a piece of fabric such as canvas, oilcloth, leather, or any other suitable material. The upper edge of this flexible cover is provided with a hem 30, Figure 5, receiving a reinforcing strip 31, which may be formed of metal or other suitable material. This upper hemmed end is attached to the front longitudinal flange 16 by means of bolts 32 or the like. The ends of the hem 30 extend beyond the ends of the case and are adapted to overlap such ends. If desired, these overlapping ends of the hem 30 may be secured to the ends 21′ of the fabric 21 by stitching 34 or the same may be secured to the frame by bolts or the like. The vertical edges of the cover are preferably hemmed as shown at 33′ but these hems have no reinforcing strips there-

in. The cover 29 is provided at its bottom with a hem 35, Figure 5, which is stitched at its opposite ends to the lower ends of the hem 33, as shown at 36. When the cover 29 is in the lower closed position, the hem 35 is arranged beneath the bottom of the base 12, and is detachably secured thereto by snaps or catches 37. The vertical hems 33 are also detachably secured to the ends of the case by detachable snaps or catches 38. A closure flap 39 is provided, which may be equipped with a longitudinal hem 40 at its bottom receiving a reinforcing strip 41, secured to the front edge of the base 12 by screws or the like. The upper longitudinal edge of this strip has a hem 42 but this hem does not receive a reinforcing strip and the same may also have vertical hems 43 receiving no reinforcing strips. When the flexible cover 29 is in the closed position, Figure 5, the closure flap 39 is arranged vertically behind the same, as shown. The case is adapted for receiving a folding bed 44, of the type shown in my co-pending application for folding bed, Serial No. 668,144, filed October 12, 1923. This folding bed embodies generally rail sections 45, which are hinged at their inner ends. The inner rail sections 45 are hinged to transverse rails 46, rigidly mounted upon the base 12, at its ends. The outer rails 45 carry foldable legs 47.

I propose to provide the legs 47 at their upper ends with openings 48, for removably receiving an inverted U-shaped support 49, as shown.

The case is rigidly mounted upon the running board or the like of the automobile, by any suitable means.

As clearly shown in Figures 6 and 7, I provide a tent or canopy, comprising an inclined top 50, provided at its upper end with a hood or pocket 51, which is adapted to fit over the upper end of the case. The top 50 inclines downwardly toward the support 49 and is provided at its lower end with a depending end curtain 52. This end curtain may be suitably detachably secured to the transverse brace 53 of the legs by snaps 54 or the like. One side of the canopy or tent is covered by a permanently closed side 55, which may be integral with the top 50 and sewed or otherwise secured to the vertical edge of the end curtain 52. One end of the hood or pocket 51 is stitched to the side 55, as shown at 55′. The opposite side of the tent is adapted to be closed by a movable curtain 56. One end of the hood or pocket is stitched to the curtain 56, as shown at 56′. One edge of this curtain is adapted to be detachably connected with the end curtain 52, by snaps 52′, while its opposite vertical edge may be secured to the side of the case, by the same snaps 38, which are employed to hold the front cover 29 closed. The opposite side 55 has its inner vertical edge detachably secured to the opposite end of the case, by the snaps 38, as is obvious.

In view of the foregoing description, it is thus seen that a substantially rain proof canopy, tent or cover is provided for the folding bed and case, when opened. This cover or canopy is of course readily removable and may be conveniently folded and stored within the case.

In view of the foregoing description it is thought that no further explanation of the invention is necessary, for its complete understanding.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of my invention or the scope of the subjoined claims.

Having thus described my invention, I claim:

1. A relatively tall substantially vertical stationary case adapted to be mounted upon a portion of an automobile or the like, said case being closed except at its outer side, a folding bed embodying inner and outer bottom sections having their inner ends hinged together so that the outer bottom section may be swung vertically transversely with relation to the inner bottom section, means for pivotally connecting the inner end of the inner bottom section with the bottom of said case so that the inner bottom section may be swung vertically and transversely with relation to said case, said case projecting above the bottom sections when they are horizontally arranged and adapted to receive the bottom sections when they are in the vertical collapsed condition, means for supporting the outer bottom section when in the horizontal position, a substantially vertical support carried by the outer bottom section, and a tent to cover the bed, said tent including a top, sides, and end, said top having a pocket to detachably engage over the top of the substantially vertical case, said end engaging over the support, means for attaching the inner ends of the sides of the tent to the ends of the case, one side being movable to afford ready access to the bed.

2. A tall substantially vertical stationary case adapted to be mounted upon a portion of an automobile or the like, a flexible curtain to cover the outer side of the case and adapted to be folded and supported upon the top of the case, a folding bed pivotally connected with the lower end of the case to swing vertically and transversely thereof and adapted when collapsed to be contained within the case, said bed embodying bottom sections hinged together to partake of relative

vertical transverse swinging movement, said bed embodying an outer portion including legs having openings in their upper ends, an inverted approximately U-shaped support having its ends removably mounted within said opening, and a tent to cover the bed, said tent comprising a top, sides, and an end, said top having a pocket to engage over the top of the substantially vertical casing with the folded curtain supported upon such top, means to detachably connect the end of the tent with said legs, means for detachably connecting the inner edges of said sides with the case, one side being movable to afford ready access to the bed.

3. A case comprising a base, a top formed of a sheet having its material at its edges bent downwardly and inwardly to provide horizontal flanges and then downwardly at the inner ends of the horizontal flanges to provide vertical flanges, said vertical flanges forming in effect a frame, posts connecting the base and said frame, a section of flexible material covering the back and ends of the case and attached to the frame and base, and a flexible front cover attached at its upper ends to said frame and provided at its sides with extensions projecting over the ends of the case and at its bottom with an extension projecting beneath the base, means for detachably connecting said side extensions with the ends of the case, and means for detachably connecting the bottom extension with the said base.

4. A case comprising a base, a top arranged above the base, posts connecting the top and base, a section of flexible material covering the back and end of the case, said section having longitudinal hems at its top and bottom and vertical hems at its ends, reinforcing strips within the horizontal hems and secured to the top and base, reinforcing strips within the vertical hems and secured to the front posts, a flexible cover for the open side of the case having its upper end secured to said top, and means for detachably connecting the vertical edges of the flexible cover with the ends of the case.

5. A case comprising a base, a top arranged above the base, posts connecting the top and base, a fabric covering for the back and ends of the case secured to the top and base, a lower flexible flap attached to the base and adapted to cover the lower portion of the open side of the case, and a flexible cover for the open side permanently secured at its upper end to said top and extending downwardly below the base, and means for detachably connecting the lower end of the cover with the lower side of the base.

In testimony whereof I affix my signature.

JOSEPH I. SMITH.