

Aug. 21, 1928.

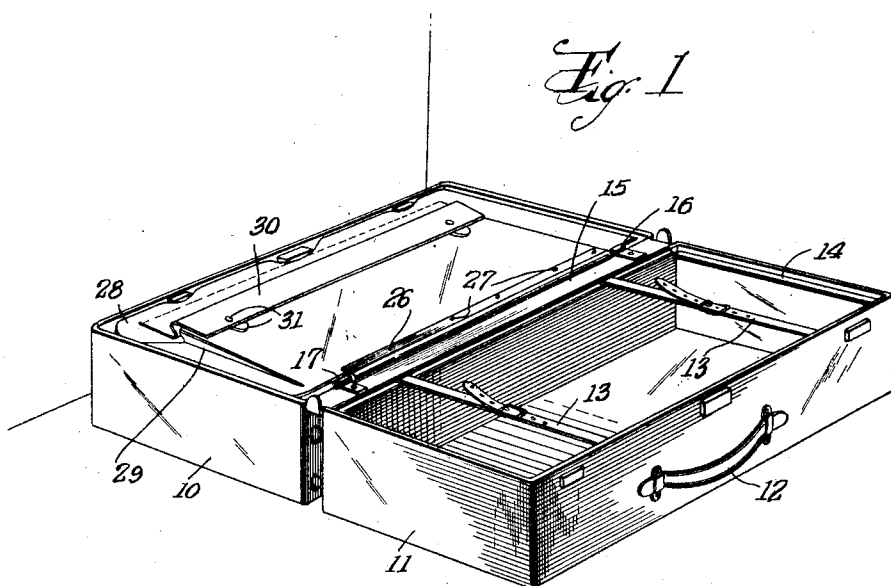
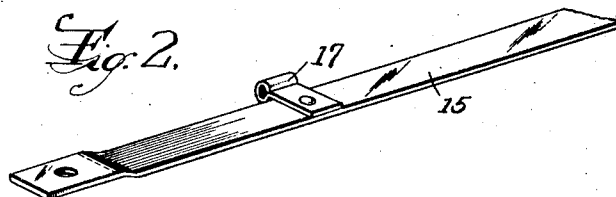
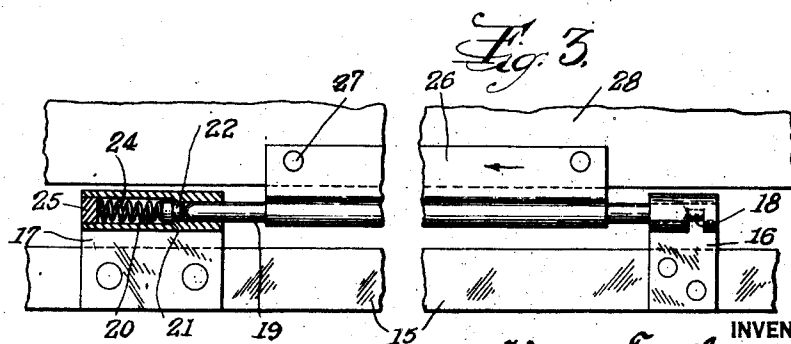
H. TUECKMANTEL

1,681,269

BAG PARTITION

Filed Nov. 17, 1926

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 4.

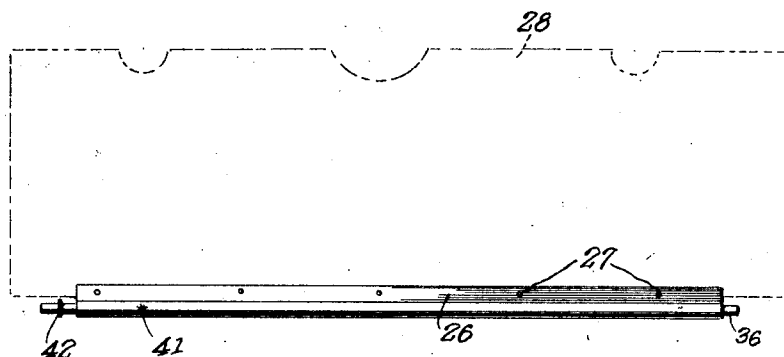


Fig. 5.

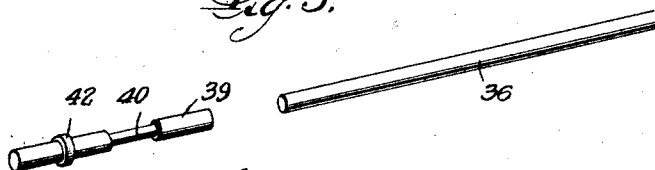


Fig. 6.

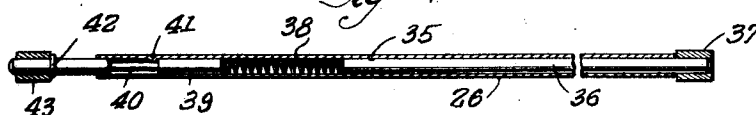


Fig. 7.

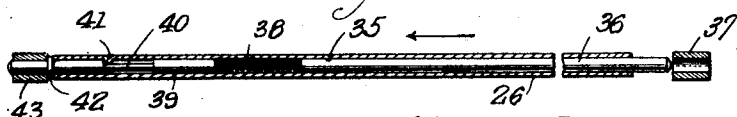
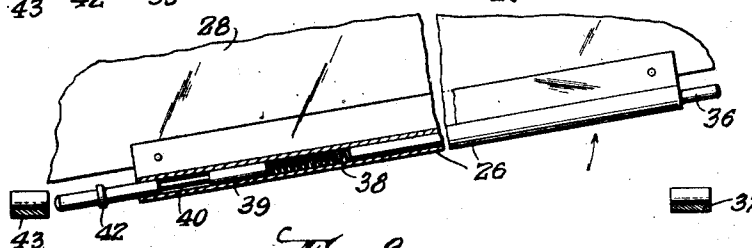


Fig. 8.

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UNITED STATES PATENT OFFICE.

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BAG PARTITION.

Application filed November 17, 1926. Serial No. 148,778.

This invention relates to baggage containers and more particularly to suit cases and bags of the Gladstone type, capable of being fully opened lengthwise and presenting two or more flat compartments, the full size of the bag, separated by a leaf-like partition hinged to fold in either direction over one or the other of the compartments.

While such bags have many advantages that appeal to the traveling public and are easily packed on one side, during which the partition is folded over the other, empty side, it is not so convenient to pack the unfilled side, due to interference of the partition, such interference and difficulty increasing in proportion to the volume or height of the goods disposed in the filled compartment and which prevent the partition from assuming an unobstructive position.

It is therefore one of the principal objects of this invention to provide a partition which, although hinged to be swung from side to side when the bag is open, is readily removed or replaced at will, permitting both sides of the bag to be packed with equal facility.

It is a further feature to provide a reinforced and materially strengthened partition and bag structure without noticeable increase of weight.

Another aim is in the provision of a simple and inexpensive device whereby the utility and convenience of a bag is enhanced and its appearance improved.

These objects are attained by the novel construction and arrangement of parts hereinafter described and shown in the accompanying drawings, forming a material part of this disclosure, and in which:—

Figure 1 is a perspective view of a conventional type of Gladstone bag, shown in an open position and illustrating an application of the invention.

Figure 2 is a perspective view of one end of a base rail or leaf anchor strip in detail.

Figure 3 is a partial side view of a partition leaf and the attachments connecting to a support rail, parts being in section to show the construction.

Figure 4 is a side view showing a modified form of partition hinge element with a leaf appearing in broken lines.

Figure 5 is a perspective view of the hinge rod details.

Figure 6 is a longitudinal sectional view of the hinge elements as assembled in operative relation.

Figure 7 is a similar view of the same but showing the parts as retracted for removal or insertion.

Figure 8 is a side view of the same indicating the manner of attaching or disengaging the partition.

In the drawings, the numerals 10 and 11 designate two similar compartments of a conventional Gladstone bag connected along their inner edges.

The compartments are provided with handles 12 on their outer walls, straps 13 extending across the long side edges, and ledges 14 fixed on the short side walls near the top thereof.

Secured along the connecting edges of the compartments 10 and 11 is a rail-plate 15 to which is fixed, near its ends a pair of gudgeons or sockets 16 and 17.

The socket 16 is sheared and inbent near its outer end to present a stop 18 against which one end of a rod 19 abuts, while the socket 17 contains a counter bore 20 to present a shoulder 21, the main bore receiving the free end of the rod 19.

The movement of the rod is normally restrained by a stop 22, fitting the bore 20, having a collar abutting the shoulder 21, pressed by a coiled spring 24, the outer end of which contacts a plug 25 fixed in the gudgeon.

Fixed on the rod 19 intermediate the sockets 16 and 17, is a channel member 26 in which is riveted at 27, the rear wall plate 28 constituting a bag partition on which is a pocket 29, the plate being provided with a flexible flap 30 adapted to fold over the pocket and be secured thereto by snap fasteners 31.

Thus, by moving the partition 28 in the direction of the arrow shown in Figure 3, the rod 19 will slide in the bore 20 against the action of the spring 24, so that the entire partition may be removed from the gudgeons.

Figures 4 to 8 inclusive illustrate a modification in which the channel member 26 has fixed therein at 35 a rod 36 one end thereof being mounted in a socket 37, carried on the rail 15.

The inner end of the rod abuts a coiled spring 38 contacting the inner end of a

shorter rod 39 provided with a reduced intermediate portion 40, the channel being provided with an indentation or stop 41 so that the rod 39 may be limitedly slidable.

5 Fast on the rod 39 near its outer end is a collar 42 normally abutting a socket 43 also on the rail 15 in which is set the end of the rod.

10 Thus, the channel is normally held in position by the expanding action of the spring 38 on the rod 39.

To remove the partition 28, the same is moved in the direction of the arrow in Figure 7 causing the rod 39 to slide telescopically into the channel until the rod 36 may be disengaged from the socket 37 as will be readily understood.

Thus, it may be seen that the bag is easily packed without the interference of the partition when the same is removed as above described.

25 While certain preferred embodiments of this device have been shown and described, it will be understood that changes in the form, arrangements, proportions, sizes and details thereof may be made without departing from the scope of the invention as defined in the appended claims.

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

1. In a flat opening compartmented bag, a rigid plate partition foldable over either compartment, a metal channel fixed on the inner edge of said partition, a rod held rigidly in said channel to extend therebeyond,

sockets fixed on said bag to receive the rod ends, and means combined with said sockets to normally retain the rod ends therein, said means being yieldable longitudinally to permit removal of the rod and partition.

2. In combination with a flat opening bag having equal full size compartments and a metal strip extending lengthwise at the adjacent edges of the compartments, of a stiff partition leaf, a channel engaging the inner edge thereof, a hinge rod fixed in said channel to extend beyond its ends, and sockets fixed on said strip, one to receive one end of said rod, the other containing a spring and plunger against which the other end of said rod abuts, said plunger yielding upon pressing the rod inwardly in removing or engaging said leaf by actuation thereof.

3. In combination with a flat opening bag having equal full size compartments and a metal strip extending lengthwise at the adjacent edges of the compartments, of a stiff partition leaf, a channel engaging the inner edge thereof, a hinge rod fixed in said channel to extend beyond at one end thereof, a socket on said strip to engage therewith, a rod slidable in the other end of said channel, a spring in said channel to press the last named rod outwardly, a stop limiting the outward movement of the rod, and a socket receptive of the outer end of said rod.

This specification signed and witnessed this 16th day of November, 1926.

HUGO TUECKMANTEL.