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LINER FOR SINK STRAINERS

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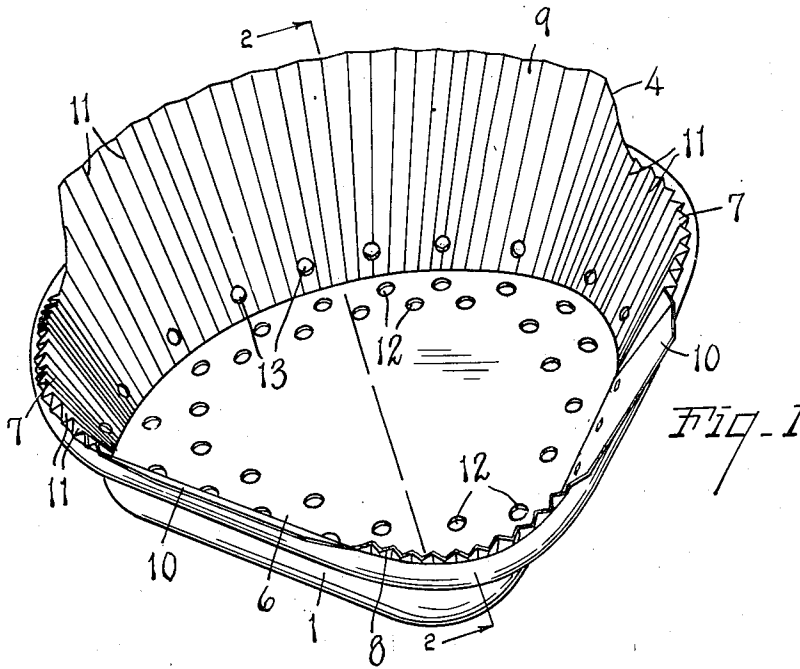


FIG. 1

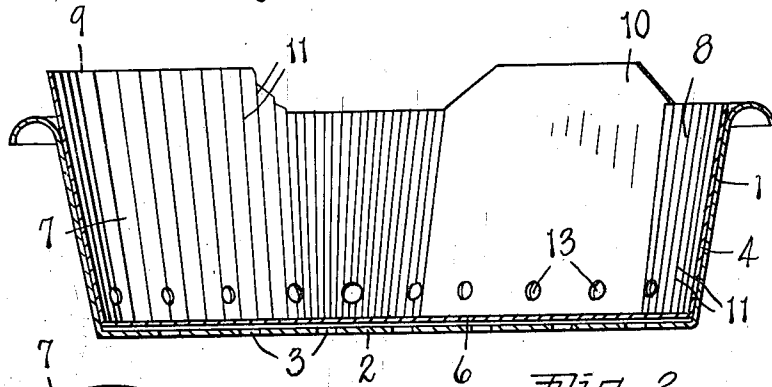


FIG. 2

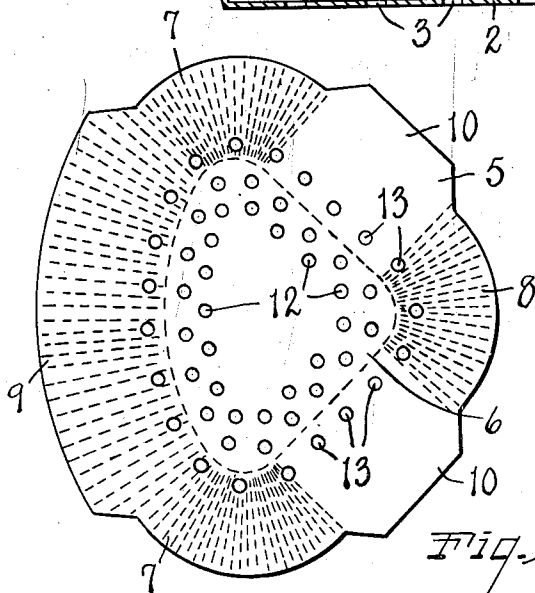


FIG. 3

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LINER FOR SINK STRAINERS

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14 Claims. (Cl. 4—290)

This invention relates to a paper liner or receptacle for a sink strainer such as is shown in my copending application Serial No. 9,056, filed March 2, 1935, of which the present case is a continuation in part.

The main objects of this invention are:

First, to provide a paper liner which is especially well adapted for use with receptacles adapted to strain garbage in the corner of a sink.

Second, to provide a liner of the foregoing character having means associated therewith for lifting the liner out of the strainer.

Third, to provide an improved paper receptacle which is adapted to fit a number of sizes of strainers.

Fourth, to provide an improved paper receptacle for strainers, characterized by the efficiency of its straining action.

Objects relating to details and economies of my invention will appear from the description to follow. The invention is defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention is illustrated in the accompanying drawing, in which:

Fig. 1 is a perspective view of a sink strainer containing a paper liner embodying features of my invention.

Fig. 2 is a sectional view taken on a line corresponding to line 2—2 of Fig. 1.

Fig. 3 is a top plan view of my liner.

Referring to the drawing, the reference numeral 1 indicates a triangular garbage receptacle known as a sink strainer. The strainer is adapted to be placed in the corner of a sink to receive garbage, the bottom 2 of the strainer being perforated at 3. Strainers of this type are well known and are usually made of enameled ware. The strainer 1 forms no part of my invention.

For the sink strainer, I provide a paper liner 4 formed of a one-piece blank 5 preferably of waxed paper or parchment or other paper treated to resist moisture. The liner is of generally triangular shape as shown in Fig. 3 and is provided with a bottom 6 and flared side walls 7 and 8 having upright flaps 9 and 10 extending thereabove. The curved or rounded portions of the flared side walls are provided with vertical corrugations or pleats 11 to conform the same readily to the side walls of the container.

The flap 9 is preferably corrugated in the same manner as are the side walls 7 and 8, while the flaps 10 are not corrugated.

Due to the corrugations or flutings of the walls, it will be seen that the paper receptacle of my

invention adapts itself readily to sink strainers of varying sizes, thus finding an unrestricted market.

The bottom 6 is provided with perforations or openings 12 and the side walls are provided with perforations or openings 13. The provision of openings 13 in the side walls, I have found, greatly facilitates the drainage of liquid from the garbage deposited in the liner, inasmuch as the bottom of the liner may become closely packed with garbage therein. Liquid draining down the side walls of the liner and through the garbage finds an opening through the perforations 13 and drains out through the strainer into the sink there-through.

In use, the liner is placed in the strainer 1 as shown in Figs. 1 and 2. When the strainer is ready to be emptied, the flaps 9 and 10 are grasped, inasmuch as they project above the top of the strainer and provide a handle for lifting the liner and the contents, like a bag, out of the strainer. The liner and contents are disposed of as a body, leaving the strainer 1 in a clean and sanitary condition.

I contemplate by my invention paper liners of the character set forth, which are perforated as well as unperforated. Further, in some cases, it is possible to omit the flaps 9 and 10, although these flaps are an important feature of my invention. The corrugated portions enable the liner to adapt itself to quite a range of sizes of strainers and considerable variation in shapes of strainers, as well as facilitating the setting up of the one-piece liner.

I have illustrated and described my improvements in an embodiment which I have found very practical. I have not attempted to illustrate or describe other embodiments or adaptations as it is believed this disclosure will enable those skilled in the art to embody or adapt my improvements as may be desired.

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

1. A paper liner of the character set forth, comprising a one-piece blank having a flat bottom of substantially triangular shape and upwardly flared corrugated side walls, said bottom and walls having a plurality of drain openings, and flaps on said side walls adapted to provide a handle for lifting the liner and the contents thereof.

2. A paper liner of the character set forth, comprising a flat bottom of substantially triangular shape and upwardly flared corrugated side

- walls, said bottom and walls having a plurality of drain openings, and flaps on said side walls adapted to provide a handle for lifting the liner and the contents thereof.
- 5 3. A paper liner of the character set forth, comprising a flat bottom and upwardly flared corrugated side walls, said side walls having a plurality of drain openings, and flaps on said side walls adapted to provide a handle for lifting the liner and the contents thereof.
- 10 4. A paper liner of the character set forth, comprising a flat bottom of substantially triangular shape and upwardly flared side walls, said side walls having a plurality of drain openings, and flaps on said side walls adapted to provide a handle for lifting the liner and the contents thereof.
- 15 5. A paper liner of the character set forth, comprising a flat bottom of substantially triangular shape and upwardly flared corrugated side walls, said bottom and walls having a plurality of drain openings.
- 20 6. A paper liner of the character set forth, comprising a flat bottom of substantially triangular shape and upwardly flared side walls, said bottom and walls having a plurality of drain openings.
- 25 7. A paper liner for a triangular flat bottom garbage strainer, comprising a one-piece blank shaped to fit within said strainer and having corrugated side walls, flaps on said walls adapted to provide means for lifting the liner from the strainer, the bottom and side walls of said liner being perforated to provide drainage means.
- 30 8. A liner for a flat bottom garbage strainer, comprising a one-piece blank shaped to fit within said strainer and having side walls, flaps on said walls adapted to provide means for lifting the liner from the strainer, the side walls of said liner being perforated to provide drainage means.
9. A paper liner for a garbage strainer provided with a flat bottom and side walls having corrugations, whereby the walls may expand or contract to fit said strainer, said bottom and walls being perforated to provide drainage means, and flaps on said walls whereby the liner and its contents may be lifted.
- 5 10. A paper liner for a garbage strainer provided with a flat bottom and side walls having corrugations, whereby the walls may expand or contract to fit said strainer, said bottom and walls being perforated to provide drainage means.
- 15 11. A liner for a garbage strainer provided with a bottom and side walls having corrugations, whereby the walls may expand or contract to fit said strainer, said walls being perforated to provide drainage means.
- 20 12. A disposable liner for a sink strainer, comprising a paper container treated to resist moisture and having a flat bottom and upwardly flared corrugated side walls, said bottom and side walls having a plurality of drain openings and flaps on said side walls adapted to provide a handle for lifting the liner and the contents thereof.
- 25 13. A disposable liner for a sink strainer, comprising a paper container treated to resist moisture and having a flat bottom and side walls, said side walls having a plurality of drain openings and flaps on said side walls adapted to provide a handle for lifting the liner and the contents thereof.
- 30 14. A disposable liner for a sink strainer, comprising a paper container treated to resist moisture and having a flat bottom and side walls, said side walls having drainage means therein.
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