

June 14, 1949.

I. RUBIN

2,472,859

CYLINDRICAL HANDBAG HAVING FLEXIBLE SIDEWALLS

Filed Nov. 23, 1946

2 Sheets-Sheet 1

Fig. 1.

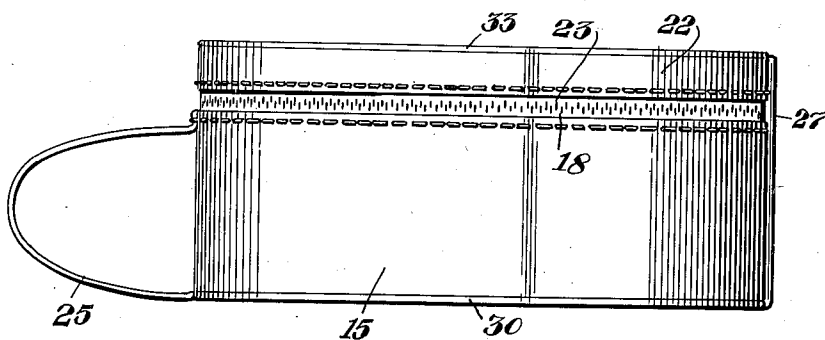
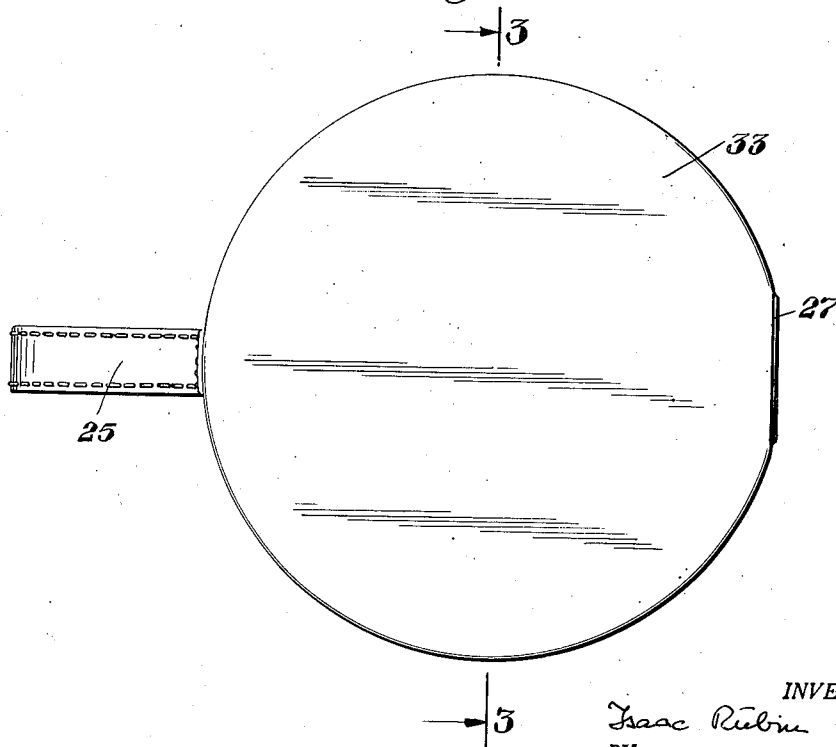


Fig. 2.



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Fig. 4

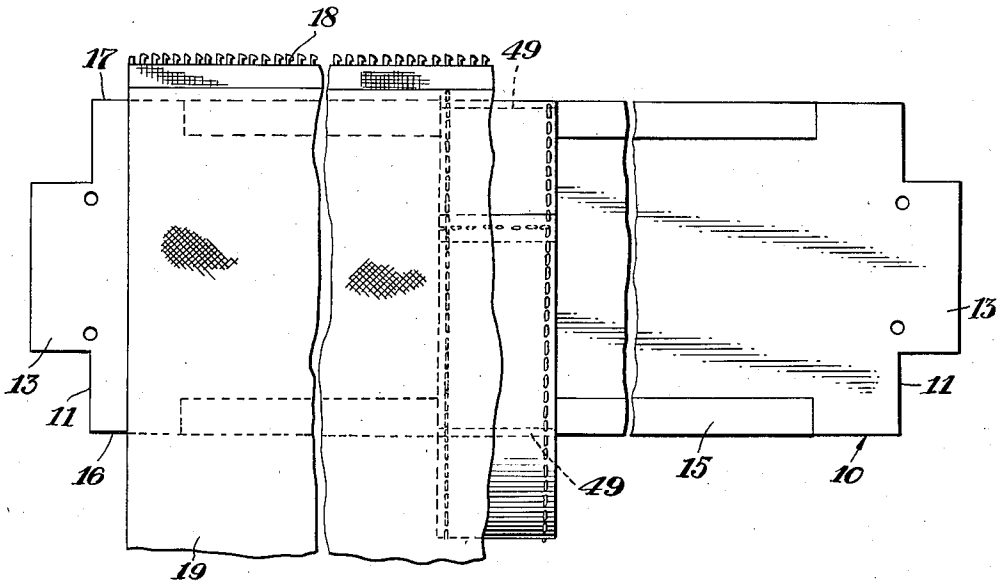
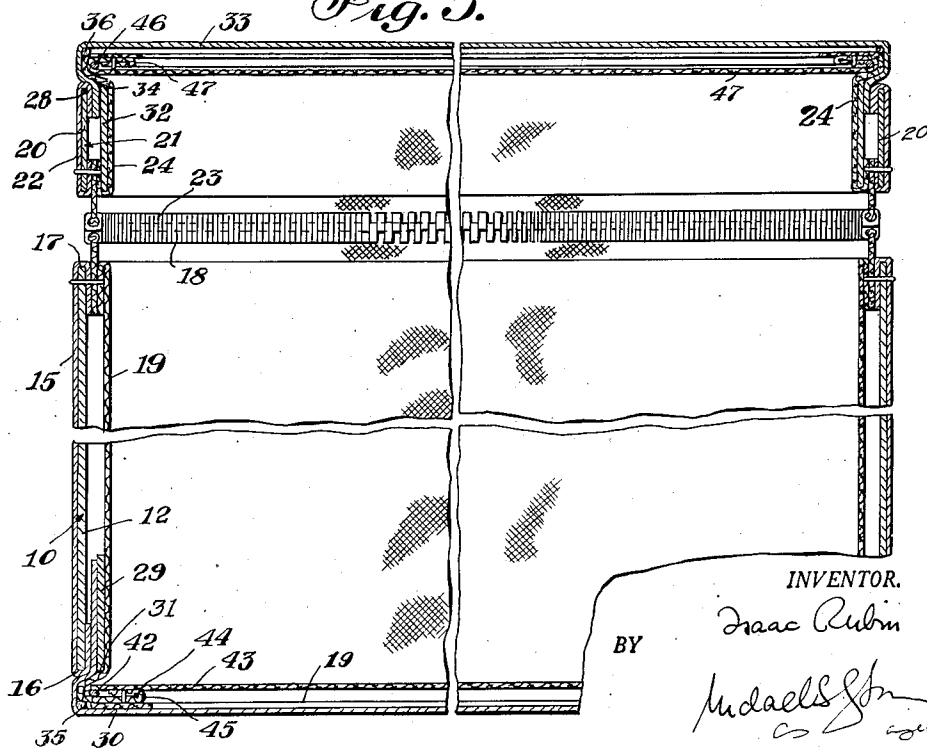


Fig. 3.



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CYLINDRICAL HANDBAG HAVING FLEXIBLE
SIDE WALLS

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4 Claims. (Cl. 190—50)

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My present invention relates to handbags and more particularly to handbags of the type known as hat boxes.

It is an object of my present invention to provide handbags of the above type which are of particularly light weight.

It is a further object of my present invention to provide hat boxes and similar articles of luggage which are of particularly simple construction and easy to manufacture.

Finally, it is also an object of my present invention to provide light weight pieces of luggage which are sturdy in construction and withstand tear and wear during use.

The novel features which I consider as characteristic for my invention are set forth in particular in the appended claims. The invention itself, however, both as to its construction and its method of operation, together with additional objects and advantages thereof, will be best understood from the following description of specific embodiments when read in connection with the accompanying drawings, in which:

Fig. 1 is a side view of a hat box according to my present invention;

Fig. 2 is a top view of the hat box shown in Fig. 1;

Fig. 3 is a vertical section through the hat box shown in Figs. 1 and 2, along line 3—3 of Fig. 2; and

Fig. 4 is a front view of the peripheral wall of a hat box of the type shown in Figs. 1 to 3 in unassembled flat position with part of the lining removed.

The construction of a preferred hat box construction according to my present invention is best explained by describing its mode of production.

First, a flat relatively stiff band-shaped member 10 having the outline shown in Fig. 4 is cut. This band-shaped member 10 has at both ends edge portions 11 which are abutting against each other if the band-shaped member 10 is bent so as to form the peripheral body wall 12 shown in Fig. 3. Furthermore, band 10 has at both ends also overlapping edge portions 13 which are secured to each other after forming the peripheral body wall 12 by rivets in well known manner.

I wish to note that by providing the abutting edge portions 11 it is possible to produce a peripheral body wall 12 having exactly the desired predetermined shape and size.

The band-shaped member 10 is provided with a decorative cover sheet 15 glued to its outer face and bent over its bottom edge 16 and its top edge

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17, as clearly shown on the right hand side of Fig. 4.

After the cover sheet 15 is glued to the band-shaped member 10, a sliding clasp fastener 18 and a peripheral lining 19 are sewn to it near its upper edge 17 as clearly shown on the left hand side of Fig. 4.

Thereafter, a narrow stiffening band 20 forming the peripheral cover member 21 is covered in the same way as described above in connection with the peripheral body member 12 with a decorative cover 22 and provided with the sliding clasp fastener 23 and the peripheral lining 24 which latter are secured to the narrow stiffening band 20 by sewing.

The two sliding clasp fasteners 18 and 23 form part of the same sliding clasp fastener arrangement and thus the band-shaped body member 10 and the narrow stiffening band 20 forming part of the cover are secured by this sliding clasp fastener arrangement to each other.

It should be mentioned that before the sliding clasp fastener 18 and lining 19 are sewn to the band-shaped member 10, the loop-shaped handle 25 is slipped over the member 10 as shown in Fig. 4 and secured to it by the same seam which attaches the sliding clasp fastener 18 and lining 19 to this member.

After the peripheral walls are prepared and have the appearance shown in Fig. 4, they are connected at their ends with each other by rivets connecting the ends of the band-shaped member 10 and thus forming the peripheral body wall 12 and by other rivets connecting the ends of the narrow stiffening band 20 and thus forming the peripheral cover wall 21.

Thereafter, the bottom and top side wall units are prepared. The bottom side wall unit consists of a narrow annular member 29 the diameter of which is slightly smaller than the diameter of the peripheral body wall 12 so that this annular member tightly fits into this peripheral body wall.

A highly flexible sheet forms the bottom side wall 30 and is glued and sewn to the outer face of the annular member 29 as clearly shown in Fig. 3.

The thus prepared bottom side wall unit is forced into the peripheral wall 12 until the bottom edge 31 of the narrow annular member 29 is positioned adjacent to the bottom edge 16 of the peripheral body wall 12. In this position, the entire bottom side wall unit is secured to the peripheral body wall by glueing or in any other manner.

Similarly, the top side wall unit consists of an

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annular member 32, a flexible sheet forming the top side wall 33 and inserted into the peripheral cover wall 21 so that the circular edge 34 of the annular member 32 is positioned adjacent to the top edge 28 of the peripheral cover wall 21.

It is evident that in this position the bottom side wall 30 and the top side wall 33 are loose and thus not flat as desired. In order to keep them in flat stretched position, I insert—in accordance with my present invention—after the side wall units have been glued to the corresponding peripheral walls, in each of these side wall units an expansion ring 35 and 36, respectively. The expansion ring 35 for stretching the bottom side wall 30 and keeping the same taut is inserted between the circular edge 31 of the annular member 29 and the bottom side wall 30 stretching the latter. Similarly, the expansion ring 36 for keeping the top side wall 33 taut is inserted between the circular edge 34 of the annular member 32 and the top side wall 33 stretching the same.

The next step in producing a hat box according to my present invention consists in glueing the peripheral linings to the corresponding peripheral walls, i. e. the peripheral lining 19 to the peripheral body wall 12 and the peripheral lining 24 to the corresponding peripheral cover wall 21. The end portions of the peripheral linings which project beyond the corresponding peripheral walls are not glued to the side walls of the hat box, but placed flat on the same as clearly shown in Figs. 3 and 4.

Thereafter, lining units for the side walls are prepared: The bottom lining unit for the body of the hat box consists of a ring-shaped wire 42 over which the side wall lining 43 is stretched by means of a cord 44 provided in the edge seam 45 of the side wall lining.

Similarly, the top lining unit for the hat box cover consists of a ring-shaped wire 46 and a side wall lining 47 combined in the same way with each other as the elements of the lining unit for the hat box body.

These lining units are inserted into the corresponding parts of the hat box simply by pressing them into the same; thus, the bottom lining unit for the hat box body is pressed into the hat box body until the side wall lining 43 is positioned parallel to and superimposed upon the bottom side wall 30. In this position, the ring-shaped wire 42 forming part of the bottom lining unit is slipped under the peripheral body wall 12 of the hat box body and located between the bottom edge 16 of this peripheral body wall and the expansion ring 35 forming part of the bottom side wall unit. Thus, the bottom lining unit is firmly held by the bottom edge 16 of the peripheral body wall 12 and cannot be removed without destroying the side wall lining 43.

The bottom lining unit has several important functions: First, it improves the appearance of the inner surface of the hat box body; and secondly, it keeps the overlapping edge portions of the peripheral lining 19 of the peripheral body wall 12 in proper place, i. e. adjacent to the bottom side wall 30.

Similarly, the top lining unit for the hat box cover is pressed into this cover until the side wall lining 47 is positioned parallel to and superimposed upon the top side wall 33. In this position, the ring-shaped wire 46 forming part of the top lining unit is slipped over the top edge of the peripheral cover wall 21 of the hat box cover and located between this top edge 28 and the expansion ring 36 forming part of the top side wall unit.

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Thus, the cover lining unit is firmly held by the top edge 28 of the peripheral cover wall 21 of the hat box cover and cannot be removed without destroying the lining unit.

This top lining unit has several functions: First, it improves the appearance of the inner surface of the hat box cover; and second, it keeps the overlapping edge portions of the peripheral lining 24 covering the peripheral wall 21 of the hat box cover in proper place, i. e. adjacent to the top side wall 33.

Also I wish to note that in order to properly arrange the loop shaped handle 25 and prevent slipping of the same in peripheral direction, I provide in the top and bottom edge of the peripheral body member 12 cut-outs 49 into which the handle is fitted as shown in Fig. 7.

From above description of the single elements forming my new hat box and the mode of manufacture of the same, the construction of the entire finished hat box is absolutely clear to everyone skilled in this art. It is also evident that it is extremely simple to manufacture hat boxes of this type and that the same are very simple in construction and have a relatively light weight compared with hat boxes of conventional type. This is due to the fact that the side walls of a hat box according to my present invention do not contain any reinforcing boards, sheets or the like, but consist exclusively of drum-like stretched sheets forming the side walls without the necessity of any reinforcement of the same.

It will be understood that each of the elements described above, or two or more together, may also find a useful application in other types of pieces of luggage, differing from the types described above.

While I have illustrated and described the invention as embodied in hat boxes, I do not intend to be limited to the details shown, since various modifications and structural changes may be made without departing in any way from the spirit of my invention.

Without further analysis, the foregoing will so fully reveal the gist of my invention that others can by applying current knowledge readily adapt it for various applications with omitting features that, from the standpoint of prior art, fairly constitute essential characteristics of the generic or specific aspects of this invention, and therefore, such adaptations should and are intended to be comprehended within the meaning and range of equivalence of the following claims.

What I claim as new and desire to secure by Letters Patent is:

1. In a handbag in combination a curved peripheral wall having a curved edge; a curved annular member having a curved edge and fitting into said curved peripheral wall of said handbag in spaced relation thereto, said curved annular member arranged within said curved peripheral wall with its curved edge adjacent to said curved edge of said curved peripheral wall; a flexible side wall covering the opening formed by said curved annular member and reaching over said curved edge of the same into the space between said curved peripheral wall and said curved annular member and secured to the latter; a curved expansion member having substantially the shape of said curved edge of said curved annular member and arranged within said handbag adjacent said curved edge of said curved annular member and said side wall of said handbag and permanently stretching the same so as to keep it taut; and a lining unit consisting of a curved ring mem-

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ber having substantially the shape of said curved edge of said annular member and of a highly flexible lining cover entirely covering the opening formed by said curved ring member and secured to the same, said lining unit fitted into said handbag inside the same adjacent to said flexible side wall so that said curved ring member is positioned between said curved edge of said curved annular member and said curved expansion member preventing unintentional removal of said lining unit.

2. In a handbag in combination a cylindrical peripheral wall having a circular edge; an annular member having a circular edge and fitting into said cylindrical peripheral wall of said handbag in spaced relation thereto, said annular member arranged within said cylindrical peripheral wall with its circular edge adjacent to said circular edge of said cylindrical peripheral wall; a highly flexible side wall covering the opening formed by said annular member and reaching over said circular edge of the same into the space between said cylindrical peripheral wall and said annular member and secured to the latter; a circular spring expansion member having substantially the shape of said circular edge of said annular member and arranged within said handbag adjacent said circular edge of said annular member and said side wall of said handbag and permanently stretching the same so as to keep it taut; and a lining unit consisting of a circular ring member having substantially the shape of said circular edge of said annular member and of a highly flexible lining cover entirely covering the opening formed by said circular ring member and secured to the same, said lining unit fitted into said handbag inside the same superimposed upon said highly flexible side wall so that said circular ring member is positioned adjacent to said circular edge of said annular member preventing unintentional removal of said lining unit.

3. In a handbag a cylindrical peripheral wall having a circular edge; a side wall unit consisting of an annular member having a circular edge and fitting into said cylindrical peripheral wall in spaced relation thereto and of a highly flexible side wall cover covering the opening formed by said annular member and reaching over said circular edge of the same and secured to the outer face of said annular member; means firmly securing said side wall unit into said cylindrical peripheral wall so that said circular edge of said annular member forming part of said side wall unit is adjacent to said circular edge of said cylindrical peripheral wall; a spring expansion member having substantially the shape of said circular edge of said annular member and arranged within said side wall unit adjacent said circular edge of said annular member and said highly flexible side wall cover and permanently stretching the same so as to keep it taut; and a

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lining unit consisting of a circular ring member having substantially the shape of said circular edge of said annular member and of a highly flexible lining cover entirely covering the opening formed by said circular ring member and secured to the same, said lining unit fitted into said side wall unit adjacent to said highly flexible side wall cover so that said circular ring member is positioned between said circular edge of said annular member and said spring expansion member preventing unintentional removal of said lining unit.

4. In a handbag a curved peripheral wall having a curved edge; a side wall unit consisting of an annular member having a curved edge and fitting into said curved peripheral wall in spaced relation thereto and of a highly flexible side wall cover covering the opening formed by said annular member and reaching over said curved edge of the same and secured to the outer face of said annular member; means firmly securing said side wall unit into said curved peripheral wall so that said curved edge of said annular member forming part of said side wall unit is adjacent to said curved edge of said curved peripheral wall; a spring expansion member having substantially the shape of said curved edge of said annular member and arranged within said side wall unit adjacent said curved edge of said annular member and said highly flexible side wall cover and permanently stretching the same so as to keep it taut; and a lining unit consisting of a curved ring member having substantially the shape of said curved edge of said annular member and of a highly flexible lining cover entirely covering the opening formed by said curved ring member and secured to the same, said lining unit fitted into said side wall unit adjacent to said highly flexible side wall cover so that said curved ring member is positioned within said annular member adjacent to said curved circular edge of the same preventing unintentional removal of said lining unit.

ISAAC RUBIN.

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