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M. T. DEVINE

DUST EXCLUDING COVER FOR DISHES

Filed Jan. 6, 1927

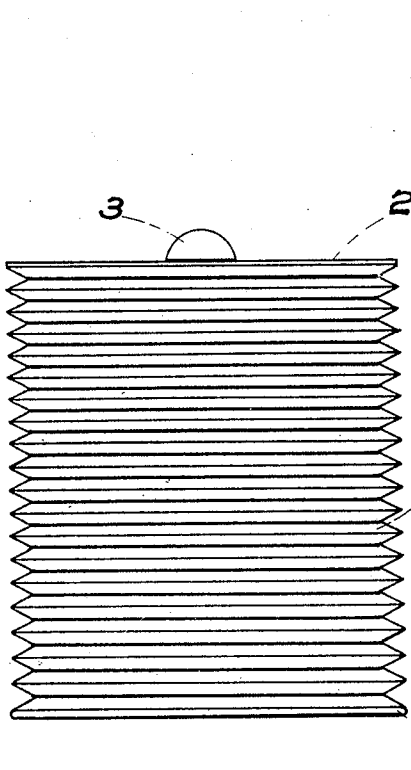


FIG. 1.

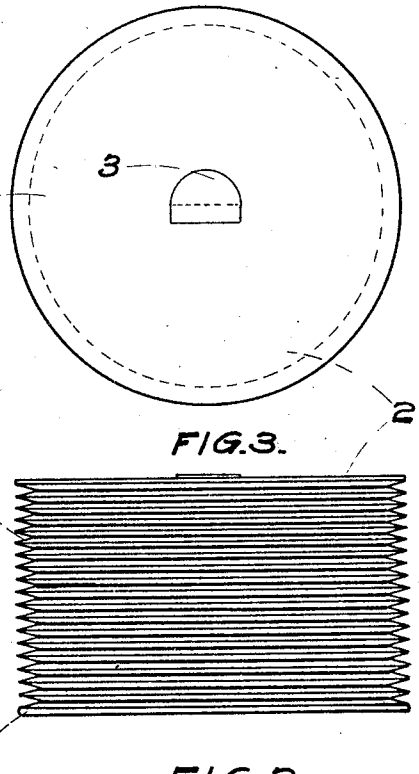


FIG. 2.

FIG. 3.

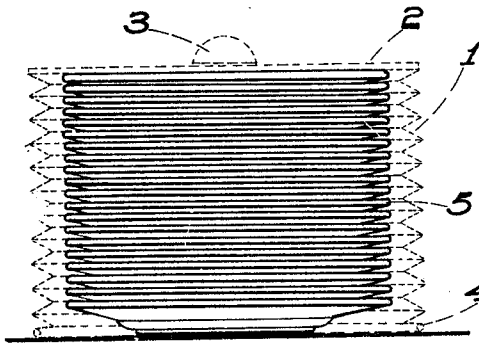


FIG. 4.

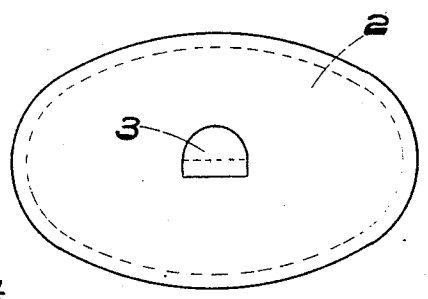


FIG. 5.

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UNITED STATES PATENT OFFICE.

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DUST-EXCLUDING COVER FOR DISHES.

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The object of this invention is, to supply a simple, cheap, easily-applied and efficient dust-excluding cover for dishes to be placed over them when they are not in use.

In many households dishes of the finer and more expensive grades may frequently remain out of service for a considerable period of time, in which case dust will settle upon them thus necessitating the washing of the dishes before they can be used. It is a well known fact that a greater portion of the breakage and marring of dishes occurs while they are being washed or in the handling of them previously, or subsequently to being washed. Unless some efficient dust excluding cover is used dishes that have been in disuse for some time must be washed before being used, thus necessitating two washings to each service; this not only involves extra labor, but doubly increases the liability to damage and breakage. The object of my improved cover is, therefore, to eliminate the necessity of washing the dishes previously to using them, that is to say, twice for each time they are used.

The construction whereby I am enabled to attain said object is illustrated in the accompanying drawings in which:

Fig. 1 is a side elevation of my improved cover in the extended position, as when applied to a stack of dishes or a high article such as a pitcher.

Fig. 2 is a side elevation of my improved cover when applied to a comparatively low stack of dishes, or a single article of a corresponding height, such as a bowl.

Fig. 3 is a plan view of my improved cover.

Fig. 4 illustrates a stack of dishes, inside view, with my improved cover indicated thereon in dotted lines.

Fig. 5 is a plan view of an oval cover.

The construction illustrated in said drawings comprises a bellows-like, tubular structure 1, composed of paper or any other suitable, light, flexible material open at the bottom and provided with an integral nonperforate top 2, all of dust-proof material; said top is perferably composed of stiffer and heavier material than that composing said tubular walls 1. Said top is provided with a small lifting tab which may lie flat when not in use, also be turned to the upright position when the cover is to be lifted.

The lower edge of said tubular walls 1 is preferably provided with a suitable spreader hoop or ring 4, which serves the double purpose of keeping the bottom in its proper circular open normal shape and position, also as a gravity device or weight to keep said lower edge into close, dust excluding contact with the upper surface of the shelf upon which the dishes stand.

This cover may be extended to cover a high stack of dishes as shown in Fig. 1, or to cover a stack of lesser height as shown in Fig. 2; it may also be whooly collapsed to a thickness equal to the combined thickness of the bellows-like folds of the material of the walls 1.

Fig. 4 illustrates a stack of dishes 5 with my improved cover indicated in dotted lines in position thereon.

A material advantage may be secured by constructing said walls 1 of transparent material such as glacine, as it readily affords identification of the dishes within the cover without removing same.

I claim the following:

1. A cover for dishes consisting of a tubular structure having flexible, vertically-collapsible walls of bellows-like formation composed of transparent dust-proof material, and an integral, imperforate top for said structure consisting of a horizontally disposed disk-like plate to the edge of which the upper edge of said wall material is secured.

2. A cover for dishes consisting of a tubular structure having flexible, vertically-collapsible walls of bellows-like formation composed of dust-proof material, an integral, imperforate non-collapsible, horizontally-disposed top for said structure, and a ring attached to the lower edge of said walls so as to prevent the inward buckling or collapse of said walls and to insure the normal shape of the opening of said structure.

3. A cover for dishes consisting of a tubular structure having flexible, vertically-collapsible, transparent walls of bellows-like formation composed of dust-proof material, an integral, imperforate non-collapsible top for said structure composed of heavier, stiffer material than said walls, a lifting tab carried by the upper face of said cover, and

a ring secured to the lower edge of said walls for the purpose set forth.

4. A cover for dishes consisting of a tubular structure, having vertically-extending, vertically collapsible side walls of uniform diameter and uniformily disposed throughout their height, and an integral substantially rigid unitary disk-like top, to the outer edge of which the upper edge of said walls are attached, manipulating means carried by said top and a spreader hoop secured to the lower edge of said walls.

5. A cover for dishes consisting of a tubular structure having vertically-collapsible side walls of uniform diameter throughout its height, a rigid, integral disk-like, dust excluding top for said walls to the outer edge of which the upper edge of said walls is attached, and a spreader hoop carried by the lower edge of said wall for dust-excluding contact with the adjacent surface which carrier the dishes.

6. A cover for dishes having vertically-collapsible side walls, a horizontally disposed, substantially rigid, disk-like, dust-proof top adapted to rest upon the upper face of one or a plurality of dishes, and a hoop carried by the lower edge of said wall for dust-excluding contact with the support for said dishes; the collapsibility and construction of said cover being such that its height conforms and substantially corresponds to the height of the dish or stack of dishes which is covered thereby.

In testimony whereof I affix my signature.

MARY TIPTON DEVINE.