May 7, 1929. G. B. HIEBER 1,711,784

WARDROBE TRAY

Filed Jan. 10, 1928

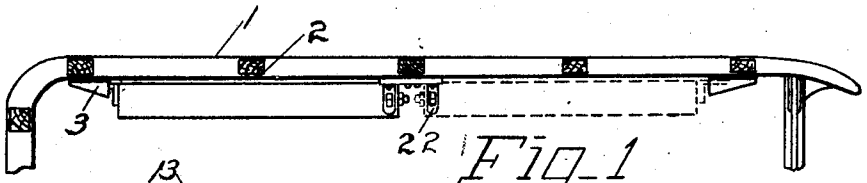


Fig. 1

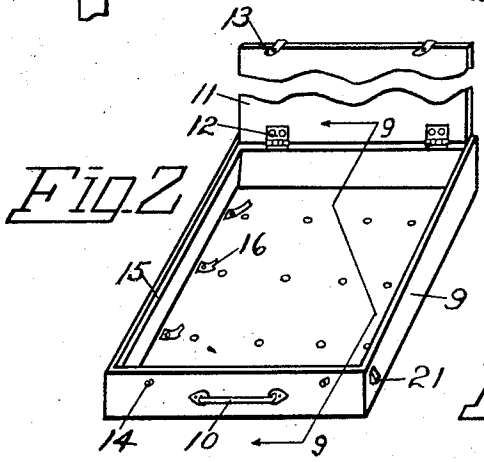


Fig. 2

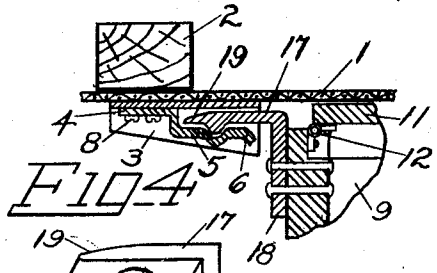


Fig. 4

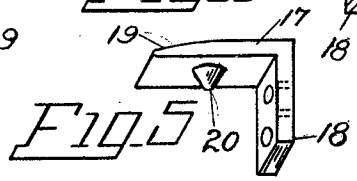


Fig. 5

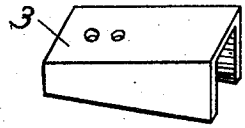


Fig. 7

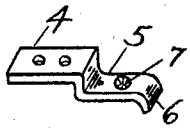


Fig. 6

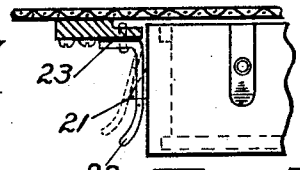


Fig. 8

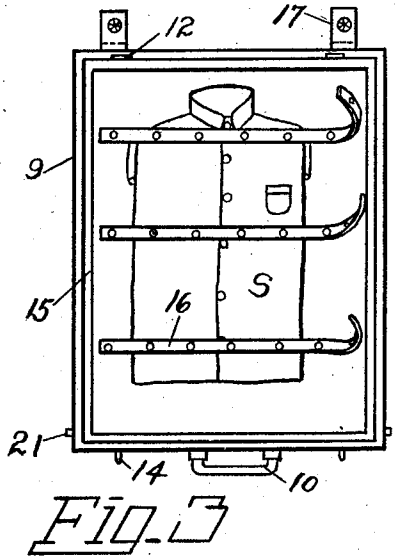


Fig. 3

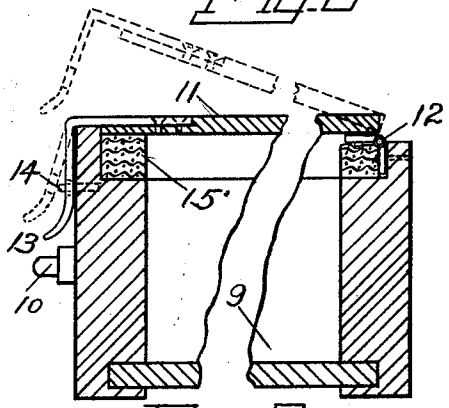


Fig. 9

Inventor

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Patented May 7, 1929. 1,711,784

UNITED STATES PATENT OFFICE.

GEORGE B. HIEBER, OF MARYSVILLE, MONTANA.

WARDROBE TRAY.

Application filed January 10, 1928. Serial No. 245,688.

My present invention relates to an improved wardrobe tray which, while adapted for various uses, is especially designed for use in connection with closed or open automobiles and adapted to be carried in the ceiling portion of a closed car. The tray is designed to be used and carried in a manner similar to a suitcase, and is of course portable so that it may be conveyed from the automobile to a hotel or other place.

The invention consists in certain novel combinations and arrangements of parts whereby the tray is suspended or supported in the ceiling of the car and any means by which the tray may with facility and convenience be dislodged from the car and carried to the destination.

In the accompanying drawings, I have illustrated one complete example of the physical embodiment of my invention in connection with the roof or ceiling of a closed automobile, in which the parts are combined and arranged according to the best mode I have so far devised for the practical application of the principles of my invention.

Figure 1 is a longitudinal section showing the roof portion of a closed car with a tray shown in full lines near the rear of the car, and in dotted lines a tray is indicated near the front of the car.

Fig. 2 is a perspective view of the tray with its lid open, broken away for convenience of illustration.

Fig. 3 is a plan view of the tray with the lid open, showing a garment carried in the tray.

Fig. 4 is an enlarged detail sectional view showing one of the suspending devices by which the tray is supported in the roof of the car.

Fig. 5 is a perspective view of one of the suspending brackets carried by the tray.

Fig. 6 is a perspective view of one of the supporting brackets carried by the roof of the car.

Fig. 7 is a perspective view of a house for the roof bracket.

Fig. 8 is a detail view showing snap springs or plates for securing the tray.

Fig. 9 is a longitudinal sectional view of the tray partly broken away, for convenience of illustration.

In order that the general arrangement and relation of parts may readily be understood, I have shown the top or roof portion 1 of a closed car, together with cross braces 2, from which the trays are supported.

On the cross braces 2 are attached a pair of spaced bracket housings 3, which are fashioned in channel iron shape and securely fastened to the cross braces. In each of these housings a supporting bracket is fixed, which comprises an attaching plate 4 and bracket 5, with a curved end 6. In the top face of the bracket 5 is formed a depression or socket 7, and the bracket plate 4 and housing 3 are provided with bolt or screw holes to accommodate the attaching bolts or screws 8, which pass through the plate and housing and are secured in the cross piece 2. There are two of these supporting brackets attached to the cross braces 2 at opposite sides of the longitudinal center of the car, and the tray 9 is designed to be supported at its rear end from these supporting brackets.

The tray 9 is provided with a handle 10 similar to a suitcase handle, and the lid 11 of the tray is hinged thereto at 12. A snap fastener 13 for the lid slips over pins 14 on the tray, and by this means the lid is securely fastened to the tray and may with facility be released and turned back to open position, as indicated in Fig. 2. To prevent the lid from rattling, I provide a cushion 15 in the top walls of the body of the tray, and the lid rests against this cushion to prevent rattling. In Fig. 3 a plurality of retaining straps or tapes 16 are employed to hold the garments as a shirt S in place in the tray. These straps have snap fasteners that co-act with complementary parts in the body of the tray, and are used to hold the garment in compact position. The tray is provided with a pair of lugs 17, each having an attaching plate, as 18, which plate is secured to the tray, and the lug 17 is provided with a tapered face 19 and a boss 20 on the under side of the lug. These lugs, it will be apparent, are designed to slip between the housing 3 and the bracket 5, and the bosses are designed to snap into the recesses 7 of the brackets 5. In placing the tray in the ceiling of the car, the tray is bodily supported, and the two lugs 17 are slipped into their complementary housings so that the bosses 20 rest in their sockets 7, and the tray is not only suspended or supported but is also prevented from becoming displaced or from swinging as the car travels. In ad-

dition to the rear suspending and supporting brackets for the tray, I provide means toward the front of the tray for supporting the latter and this means includes side lugs 21 firmly attached to the tray and projecting laterally therefrom. These lugs are designed to project through slots in the spring clips 22, which are fastened at 23 to the ceiling or cross-bars 22 of the car. The spring clips 22 project downwardly and are curved outwardly so that, after the rear brackets of the tray have been properly connected, the front portion of the tray may be lifted to bring the tray to horizontal position, and the tray enters between these two downwardly extending spring clips 22, the lugs 21 snap into the slots of the clips, and these lugs now hold the front portion of the tray.

When it is desired to release and remove the tray, the handle 10 is grasped, the two spring clips 22 are released from the lugs 21 to permit the front end of the tray to swing downwardly, and the bracket lugs 17 carried by the tray are thereby swung out of the bracket housings 3, and the tray is released for carrying to its destination.

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

1. The combination with a support and a pair of housings, of a pair of supporting brackets secured in said housings and having sockets therein, a tray having bracket lugs and bosses on said lugs adapted to co-act with said sockets, and detachable means for securing the front of the tray.

2. The combination with a support, a pair of spaced housings and brackets secured in said housings and each provided with a depression, of a tray having a pair of spaced bracket lugs and bosses on the under faces of said lugs, a pair of lateral lugs near the front of the tray, and a pair of complementary slotted spring clips attached to the support.

3. The combination with a support, a pair of housings, and a bracket within each housing, of a removable tray having spaced, rear, lugs to engage in said brackets, co-acting retaining means on the brackets and lugs, and detachable supporting means for the front of the tray.

In testimony whereof I affix my signature.

GEORGE B. HIEBER.