

(No Model.)

W. L. GERARD.
DISINFECTANT CUP.

No. 519,811.

Patented May 15, 1894.

Fig. 1.

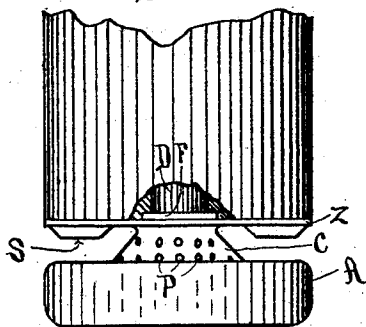


Fig. 2.

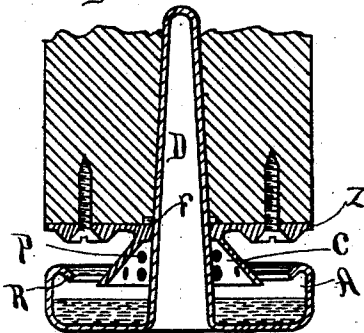


Fig. 3.

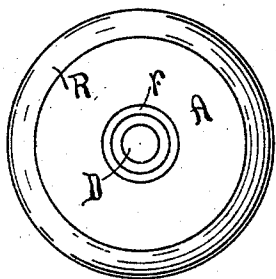


Fig. 4.

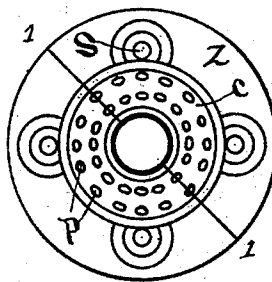
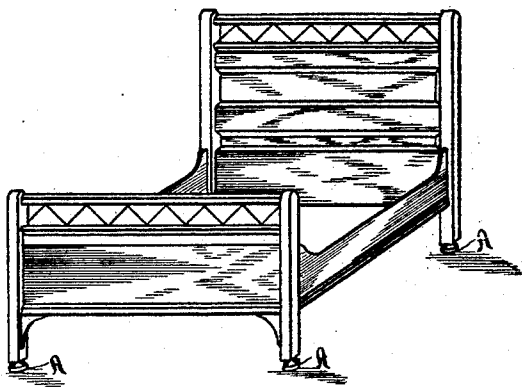


Fig. 5.



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WILLIAM L. GERARD, OF WICHITA, KANSAS.

DISINFECTANT-CUP.

SPECIFICATION forming part of Letters Patent No. 519,811, dated May 15, 1894.

Application filed October 17, 1893. Serial No. 488,365. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. GERARD, a citizen of the United States of America, residing at Wichita, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Disinfectant-Cups, of which the following is a specification, reference being had therein to the accompanying drawing, and the letters and figures of reference thereon, forming a part of this specification, in which—

Figure 1, is a side view of my improved disinfectant cup with a portion of the leg broken away to show the flange on the socket. Fig. 2, is a cross sectional view of the same. Fig. 3, is a top plan of the receptacle, and Fig. 4, is a bottom plan of the cover. Fig. 5 shows it as it would appear in use.

This invention relates to certain improvements in disinfectant cups, having a cover to prevent the liquid from splashing out, and still leaving the receptacles sufficiently open to allow the vaporizable substance to evaporate, and consists of the receptacle having a downwardly and inwardly turned upper edge, with a socket extending upwardly from the bottom, and centrally located in the receptacle. A conical shaped cover having perforations in its sides, and a flange on one end.

Referring to the drawings A represents the receptacle which is partially filled with some antiseptic, and has its upper edge R turned inwardly and downwardly, for the purpose of assisting in preventing the liquid from splashing out.

D represents the socket which enters the leg of the furniture, and is provided with rim F, for the purpose of holding the receptacle from dropping out, when the furniture is raised from the floor.

C represents the cover which has the perforations P, for the purpose of allowing the disinfectant to evaporate, but not large enough to admit of the splashing out of the liquid.

Z is a circular flange on one end of the cover, and is for the purpose of holding the receptacle and cover in place, through the medium of screws, which enter the leg of the furniture through the holes S.

I am aware that heretofore there have been "insect traps" with covers, but my construction differs from them in the following: The cover C, is smaller than the cup A, and its lower end is below the flange R, so that when the liquid is splashing caused by the moving of the furniture, it will strike either the flange R, or the cover C and drip back into the receptacle A, and if the liquid should splash so hard as to strike the flange Z, it would drip down on the flange R, or the cover C, and back into the receptacle A. The central perforation in the cover, and the socket of the receptacle are made to fit, so that the receptacle will not slide up too far, thus bringing the cover in contact with the liquid, and the cover is formed in two parts as shown at 1—1 Fig. 4, so the hole in the cover may be made of just the right size to fit the socket D at a point just below the flange F.

Having thus described my invention, what I claim as new and useful and desire to secure by Letters Patent is as follows: A disinfectant cup comprising a conical cover, having a disk shaped base, and made in sections, in combination with a cup having a socket projection, and a shoulder thereon, embraced by the sectional cover, substantially as shown and described.

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Witnesses:

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