June 3, 1924. 1,496,662

F. G. DYER

SUITCASE

Filed Dec. 5, 1922 3 Sheets-Sheet 1

Fig. 1.

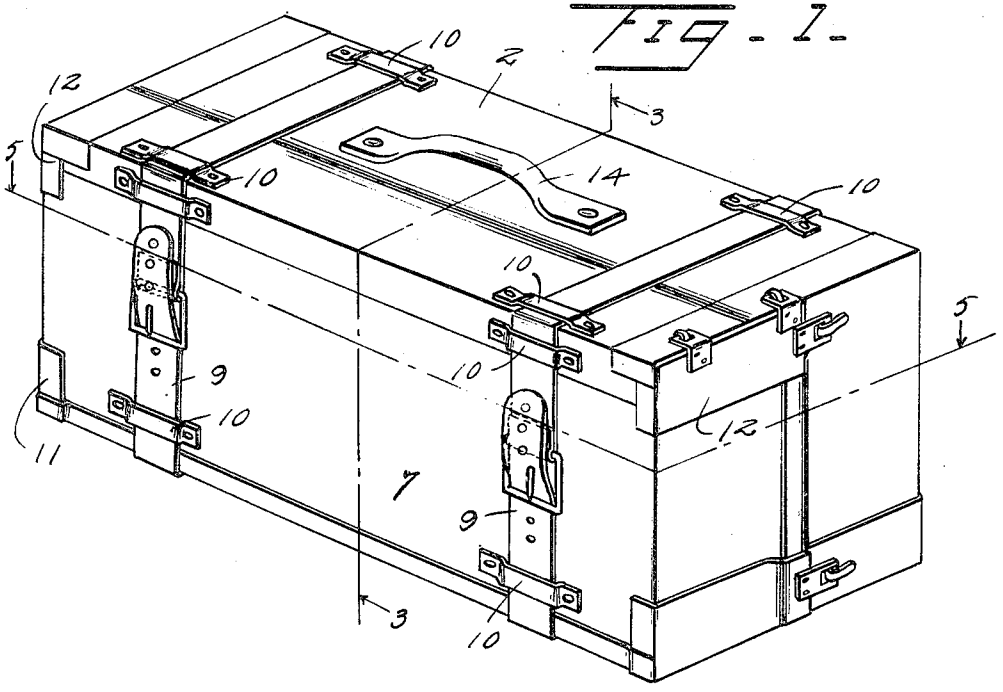
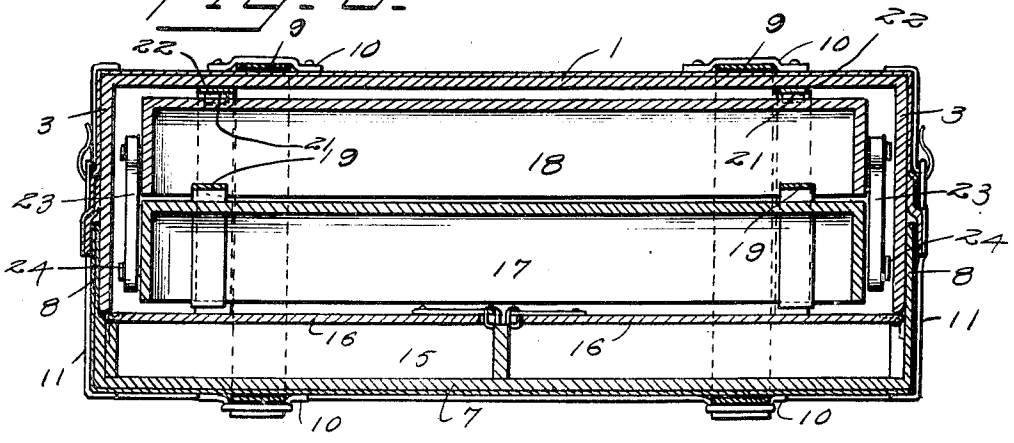


Fig. 5.



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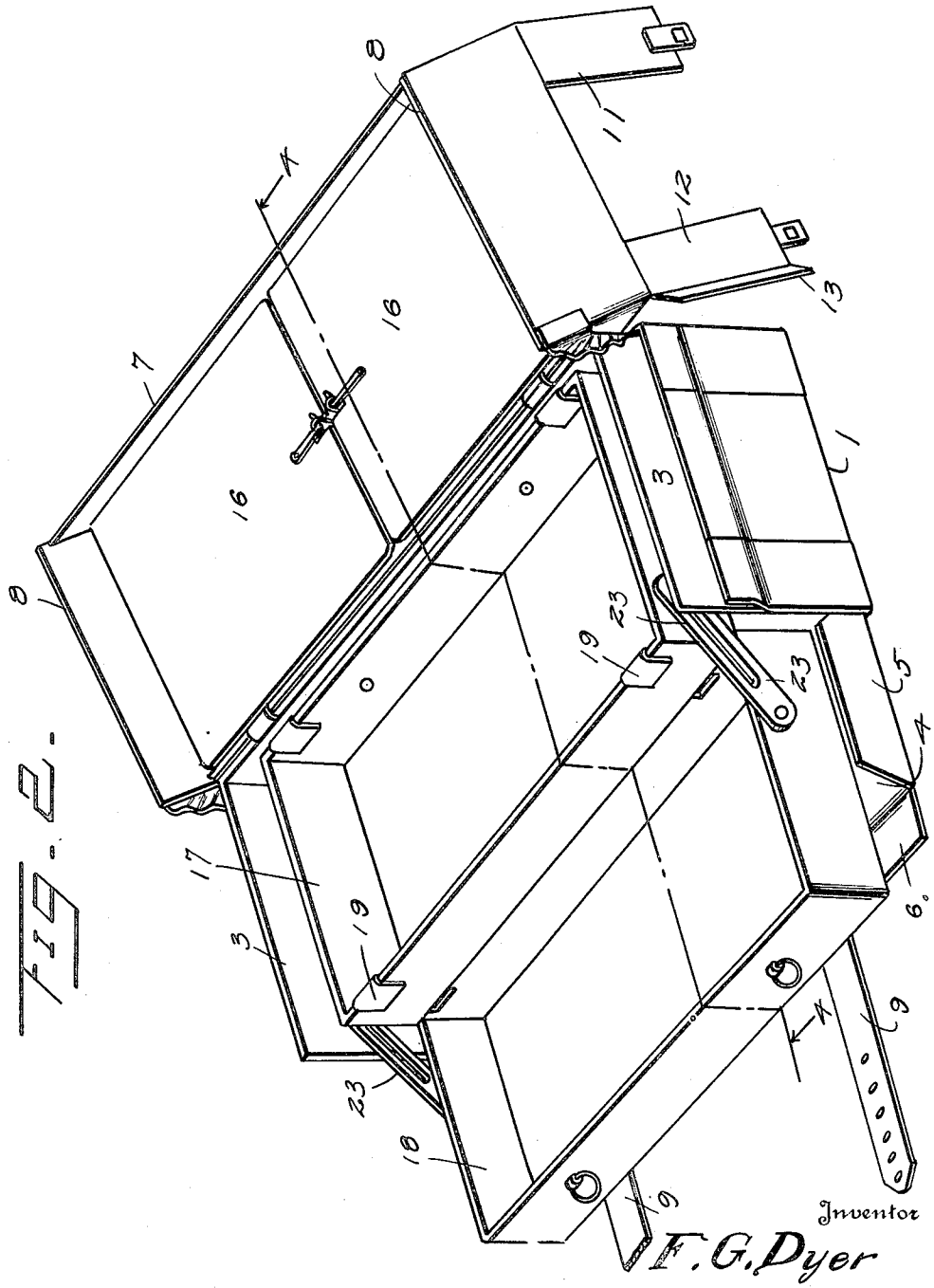


Fig. 2.

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SUITCASE

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Fig. 3.

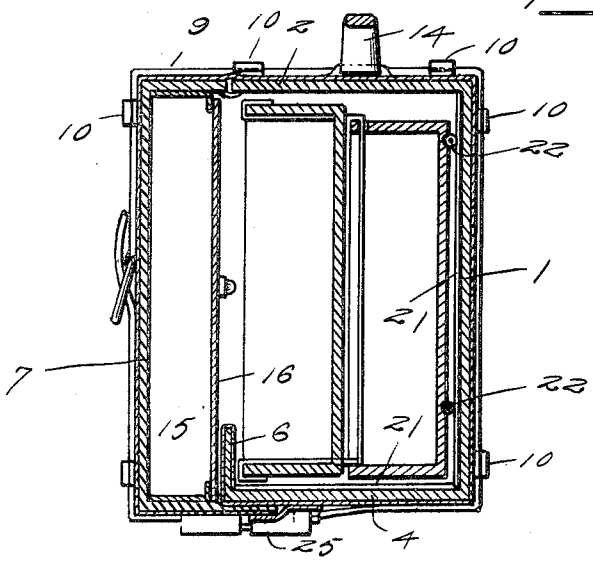


Fig. 4.

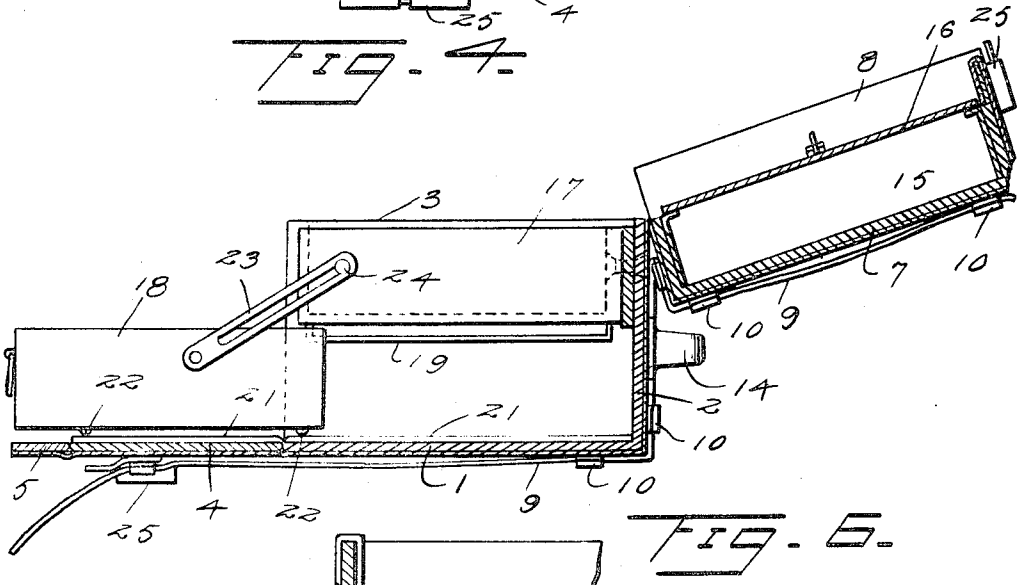
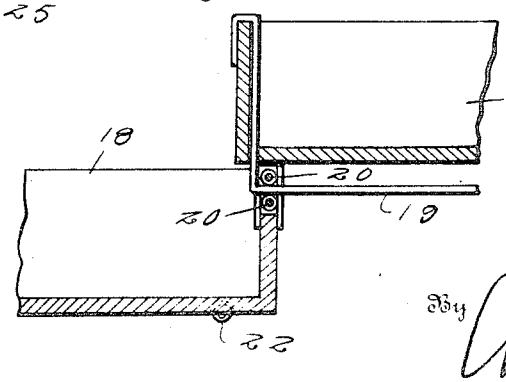


Fig. 6.



Inventor

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By W. Randolph Jr. Attorney

Patented June 3, 1924. 1,496,662

UNITED STATES PATENT OFFICE.

FRANK G. DYER, OF McALESTER, OKLAHOMA.

SUITCASE.

Application filed December 5, 1922. Serial No. 605,050.

To all whom it may concern:

Be it known that I, FRANK G. DYER, a citizen of the United States, residing at McAlester, in the county of Pittsburgh and State of Oklahoma, have invented certain new and useful Improvements in Suitcases; 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.

The invention provides a suit case embodying trays and compartments for receiving sundry articles, whereby to keep the same separated and thereby facilitate the obtaining of any required article without disturbing articles contained in other compartments.

Other objects and advantages will be apparent and suggest themselves as the nature of the invention is understood.

While the drawings illustrate an embodiment of the invention it is to be understood that in adapting the same to meet different conditions and requirements, various changes in the form, proportion and minor details of construction may be resorted to without departing from the nature of the invention.

Referring to the accompanying drawings forming a part of the application,

Figure 1 is a perspective view of a suit case embodying the invention, showing the same closed and in position for carrying by the handle,

Figure 2 is a perspective view of the suit case, the top being thrown backward and the bottom tray drawn outward upon the lowered front,

Figure 3 is a transverse section on the line 3—3 of Figure 1,

Figure 4 is a transverse section on the line 4—4 of Figure 2,

Figure 5 is a longitudinal section on the line 5—5 of Figure 1,

Figure 6 is a sectional view of a modification, showing the bottom straps of the top tray attached to the sides thereof and passing between pairs of rollers at the top of the back of the bottom tray.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawings by like reference characters.

The body of the suit case comprises a bottom 1, a fixed back 2 and ends 3 and a swinging front 4 which is adapted to be lowered so as to occupy a position in the plane of the bottom 1. The swinging front 4 is provided with end flaps 5 and a top flap 6, the end flaps 5 overlapping the forward vertical edges of the ends 3 when the front 4 is in closed position. The top flap 6 extends inwardly when the front 4 is closed so as to overhang the space formed between the front 4 and the trays disposed within the body of the case.

The top 7 is hinged to the upper edge of the back 2 and is provided at its edges with flanges 8 to overlap the sides of the body and insure a closed joint to prevent entrance of dust or foreign matter and the loss of any small article. The suit case when closed is made secure by encompassing straps 9 which are adapted to be buckled and which are retained in place by means of loops or keepers 10. Short straps 11 are attached to the outer or front corners of the top 7 and are adapted to be made fast to the upper front corners of the ends 3. Other straps 12 are attached to the rear corners of the top 7 and are adapted to be made fast to the upper rear corners of the ends 3. The straps 12 are provided with flaps 13 along their outer rear edges which are adapted to overlap the rear of the top and body of the suit case to which they are attached by suitable fastening means. A handle 14 is attached to the outer side of the back 2 in any substantial manner and serves as convenient means for carrying the suit case in a manner well understood.

A compartment 15 is provided in the top 7 for receiving sundry articles and this compartment is closed by doors 16 which are adapted to be made secure by any preferred fastening means. If preferred, the compartment 15 may be partitioned as indicated and each division may be closed by means of a door 16.

Two trays 17 and 18 are disposed within the body of the suit case, the top tray 17 forming a closure for the bottom tray 18 and in turn adapted to be closed by the top 7. The top tray 17 is fixed and is preferably made fast to the upper portion of the back 2. The bottom tray 18 is slidable from beneath the tray 17 and is limited in its outward movement by means such as straps 19 at the bottom of the tray 17 engaging the upper

portion of the back of the tray 18. The straps 19 are disposed at the ends of the tray 17 and are attached to the sides thereof. In the preferred form, the ends of the straps 19 pass upwardly through the bottom of the tray 17 along the inner faces of the sides thence over the upper edges of said sides and are clinched against the outer faces thereof. In the modification shown in Figure 6, the ends of the straps 19 are bent against the outer faces of the sides of the tray 17 and are riveted or made fast thereto in any preferred way. Rollers 20, applied to the upper edge of the back or rear side of the tray 18, engage the straps 19 and these rollers may be single or provided in pairs as indicated in the modification in Figure 6. Straps 21 are attached to the inner side of the bottom 1 and front 4 and constitute tracks for the bottom tray 18 to slide upon. Rollers 22 are applied to the bottom side of the tray 18 in position to run upon the straps or track 21 and thereby facilitate the sliding movement of the tray 18 as well as to reduce wear to the smallest amount possible. The rollers 20 reduce the friction between the two trays 17 and 18 to the smallest amount possible so that the bottom tray 18 may be readily drawn outwardly or moved inwardly. Links 23, pivoted to the ends of the bottom tray 18, are longitudinally slotted and engage pins 24 at the ends of the top tray 17. These links 23 serve to support the bottom tray 18 when the same is drawn outwardly and the suit case is supported upon a chair or other article and which does not extend beneath the front 4 to form a support therefor.

When the suit case is closed, the bottom tray 18 occupies a position beneath the tray 17 and the front 4 extends over the outer side of the trays 17 and 18 to cover the same and the top 7 extends over and closes the top tray 17 and the body portion of the case, the latter being made secure by means of the several straps 9, 11 and 12 and a lock 25 having its complemental parts applied to the top 7 and front 4.

What is claimed is:

1. In combination, a top tray, a bottom tray slidable beneath the top tray, straps at the bottom of the top tray, and means carried by the bottom tray and engaging said straps.

2. In combination a top tray, straps at the bottom of said tray, and a bottom tray slidable beneath the top tray and having the upper portion of a side engaging the said straps.

3. In combination a top tray, straps at the bottom of said tray passing upwardly through the bottom thereof along the inner faces of opposite sides, thence over the top edges of said sides and clinched against the front faces thereof, and a bottom tray slidable beneath the top tray and having the upper portion of a side engaging said straps.

4. A suit case comprising a body having a swinging front, a top tray attached to the back of the case, a bottom tray slidable beneath the top tray, straps at the bottom of the top tray engaging a side of the bottom tray, and links between the two trays for supporting the bottom tray when drawn into outward position.

5. A case comprising a body, a top hinged thereto, and front and rear end straps attached to the top at one of their ends, and said straps adapted to be made fast to the front and rear of the ends of the body at their opposite ends.

6. A case comprising a body, a top hinged thereto, and front and rear end straps attached to the top at one of their ends, and said straps adapted to be made fast to the front and rear of the ends of the body at their opposite ends, the rear straps having flaps at their vertical edges which are adapted to be attached to the outer side of the rear portion of the top and body.

7. In combination, a fixed top tray, a bottom tray slidable beneath the top tray, straps at the bottom of the top tray, said bottom tray engaging said straps, and links forming connecting means between the trays and adapted to support the bottom tray when it is drawn outward from beneath the top tray.

8. In combination, a fixed top tray, a bottom tray slidable beneath the top tray, means supported by the top tray and disposed beneath the bottom thereof, and means carried by the bottom tray and engaging said first named means, said first named means serving to limit the outward movement of said bottom tray.

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

FRANK G. DYER.

Witnesses:
JESSE M. NOTCHETT,
U. M. ALBIN.