Sept. 4, 1928. 1,683,205

E. S. PACKARD

CUP DRIP ATTACHMENT

Filed Aug. 11, 1927

Fig. 1.

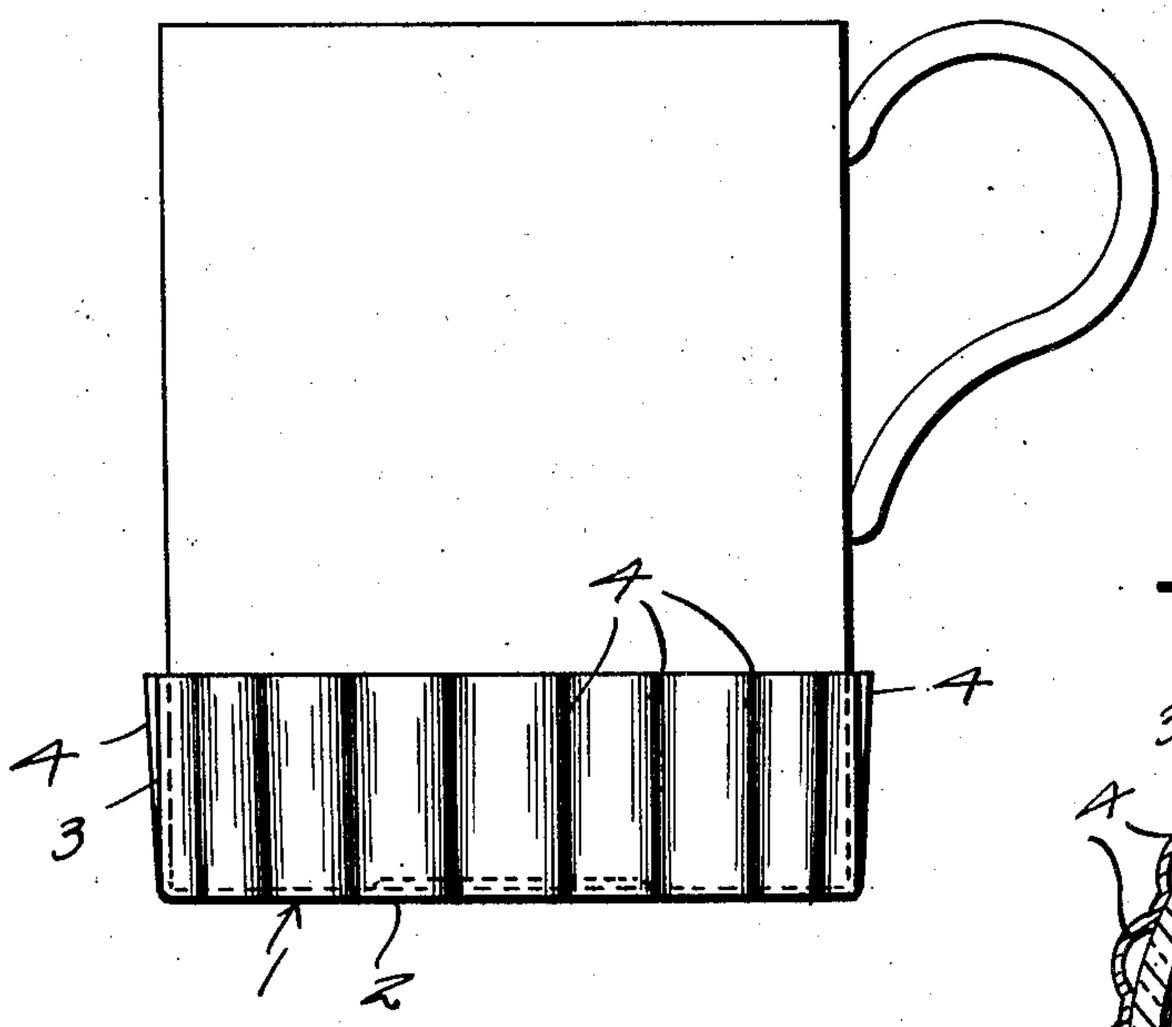


Fig. 3.

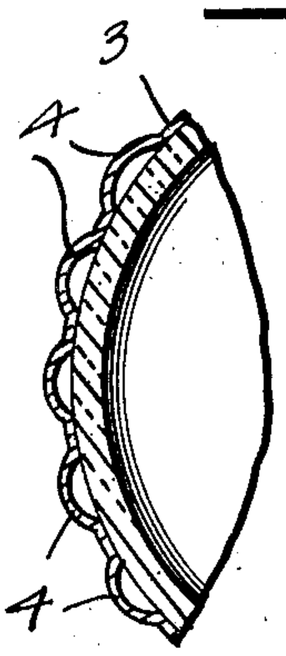


Fig. 2.

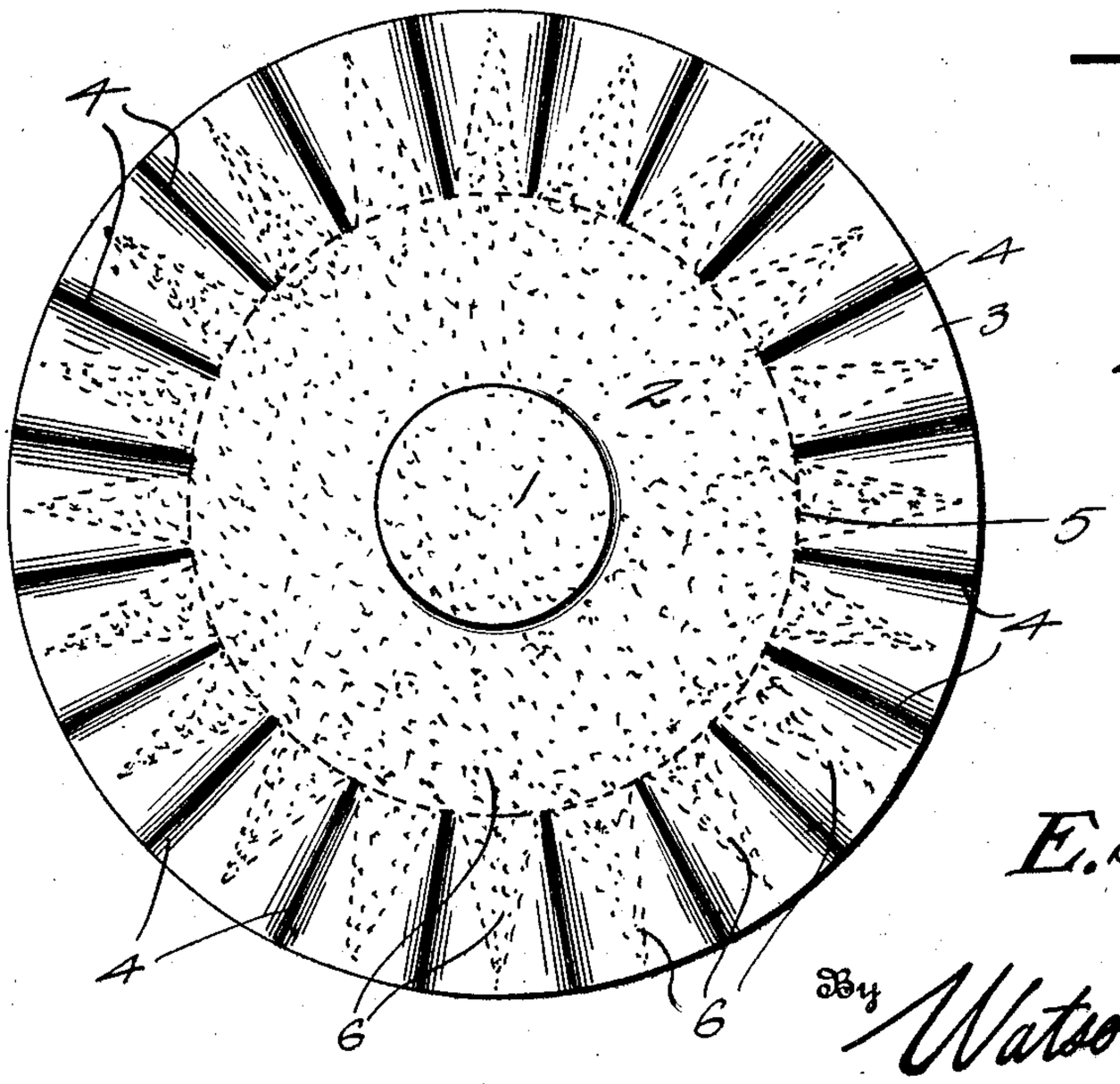
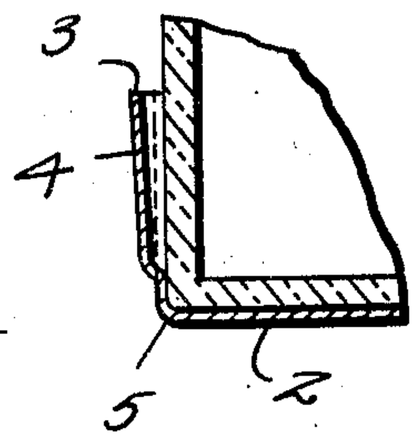


Fig. 4.



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Patented Sept. 4, 1928. 1,683,205

UNITED STATES PATENT OFFICE.

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CUP-DRIP ATTACHMENT.

Application filed August 11, 1927. Serial No. 212,313.

This invention relates to a cup drip attachment and it consists in the novel features hereinafter described and claimed.

An object of the invention is to provide an attachment adapted to be applied to the bottom and side wall portions of a cup and which will normally fit snugly against the surfaces of the cup and having its features so assembled and related that any drip which may gravitate or spill from the rim of the cup is caught and retained in the attachment.

In the dispensation of l'quids at lunchrooms and restaurants considerable trouble and annoyance is caused by the drip of the liquid from the rims of the cups or mugs used. This drip accumulates upon the tray or runs from the bottom of the cup upon the top of the table and frequently soils the clothing of the customer especially the sleeves. The present device is designed to prevent such sloppiness and also to effect a saving in the wages which are usually paid to attendants for washing the tables after the diner has used the same. This, of course, means quite a reduction in the overhead expenses of the restaurant keeper.

With this object in view the attachment consists of a blank originally in the form of a disk and having a circular central area adapted to be applied to the bottom surface of the cup or mug. Said blank is provided with an annular marginal area adapted to be crimped up against the side surface of the cup or mug. The creases forming the crimp are radially disposed with relation to the center of the blank. A coating of adhesive is applied to the central area of the blank and the coating is extended into the marginal area thereof along the inwardly disposed folds of the creases of the crimps. This adhesive serves the double function of causing the attachment to adhere to the bottom surface and portions of the side surface of the mug and also serves as means for shrinking the marginal area of the blank, in radial lines, so that the said marginal area will normally fit snugly against the side surface of the mug. When the drip runs down the side of the mug from the rim, it comes in contact with the exposed edge of the marginal area and is absorbed by the said marginal area causing the portions thereof lying between the folds of the crimp having the adhesive thereon to expand, thereby forming pockets which may receive and retain any further overflow descending from the rim of the mug.

In the accompanying drawings, Figure 1 is a side elevation of a mug showing the drip attachment applied thereto;

Figure 2 is a plan view of the attachment detached;

Figure 3 is a horizontal fragmentary sectional view of the cup and attachment;

Figure 4 is a vertical fragmentary sectional view of the cup attachment.

The cup drip attachment consists of a blank 1 of porous material preferably paper, said blank being originally in the form of a disk and provided with a circular central area 2 and an annular marginal area 3. The said marginal area is provided with radially disposed creases or crimps 4 and the said central and marginal areas join with each other at the circular bend line or fold 5. A coating 6 of adhesive such as mucilage or glue is applied to the surface of the central area 2 and the said coating is extended in the form of radially disposed spicules along the portions of the surface of the marginal area 3 lying between the creases 4.

The attachment is applied to the mug by slightly moistening the coating of adhesive and by applying the central area 2 to the bottom surface of the mug. The marginal area 3 is bent upwardly along the line 5 and disposed against the side surface of the mug. The coating will cause the blank to adhere to the surface of the mug and the adhesive shrinks those areas of the blank upon which it is located so that the marginal area fits snugly against the side surface of the mug. Thus mugs having the attachment applied thereto may be easily stacked, one upon the other, or may be readily carried and the attachment presents no obstructing projection. When a liquid is dispensed in the mug and the mug is being moved, any drip which may run over the edge of the mug will descend along the side surface thereof and come in contact with the upwardly disposed and exposed edge of the marginal area 3 of the blank. The said liquid will be absorbed by the material of the blank and as the portions of the marginal area lying between the lines of the coating soak up the liquid the said portions will expand forming pockets which bulge outwardly from the mug and which will receive any further drip which may drain from the upper edge of the mug. Thus the said drip is retained within the

attachment and does not come in contact with the surface of a serving tray, table top or articles of clothing. Furthermore, the retention of the drip will have a tendency to soften the adhesive and when the user is finished with the mug, the adhesive will be reduced to such a soft condition that the attachment may be readily removed from the mug by using a little force or pressure.

Having described the invention what is claimed is:—

1. A cup drip attachment comprising a blank of porous material originally in the form of a disk, said blank having central and marginal areas, the marginal area being provided with creases radially disposed with relation to the blank, and a coating of adhesive applied to the central area of the blank and extended in radial lines across the marginal area of the blank.

2. A cup drip attachment comprising a blank of porous material originally in the form of a disk, said blank having central and marginal areas, the marginal area being provided with creases radially disposed with relation to the blank, and a coating of adhesive applied to the central area of the blank and extended in radial lines across the marginal area of the blank, said extended portions of the coating lying between the creases.

3. A cup drip attachment comprising a blank of porous material originally in the form of a disk, said blank having central and marginal areas, the marginal area being provided with creases radially disposed with relation to the blank, and a coating of adhesive applied to the central area of the blank and extended in radial lines across the marginal area of the blank, said extended portions of the coating tapering toward their outer ends and lying between the creases.

In testimony whereof I hereunto affix my signature.

EDWARD S. PACKARD.