Aug. 11, 1936. L. A. MARCUS 2,051,006

RECEPTACLE

Filed Oct. 23, 1935

Fig. 1

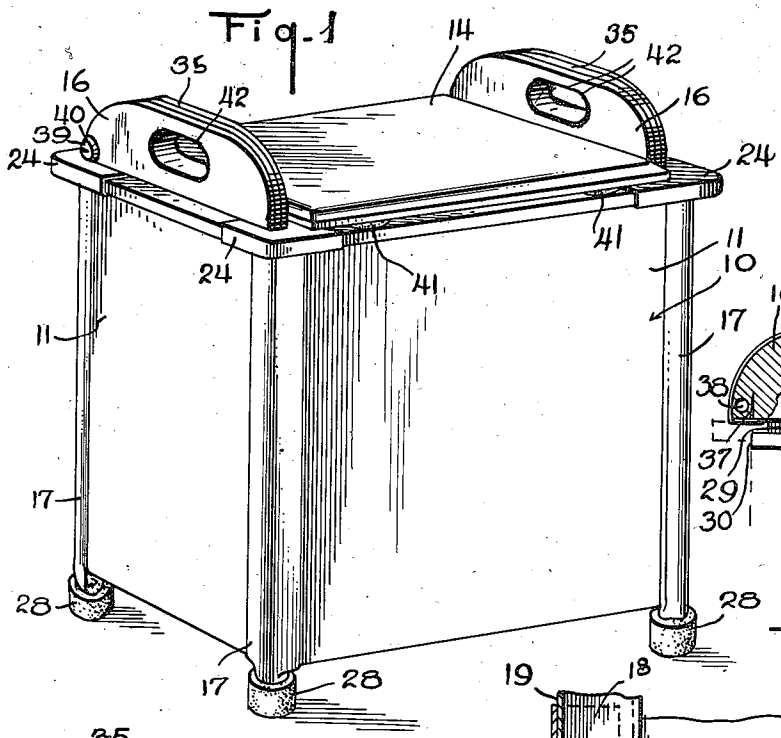


Fig. 6

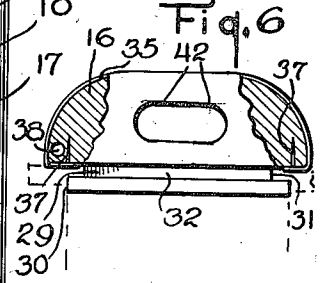


Fig. 2

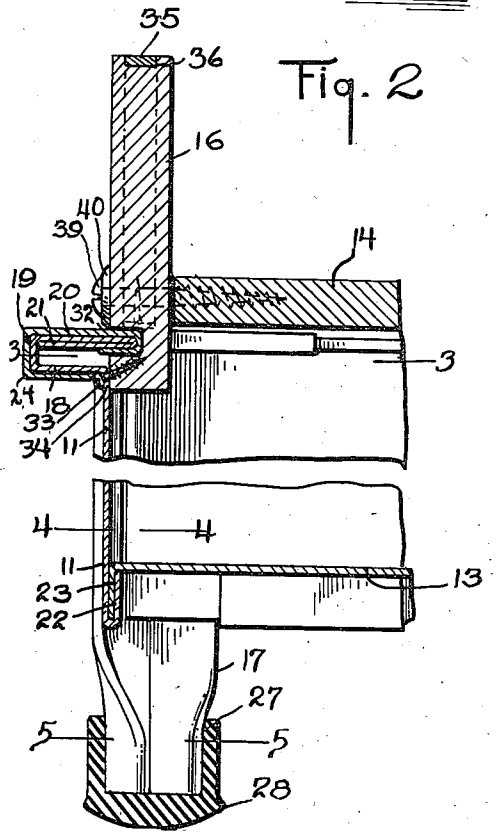


Fig. 3

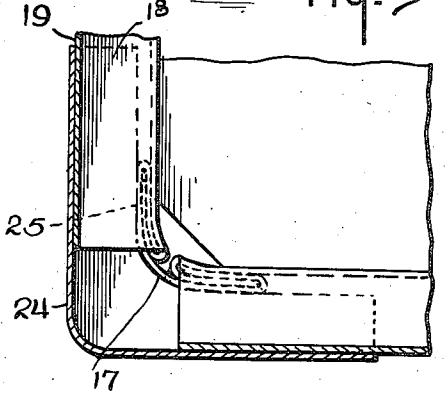


Fig. 4

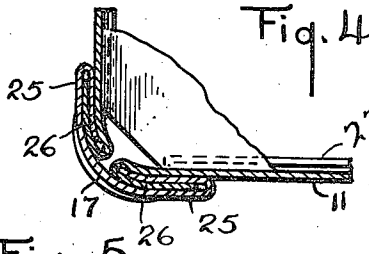
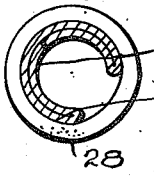


Fig. 5



Inventor

L. A. Marcus

By Blair & Allegretti

Attorneys

Patented Aug. 11, 1936 2,051,006

UNITED STATES PATENT OFFICE

2,051,006

RECEPTACLE

Lewis A. Marcus, New York, N. Y.

Application October 23, 1935, Serial No. 46,432

7 Claims. (Cl. 220—1)

This invention relates to receptacles, and more particularly to that type of receptacle commonly designated as a hamper or clothes hamper.

It is an object of this invention to provide a device of the above character, which is simple to manufacture, sturdy and durable in construction, and attractive in appearance. It is a further object of this invention to provide an inexpensive device of the above character which may serve as a bench or seat, thus forming a useful adjunct of the furnishings of the room in which it may be kept. It is a further object to provide improved means for securing the various elements of the device in assembled relationship. It is a further object to provide in a finished product a structure which will be of sufficient strength to withstand any of the ordinary stresses or strains to which it may be subjected over a long period of time.

Other objects will be in part obvious and in part pointed out hereinafter.

The invention accordingly consists in the features of construction, combinations of elements, and arrangement of parts as will be exemplified in the structure to be hereinafter described and the scope of the application of which will be indicated in the following claims.

In the accompanying drawing, in which is shown one of the various possible embodiments of this invention,

Fig. 1 is a plan view of the complete hamper;

Fig. 2 is a diagrammatic sectional view of certain portions of the hamper showing various methods of assembling the parts;

Fig. 3 is a sectional view taken along line 3—3 of Fig. 2;

Fig. 4 is a sectional view taken along line 4—4 of Fig. 2;

Fig. 5 is a sectional view taken along line 5—5 of Fig. 2;

Fig. 6 is a detailed view, partly in section, of one of the handles associated with the hamper.

As conducive to a clearer understanding of the invention, it may be here pointed out that in structure of this type heretofore constructed, there has been a uniform difficulty in obtaining a product which would present an attractive appearance and at the same time permit of ready assembly to the preclusion of loose connections between the various parts. In the instant invention a device is provided which permits a relatively simple assembly and at the same time assures uniformly tight connections throughout between the various parts in their assembled relationship. Further, the finished product is of unusual visual appeal, and great durability.

Referring now to the drawing and more particularly to Figs. 1 and 2, a hamper is generally indicated at 10 having a plurality of side walls 11 (Fig. 1), preferably four in number, a bottom 13, a top 14, and handle members 16. Corner members 17 are provided for holding side portions 11 in assembled relationship in a manner to be more fully described hereinafter and appear in the drawing.

Referring now to the side walls 11 (see Fig. 2), it will be seen that these walls extend upwardly to a point adjacent the top and thence outwardly as at 18, upwardly as at 19, inwardly as at 20, and thence outwardly again as at 21 whereby to form a strong flange. This provides a recess therein to provide for the assembly of the top 14 and the handle members 16 in a manner to be more fully described hereinafter. At the bottoms of each of the side walls 11 is an upwardly turned flange 22 adapted for interengagement with a downwardly depending flange 23 which extends about the periphery of bottom member 11.

Corner members 17, as shown more clearly in Fig. 4, are provided with inwardly turned flanges 25 extending the entire length thereof. These flanges engage and interlock with outwardly turned portions 26 of the side walls 11, thus holding the parts more securely together. These individual members may be secured in any suitable manner as by spot welding or merely by frictional interengagement.

As shown in Fig. 5 the bottom portions of corner members 17 extend substantially below the bottom 13 and are compressed inwardly to form a circular section 27 to provide suitable bases for the hamper 10. Ferrules 28 of rubber or other suitable material (see Figs. 1 and 2) are preferably superposed upon circular end portions 27 in order to provide a resilient cushioning surface for supporting the hamper and prevent marring of the floor.

Referring now to Fig. 6, the handles 16 may be of any desired shape or configuration, though preferably provided with rounded corners at their upper portions to enhance the symmetrical appearance of the structure, and of a size to extend substantially the entire width of a side wall. Suitable apertures 42 may be provided for engagement of the fingers although it will be readily understood that, if desired, the handles may be constructed in the form of a hollow shell, thereby to permit more convenient movement

from place to place. Regarding the handle from the side, it will be seen that grooves 31 are cut near the bottom thereof, providing an inset portion 29 and an extending portion 30 at the extreme bottom. Grooves 31 are adapted to engage the inwardly extending flanges of the front and rear side walls 11. Regarding the handle from the end, as seen in Fig. 2, it will be seen that a transverse groove 32 is provided for engagement with the inwardly extending flange portions 20 and 21 of the other pair of side walls 11. It will thus be seen that a tight fit and frictional interengagement is secured between the handles 16 and side walls 11 by the coaction of grooves 31 and 32 and the flange formed by curved portions 20 and 21. Further securing means to hold the handle 16 adjacent the side walls 11 may be provided in the form of screws 33 passing through holes 34 and engaging in the handle 16.

About the exterior periphery of each handle 16 a metallic band 35 is inset in a groove 36 (see Figs. 1, 2 and 6). This band 35 extends into the groove 31 towards the lower portion of the handle 16 and may be held in place by suitable securing means such as brads 37 (see Fig. 6). These metallic strips 35, besides providing attractive ornamentation for the peripheral surface of handles 16, also serve as reinforcement to prevent splitting or chipping of the handles 16 in the event they are made of wood.

Apertures 38 (see Fig. 6) are provided near the rear lower end of each handle 16 through which suitable screws 39 are passed, the ends of screws 39 being provided with lock washers 40, of chromium or other suitable brightly finished metal, as are also heads of screws 39, to provide a more attractive appearance. These screws 39 engage in the material of top member 14 at its opposite rear corners and thus furnish a suitable hinge for the top 14 whereby it may be raised about the axis formed by the line of the screws 39 and apertures 38, thus obviating the necessity of complex, separate hinge members. Suitable rubber buffers 41 may be provided near the forward portion of top 14 on its lower surface to take up shock incident to the falling of the top.

The device is preferably constructed of metal throughout, with the exception of the handles 16 and top 14 which are, in the preferred embodiment, constructed of wood or other suitable non-metallic material and the ferrules 28, which, as described, are preferably made of resilient material such as rubber. If desired, suitable apertures (not shown) may be provided in one of the side walls 11, preferably at the rear, in order to provide adequate ventilation. The device may be painted in any suitable colors and a contrast may be formed by painting the metallic portions of one color and the wooden or nonmetallic portions of another. In the preferred embodiment the metallic strips 35, screws 39, and washers 40 are rust-proof and have a high finish as, for example, chromium-plate, in order to provide artistic enhancement. It will thus be seen that in the above disclosed invention there is provided a novel and attractive device of the character described, presenting many structural and artistic improvements over prior devices. The construction is of strong and substantial character and provides a seat or bench as well as a clothes hamper, thus becoming a desirable adjunct to bathroom equipment. The invention is believed to accomplish, among others, all of the objects and advantages herein set forth.

As many possible embodiments may be made in the above invention and as many changes might be made in the embodiment set forth above, it is to be understood that all matter hereinbefore set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

I claim as my invention:—

1. In a device of the character described, in combination, side walls bent outwardly and thence inwardly at their upper extremities and upwardly at their lower extremities, a bottom member having a downwardly extending flange about its exterior periphery and engaging with said upwardly bent portions of said side walls, handle members engaging with said inwardly turned portion, a top member hingedly associated with said handle members, and corner members engaging with and securing said side walls in receptacle form.

2. In a device of the character described, in combination, side walls flanged at their side extremities, corner members oppositely flanged whereby to engage said flanges on said side walls, a bottom member, said side walls and said bottom member so positioned as to form a receptacle, outwardly and then inwardly extending portions at the upper extremity of said side walls, handle members having grooves therein, said grooves adapted to engage said inwardly extending portions of said side walls, and a top member associated with said handles and supported thereby.

3. In a device of the character described, in combination, side walls flanged at their side extremities, corner members oppositely flanged whereby to engage said flanges on said side walls, a bottom member, said side walls and said bottom member so positioned as to form a receptacle, outwardly and then inwardly extending portions at the upper extremity of said side walls, handle members having grooves therein, said grooves adapted to engage said inwardly extending portions of said side walls, and a top member pivotally associated with said handles, said pivotal association being in substantial alignment at a lateral extremity of said handles whereby said top is hinged on said handles.

4. In a device of the character described, in combination, side walls, corner members associated with said side walls in receptacle form, a bottom member associated with said side walls, portions extending outwardly, thence upwardly, thence inwardly at the upper extremity of said side walls, corner pieces interfitting about and affixed to said outwardly, upwardly and inwardly extending portions whereby to secure the corners of said device, handles interfitting with said inwardly extending portions, and a top member associated with said handles.

5. In a device of the character described, in combination, side walls, corner members associated with said side walls in receptacle form, a bottom member associated with said side walls, portions extending outwardly, thence upwardly, thence inwardly at the upper extremity of said side walls, corner pieces interfitting about and affixed to said outwardly, upwardly and inwardly extending portions whereby to secure the corners of said device, and handles interfitting with said inwardly extending portions, said handles having grooves about their exterior periphery, inset strip-like members in said grooves,

a second groove laterally extending near the base of said handles, said second groove interfitting with said inwardly extending flange.

6. In a device of the character described, in combination, side walls, a bottom associated with said side walls, corner members interengaging with and securing said side walls in receptacle form, handle members associated with said side walls, a top pivotally associated with said handles, said pivotal association comprising screws passing through apertures in said handles and interengaging with said top member whereby said top pivots about said screws and separate hinges are eliminated.

7. In a device of the character described, in combination, side walls, a bottom associated with said side walls, corner pieces interlocking with said side walls and holding the same in receptacle form, outwardly extending portions adjacent the top of said side walls, portions extending upwardly and thence inwardly from said outwardly extending portions, handle members associated with said inwardly extending portions, and a top associated with said handles and adapted to rest upon said inwardly extending portions.

LEWIS A. MARCUS.