



US00D799129S

(12) **United States Design Patent**  
**Ishibashi**

(10) **Patent No.:** **US D799,129 S**  
(45) **Date of Patent:** **\*\* Oct. 3, 2017**

(54) **SPONGE FOR SUBSTRATE CLEANING**

- (71) Applicant: **Ebara Corporation**, Tokyo (JP)
- (72) Inventor: **Tomoatsu Ishibashi**, Tokyo (JP)
- (73) Assignee: **EBARA CORPORATION**, Tokyo (JP)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/562,164**
- (22) Filed: **Apr. 22, 2016**

(30) **Foreign Application Priority Data**

Oct. 28, 2015 (JP) ..... 2015-023967  
 Oct. 28, 2015 (JP) ..... 2015-023968

- (51) **LOC (10) Cl.** ..... **04-01**
- (52) **U.S. Cl.**  
USPC ..... **D32/40**

- (58) **Field of Classification Search**  
USPC ..... D32/40-49; 15/229.1; D21/203;  
D9/499, 780, 772, 767, 775  
CPC ..... A47L 13/16  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 737,066 A \* 8/1903 Bonar ..... D06F 79/00  
118/271
- 819,369 A \* 5/1906 Nelson ..... B24B 1/00  
451/188
- D52,793 S \* 12/1918 Hoffman ..... D9/772
- D96,483 S \* 8/1935 Kurtz ..... 15/220.1
- 2,425,966 A \* 8/1947 Tjomsland ..... A63B 67/14  
473/588
- 2,854,286 A \* 9/1958 Salick ..... A46B 3/16  
15/198
- 3,038,187 A \* 6/1962 Nathanson ..... A47L 13/16  
15/118
- 3,075,222 A \* 1/1963 Miller ..... A47L 11/164  
15/209.1
- 3,135,003 A \* 6/1964 Wise ..... A47L 15/0068  
15/211

(Continued)

FOREIGN PATENT DOCUMENTS

CN 3476130 \* 9/2005  
CN 302400866 S 4/2013

(Continued)

OTHER PUBLICATIONS

Amazon.com: Quickie Soap Dispensing Dishwasher Refills, review Jan. 9, 2013, [https://www.amazon.com/Quickie-Dispensing-Dishwasher-Refills-136MB/dp/B0012YL5SO/ref=sr\\_1\\_288?ie=UTF8&qid=1488499893&sr=8-288&keywords=soap+sponge](https://www.amazon.com/Quickie-Dispensing-Dishwasher-Refills-136MB/dp/B0012YL5SO/ref=sr_1_288?ie=UTF8&qid=1488499893&sr=8-288&keywords=soap+sponge), [site visited Mar. 2, 2017 7:15:58 PM].\*

(Continued)

*Primary Examiner* — John Windmuller

*Assistant Examiner* — John R Yeh

(74) *Attorney, Agent, or Firm* — Pearne & Gordon LLP

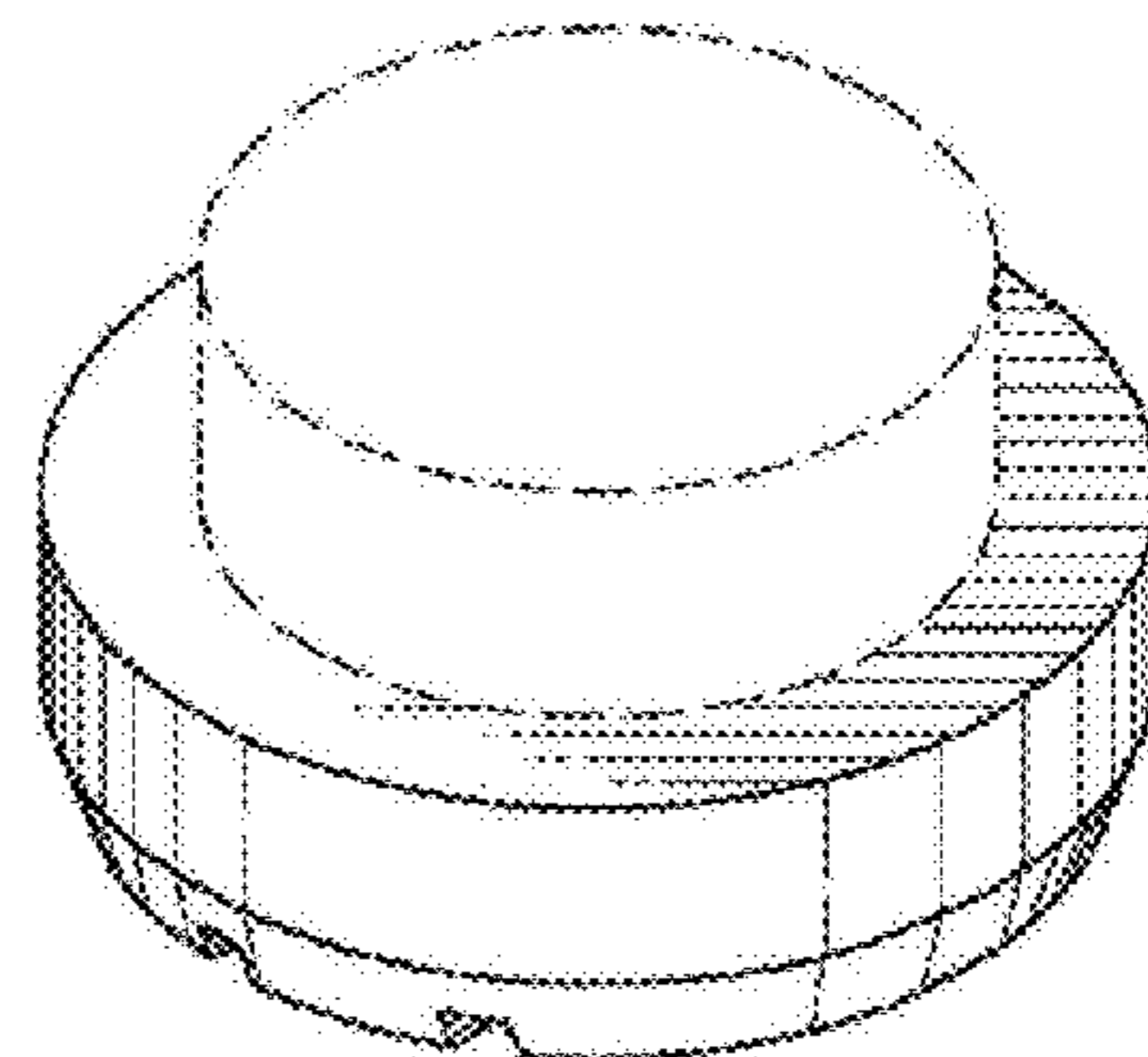
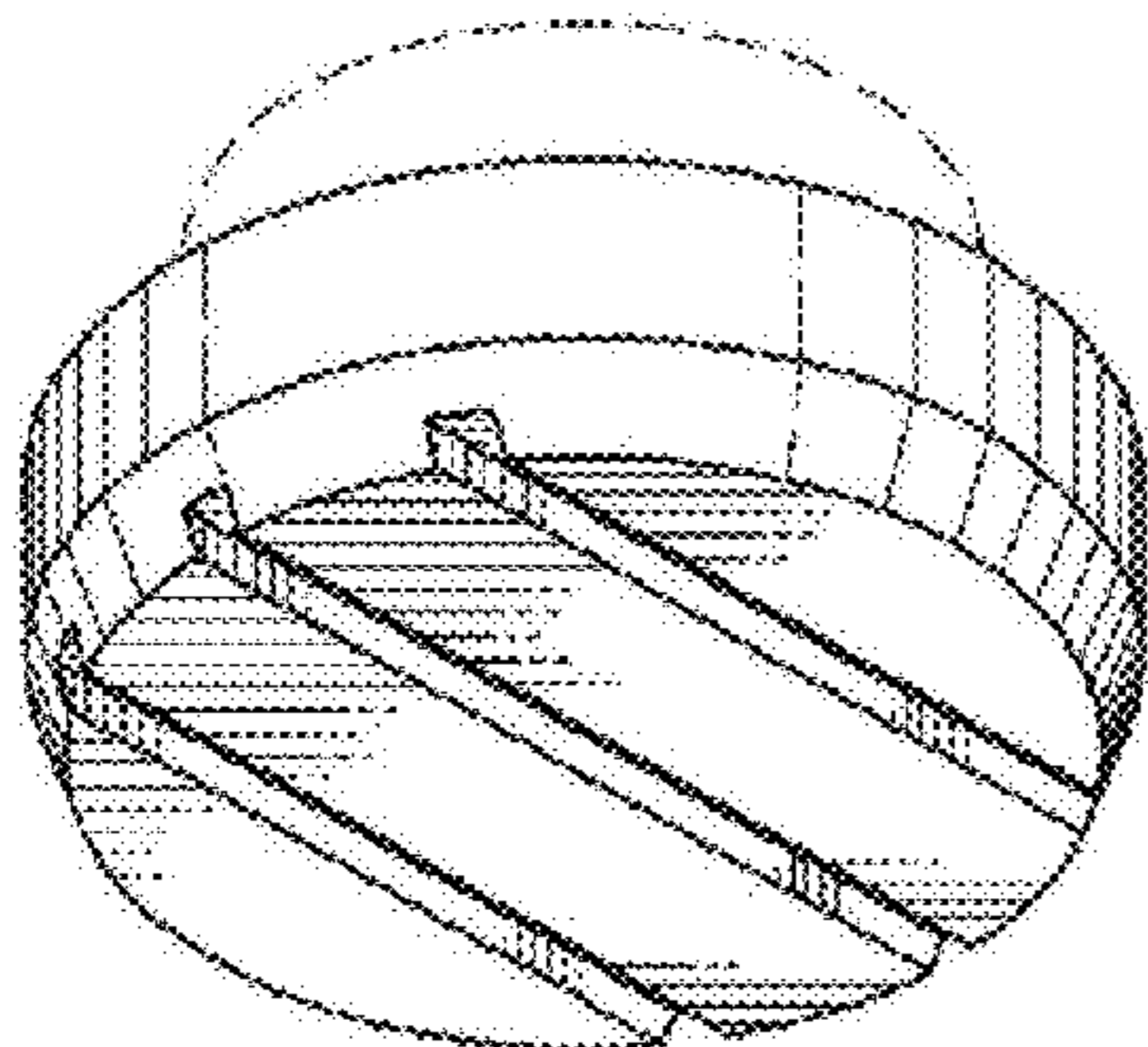
(57) **CLAIM**

The ornamental design for a sponge for substrate cleaning, as shown and described.

**DESCRIPTION**

FIG. 1 is a bottom-right perspective view of a sponge for substrate cleaning showing my new design;  
 FIG. 2 is a top-right perspective view observed from a bottom thereof;  
 FIG. 3 is a front view thereof, a rear view being identical thereto;  
 FIG. 4 is a right-side view thereof, a left-side view being identical thereto;  
 FIG. 5 is a top view thereof; and,  
 FIG. 6 is a bottom view thereof.  
 The broken lines depict environmental subject matter only and form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**



(56)

References Cited

U.S. PATENT DOCUMENTS

D230,814 S \* 3/1974 Everts ..... 15/229.11  
D260,408 S \* 8/1981 Ruffing ..... D21/731  
D274,383 S \* 6/1984 Banasiak ..... D32/45  
5,591,507 A \* 1/1997 Jones ..... A47L 13/16  
15/114  
D545,971 S \* 7/2007 Eknoian ..... D24/189  
D546,461 S \* 7/2007 Eknoian ..... D24/189  
D618,410 S \* 6/2010 Libman ..... D32/40  
D669,678 S \* 10/2012 Legreca ..... D3/205  
D684,739 S \* 6/2013 Arnold ..... D32/25  
D739,106 S \* 9/2015 Hoying ..... D32/40  
2001/0051494 A1 \* 12/2001 Sventek ..... B24B 1/00  
451/41  
2014/0259502 A1 \* 9/2014 Vitucci-Schneider .. A47L 13/16  
15/244.4  
2014/0325781 A1 \* 11/2014 Sauzek ..... B24D 11/02  
15/209.1

FOREIGN PATENT DOCUMENTS

CN 302719682 S 1/2014  
CN 303171473 S 4/2015  
JP 2000-173966 A 6/2000  
JP D1102095 \* 2/2001  
TW 129631 A 2/1990

OTHER PUBLICATIONS

Fliptop Lids—Images—Rieke Packaging, website 2017, <https://www.copybook.com/companies/rieke-packaging/pail-and-can-closures-gallery/fliptop-lids>, [site visited Mar. 8, 2017 1:13:54 PM].\*

\* cited by examiner

FIG. 1

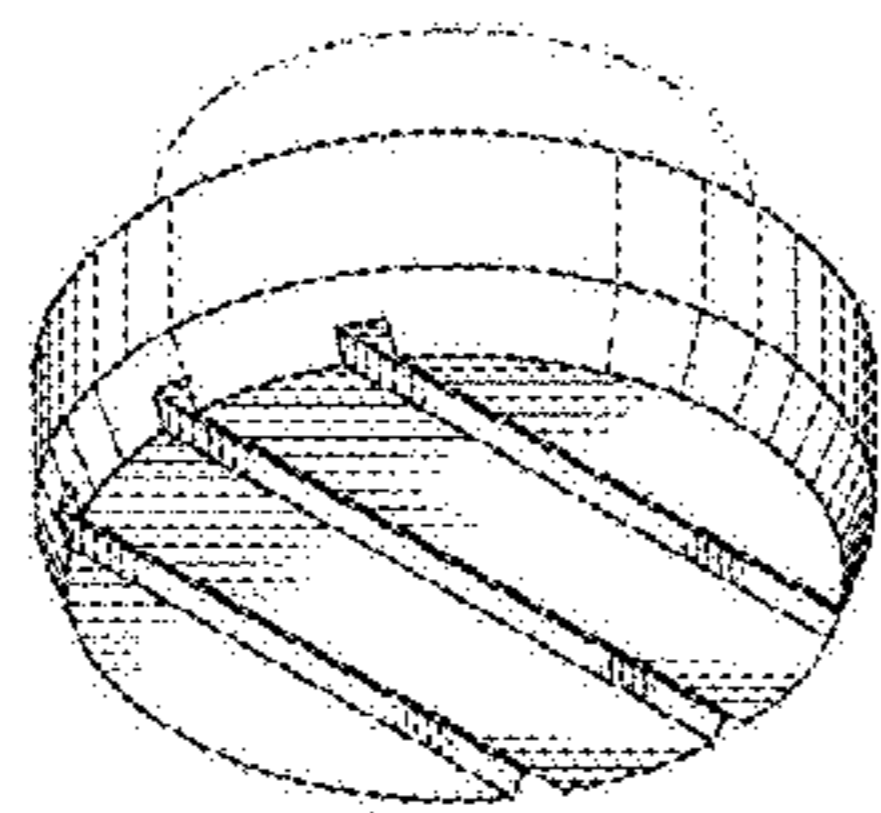


FIG. 2

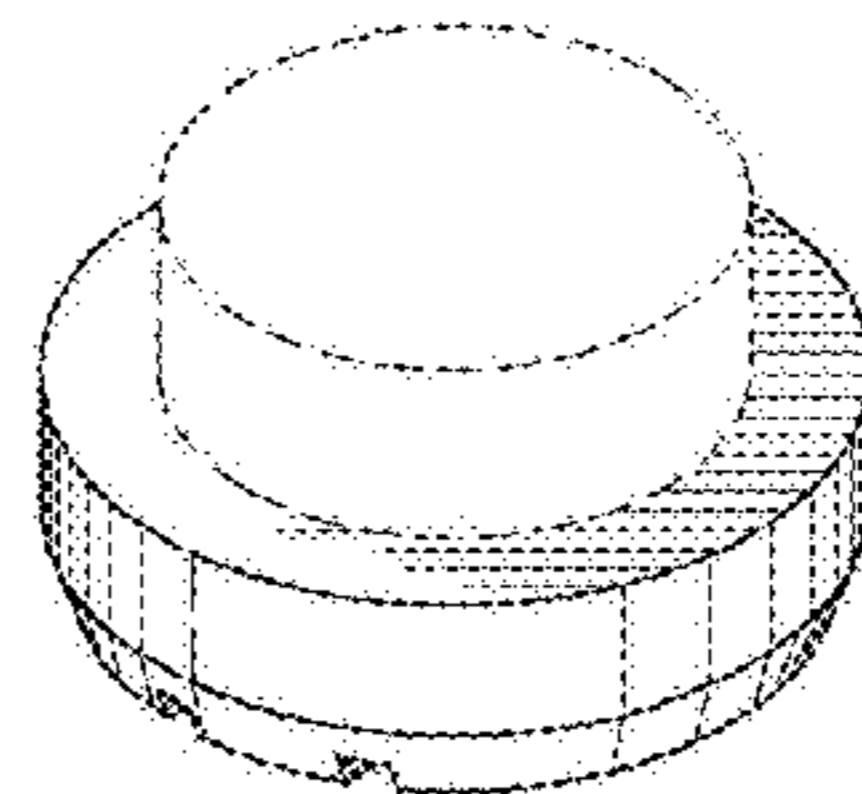


FIG. 3

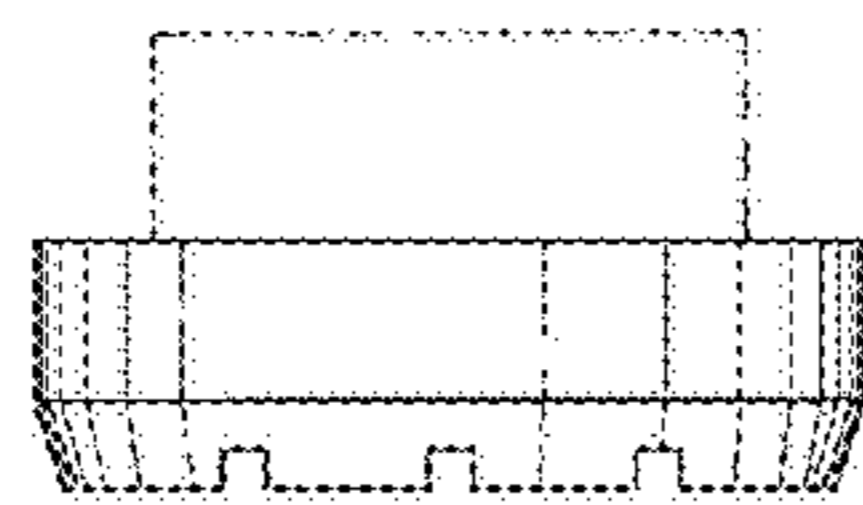


FIG. 4

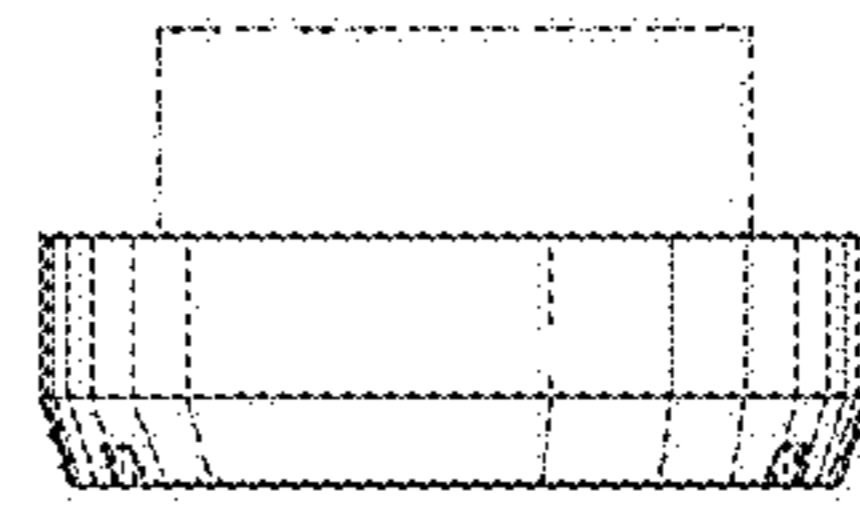


FIG. 5

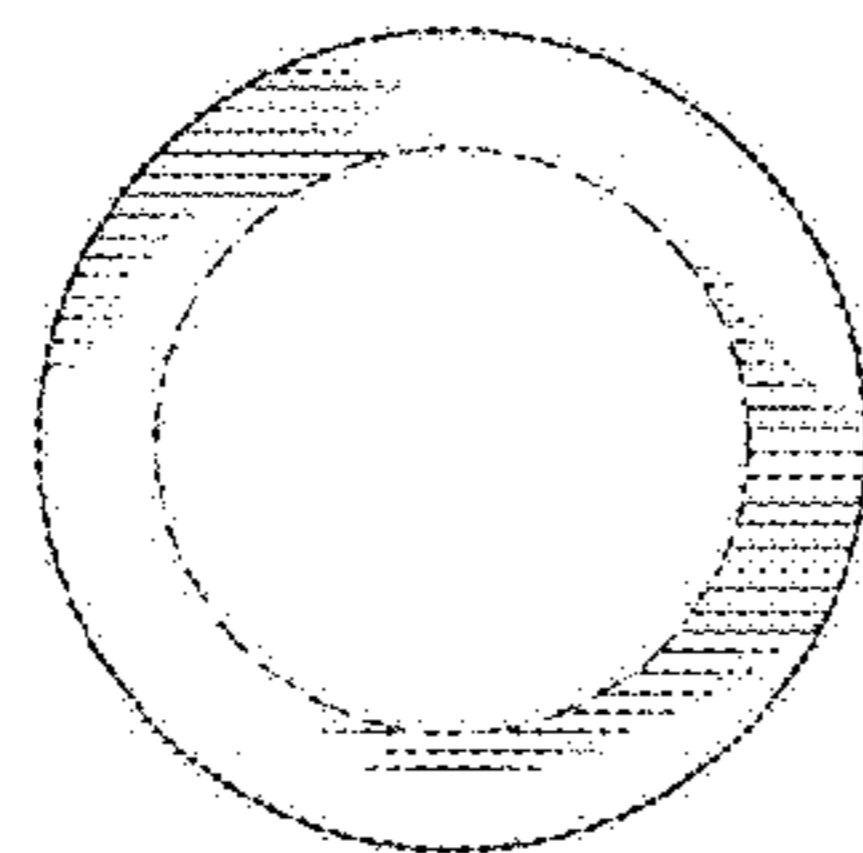


FIG. 6

