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(12) **United States Design Patent** (10) **Patent No.:** **US D796,632 S**
Bayyouk et al. (45) **Date of Patent:** **** Sep. 5, 2017**

(54) **VALVE MEMBER**
(71) Applicant: **S.P.M. Flow Control, Inc.**, Fort Worth, TX (US)
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(**) Term: **15 Years**
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(51) **LOC (10) Cl.** **23-01**
(52) **U.S. Cl.**
USPC **D23/233**
(58) **Field of Classification Search**
USPC D23/233, 234, 235, 236, 237, 238, 239, D23/240, 241, 242, 243, 244, 245, 246,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D309,938 S * 8/1990 Schoepe D23/236
D316,292 S * 4/1991 Baker D23/249
(Continued)

OTHER PUBLICATIONS

Weir “SPM® 2.0 Valve & Seat”, <https://www.global.weir/products/product-catalogue/spm-2.0-full-open-well-service-valves-and-seats>. Dec. 21, 2016. shown in p. 1, Item # SPM 2.0.*
International Search Report and Written Opinion re related application PCT/US16/40802, mailed Dec. 28, 2016, 12 pages.

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(57) **CLAIM**

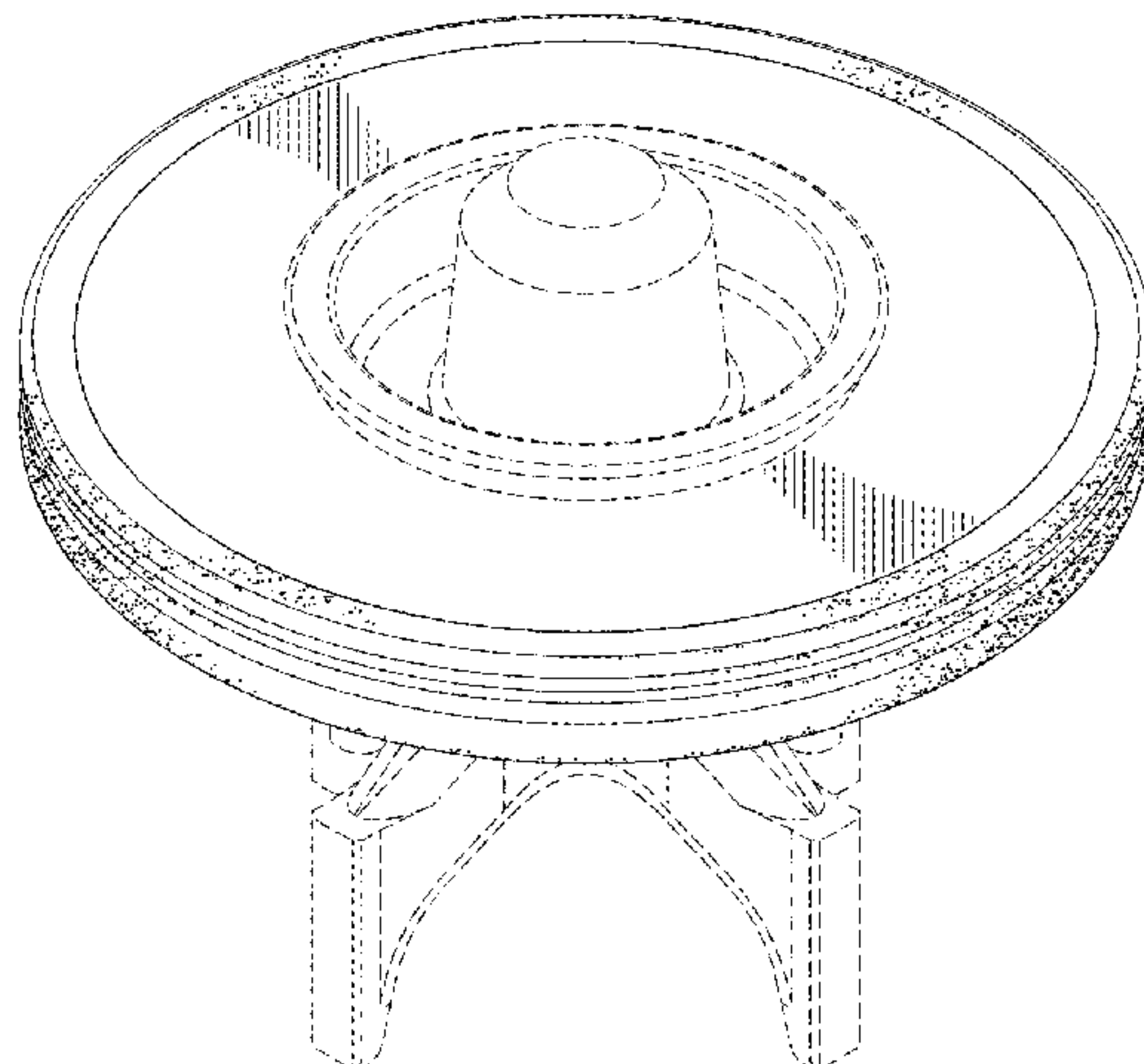
The ornamental design for a valve member, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a valve member showing our new design;

FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a front elevational view; with the rear being the same thereof;
FIG. 6 is a side elevational view; with the other side being the same thereof;
FIG. 7 is another top perspective view of the valve member showing our new design thereof;
FIG. 8 is another bottom perspective view thereof;
FIG. 9 is another top plan view thereof;
FIG. 10 is another bottom plan view thereof;
FIG. 11 is another front elevational view; with the rear being the same thereof;
FIG. 12 is another side elevational view; with the other side being the same thereof;
FIG. 13 is another top perspective view of a valve member showing our new design;
FIG. 14 is another bottom perspective view thereof;
FIG. 15 is another top plan view thereof;
FIG. 16 is another bottom plan view thereof;
FIG. 17 is another front elevational view; with the rear being the same thereof;
FIG. 18 is another side elevational view; with the other side being the same thereof;
FIG. 19 is another top perspective view of the valve member showing our new design thereof;
FIG. 20 is another bottom perspective view thereof;
FIG. 21 is another top plan view thereof;
FIG. 22 is another bottom plan view thereof;
FIG. 23 is another front elevational view; with the rear being the same thereof; and,
FIG. 24 is another side elevational view; with the other side being the same thereof.
The broken lines shown in the figures are included for the purpose of illustrating environmental structure and form no part of the claimed design.
The different surface shadings (line shading and stippled shading) in FIGS. 1-24 are used to indicate contrasting materials.

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**

USPC D23/247, 248, 249, 250, 259, 255;
4/255.03, 420, 440, 661; 137/1, 14, 50,
137/57, 596.14, 487.5, 625.64, 557, 558,
137/554, 217; D10/85; 141/64, 198,
141/294; 251/332, 333, 282
CPC F16K 1/126; F16K 11/20; F16K 15/023;
F16K 31/0641; F16K 31/0672; B01L
3/567; B23P 15/001; E02F 9/2267

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,226,445 A 7/1993 Surjaatmadja
D381,067 S * 7/1997 Karmalm D23/249
D382,943 S * 8/1997 Doughty D23/259
5,921,418 A * 7/1999 Pugh B63B 22/22
141/64
D443,040 S * 5/2001 Fabian D23/249
D470,226 S * 2/2003 Herbert D23/249
D626,208 S * 10/2010 Clements D23/365
D692,534 S * 10/2013 Fangmeier D23/233
D754,817 S * 4/2016 Dille D23/233
2002/0079332 A1 6/2002 McIntire et al.
2013/0015385 A1 1/2013 Marica
2013/0020521 A1 1/2013 Byrne
2013/0036855 A1* 2/2013 Huang F16K 31/60
74/543
2014/0070127 A1 3/2014 Blume

* cited by examiner

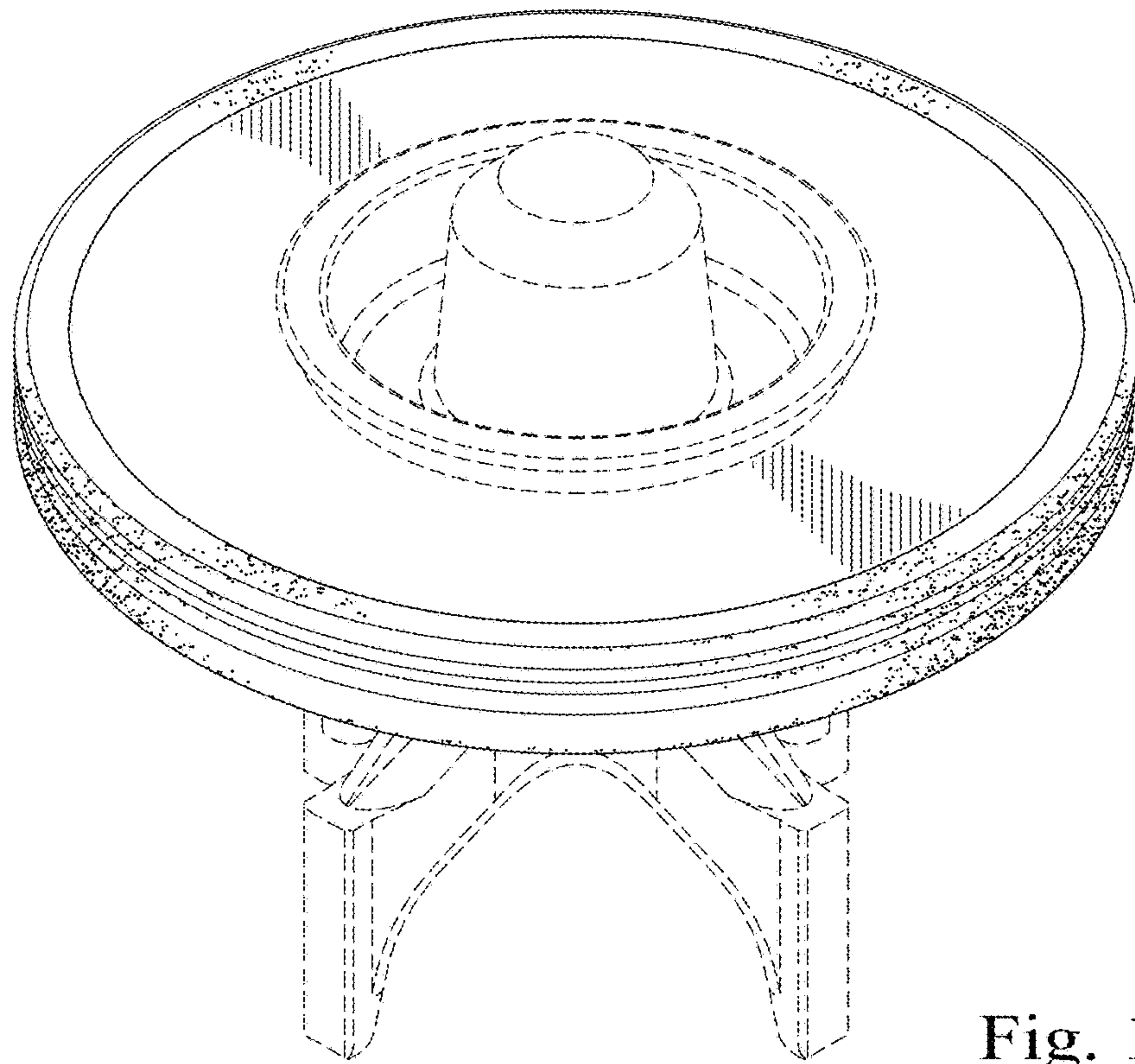


Fig. 1

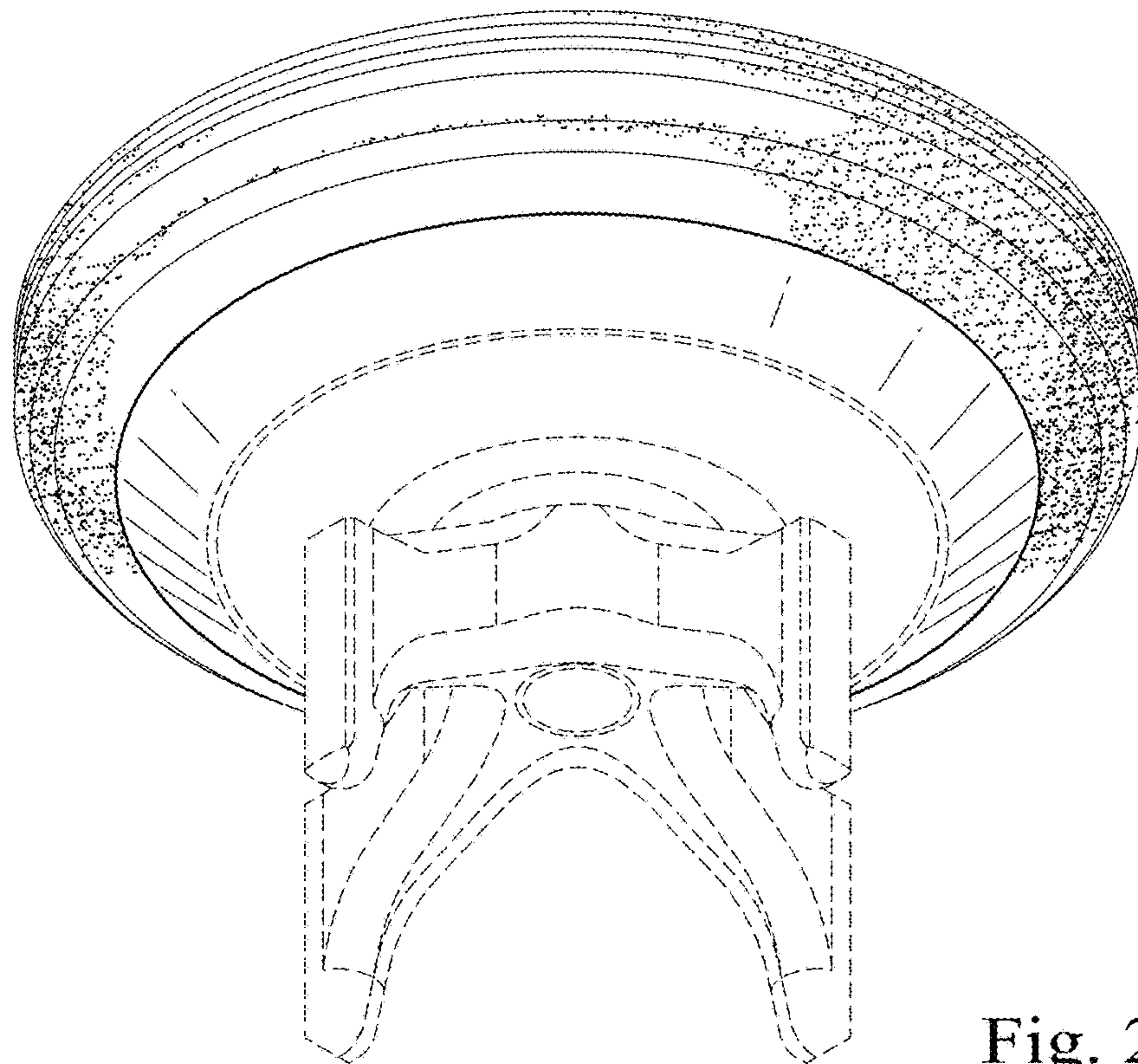


Fig. 2

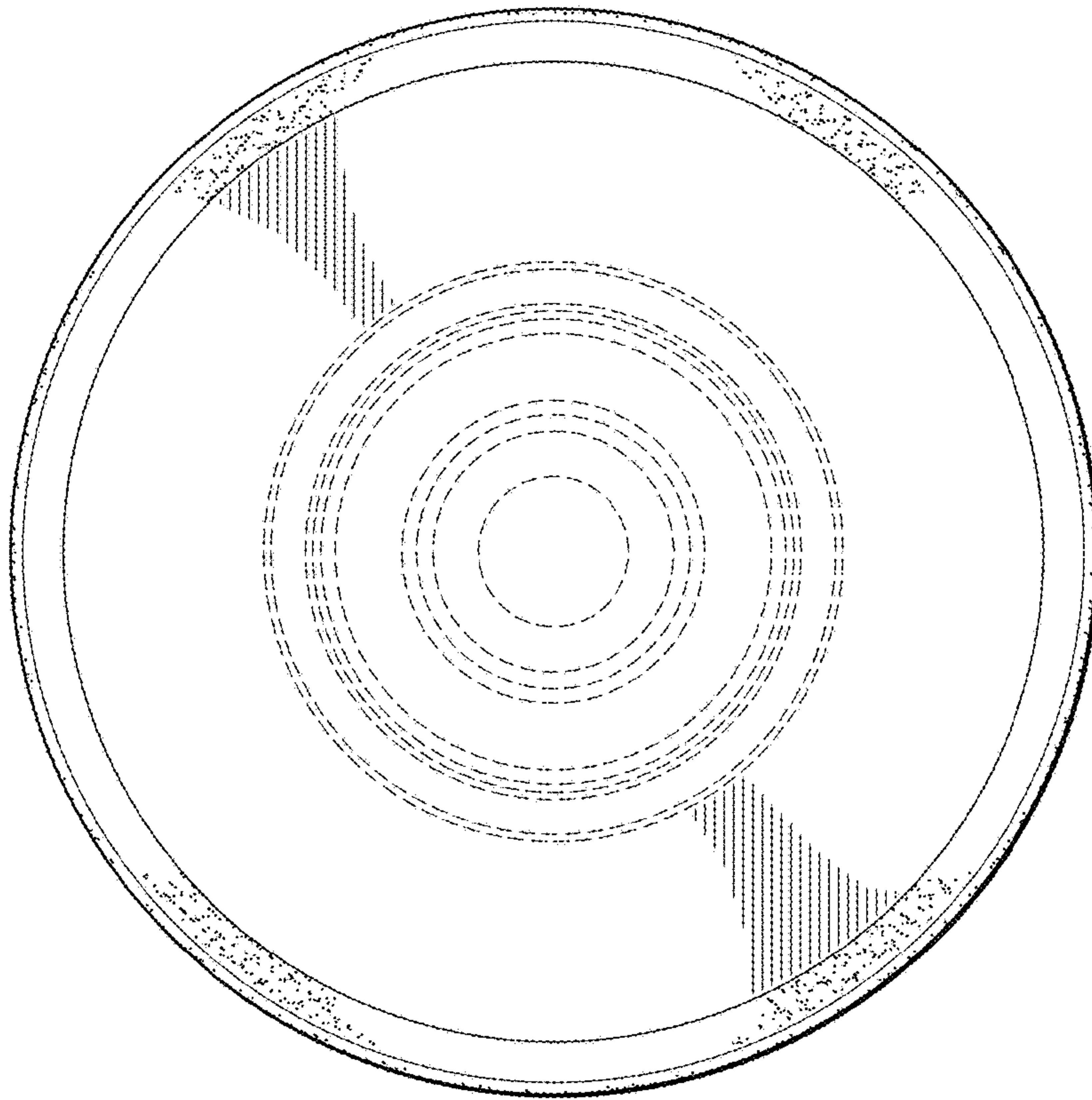


Fig. 3

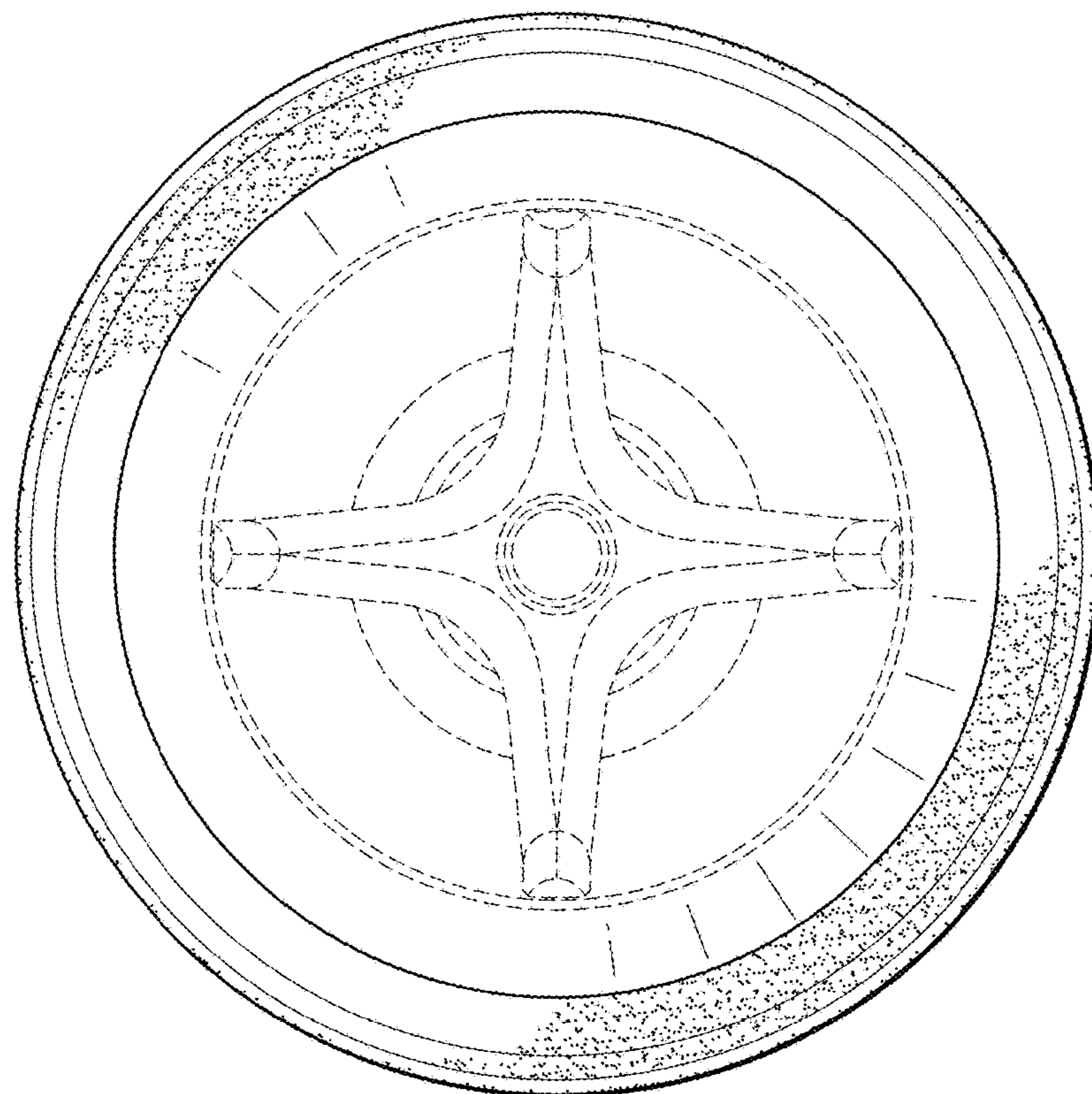


Fig. 4

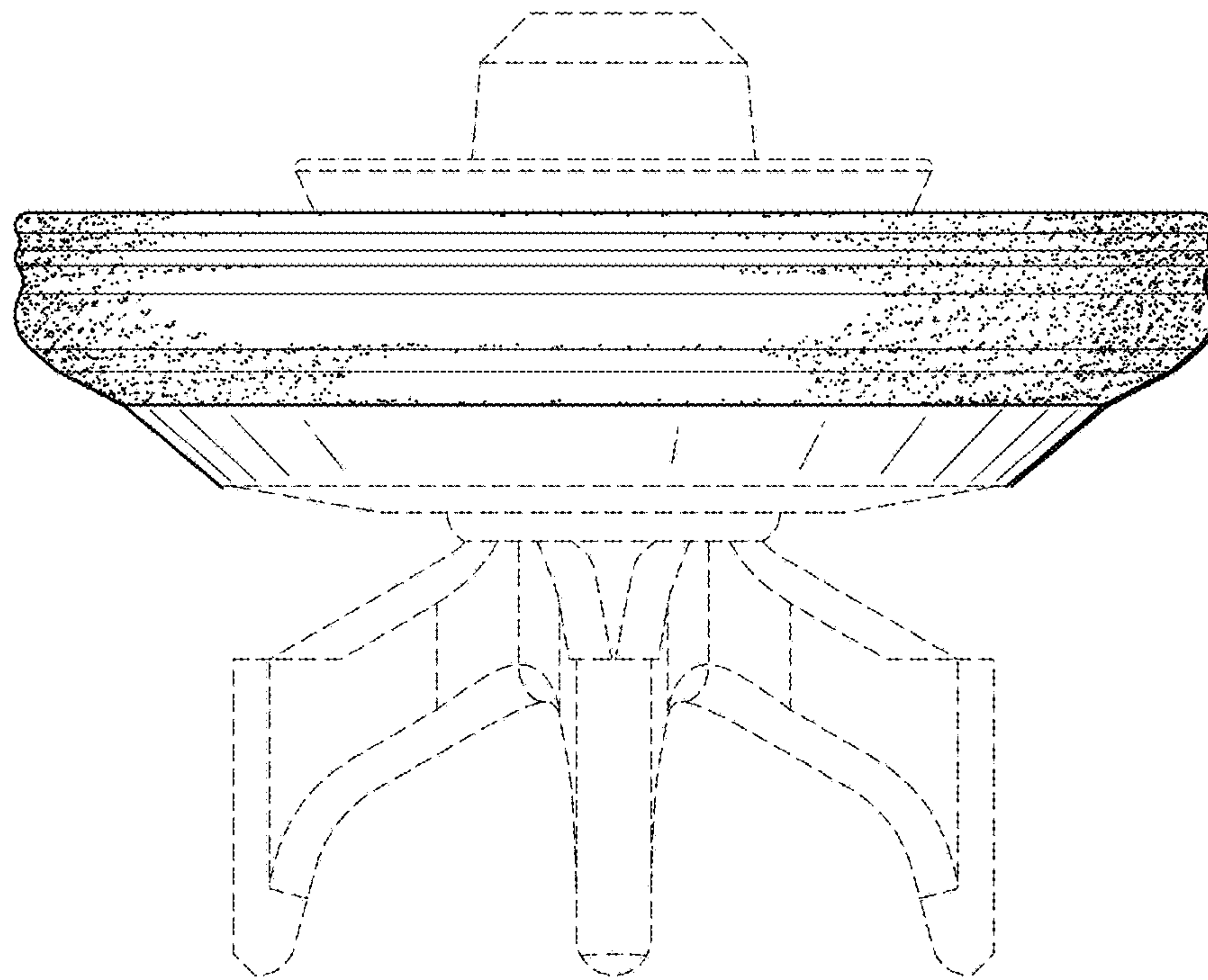


Fig. 5

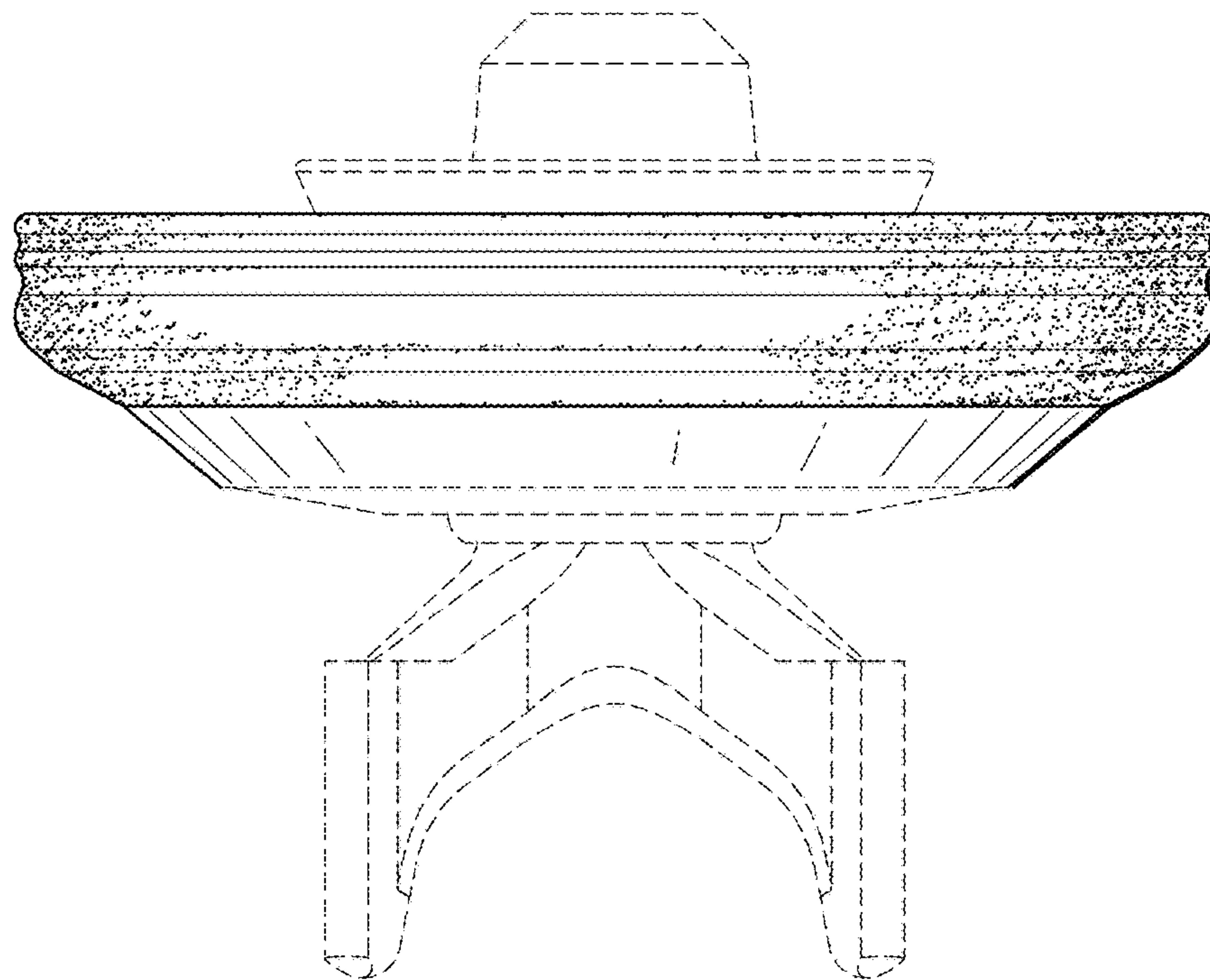


Fig. 6

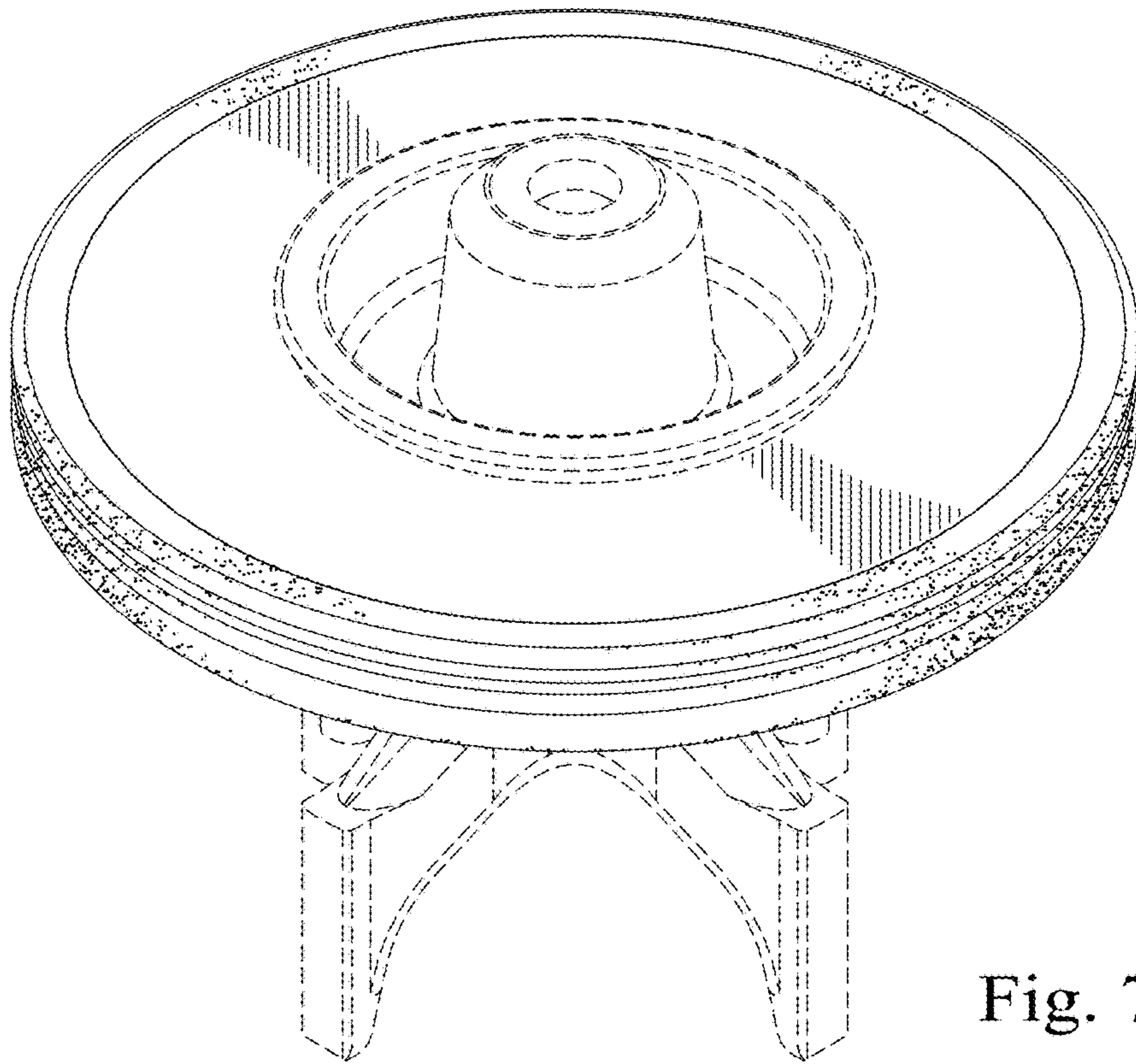


Fig. 7

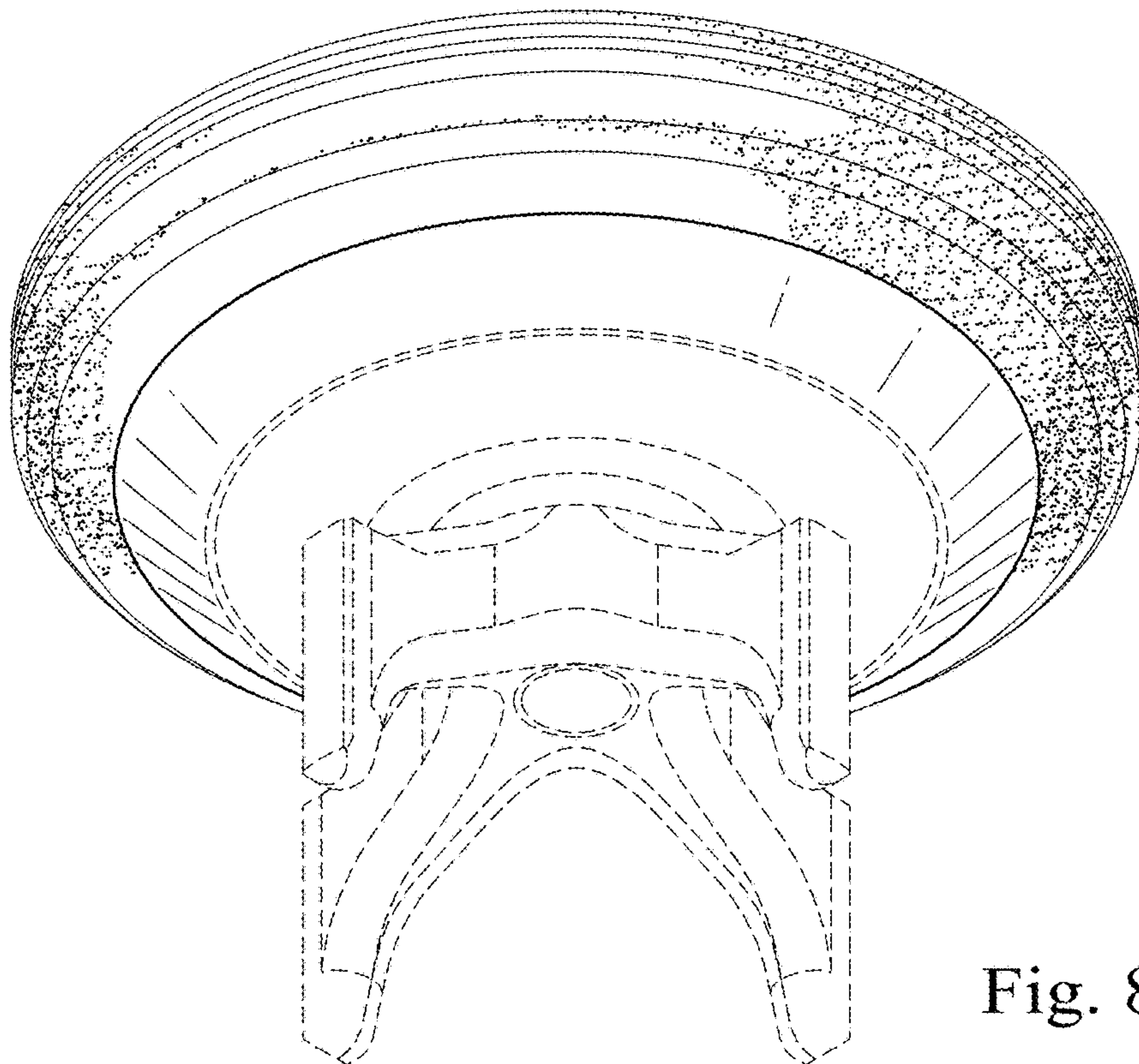


Fig. 8

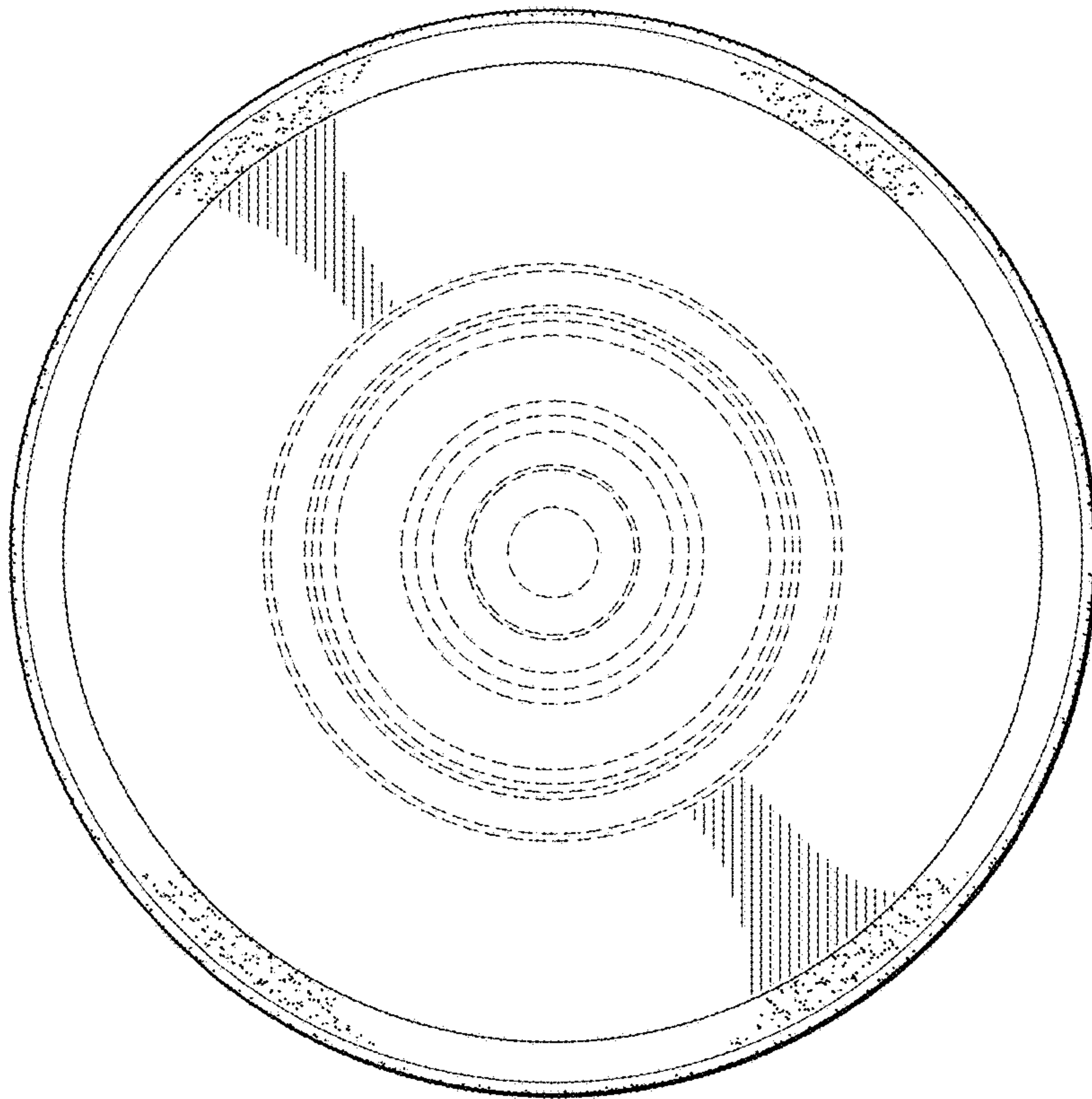


Fig. 9

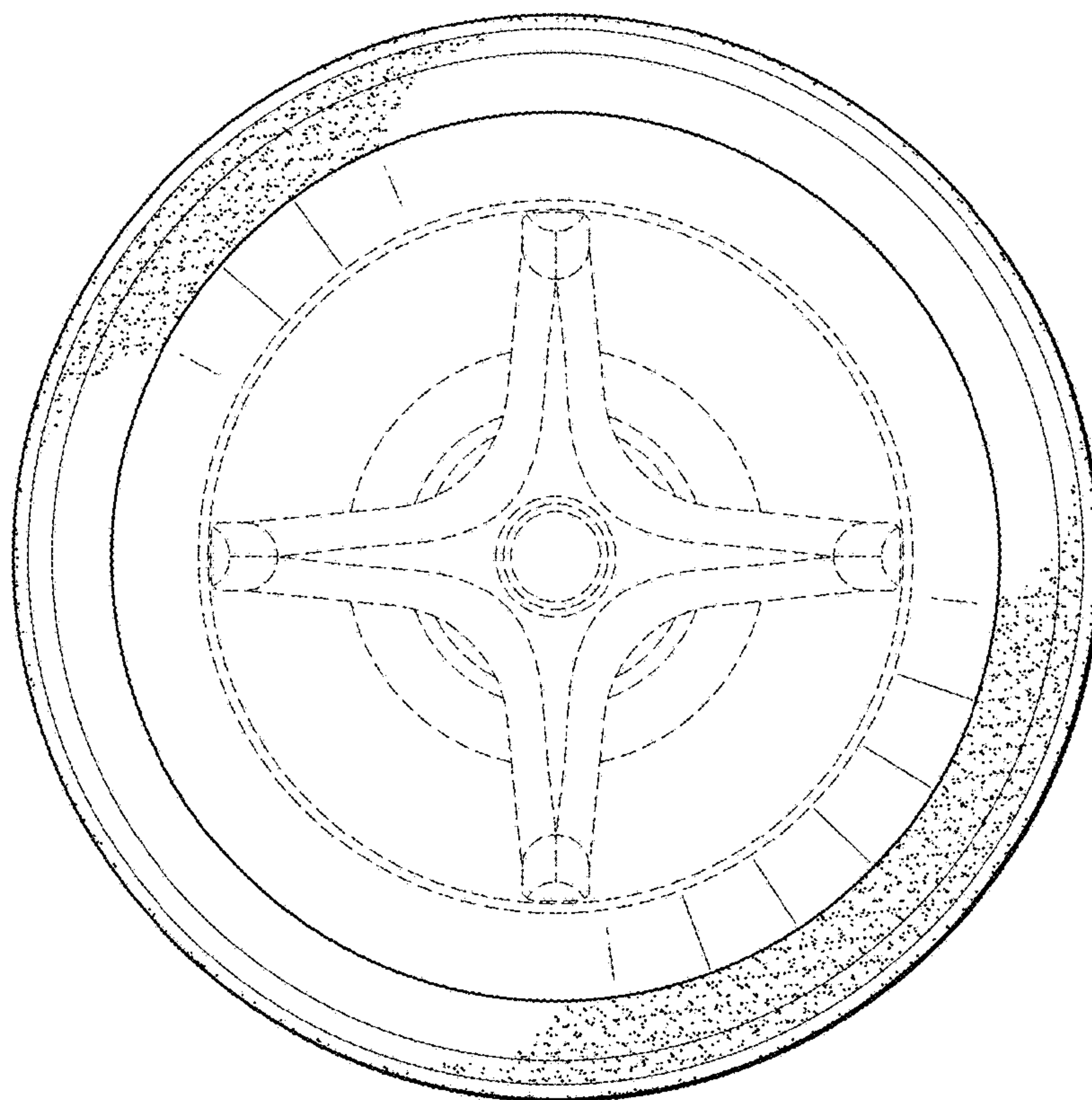


Fig. 10

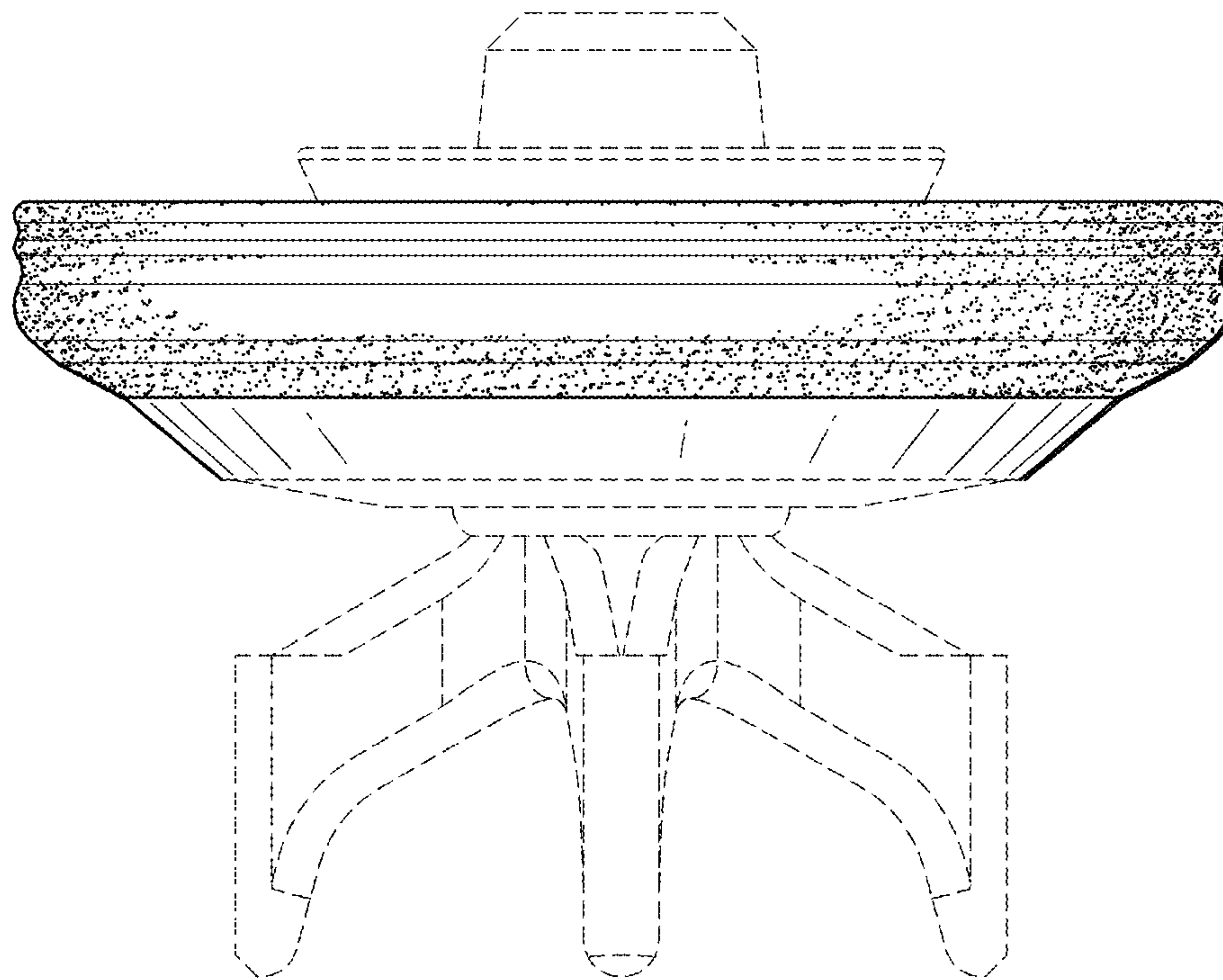


Fig. 11

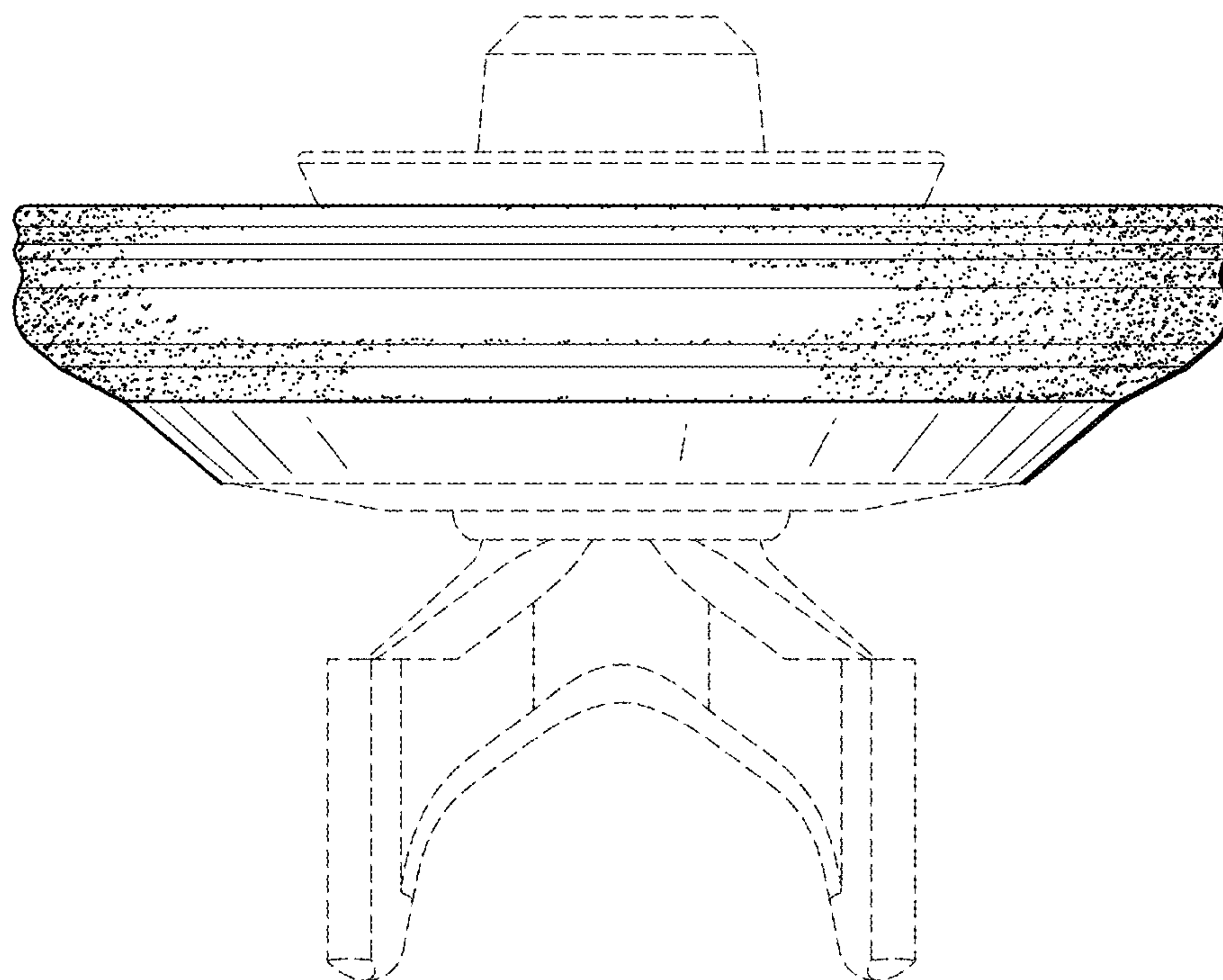


Fig. 12

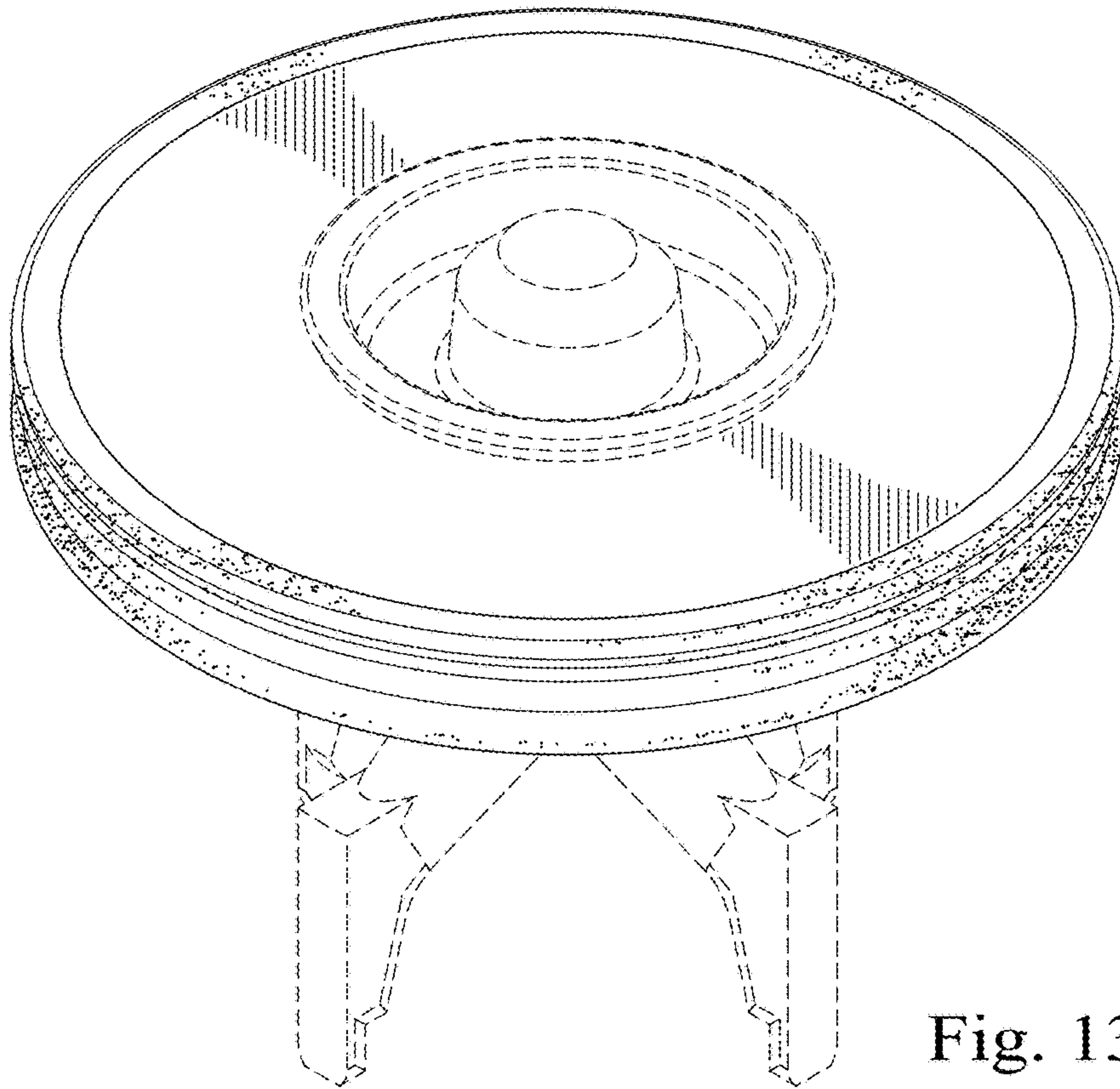


Fig. 13

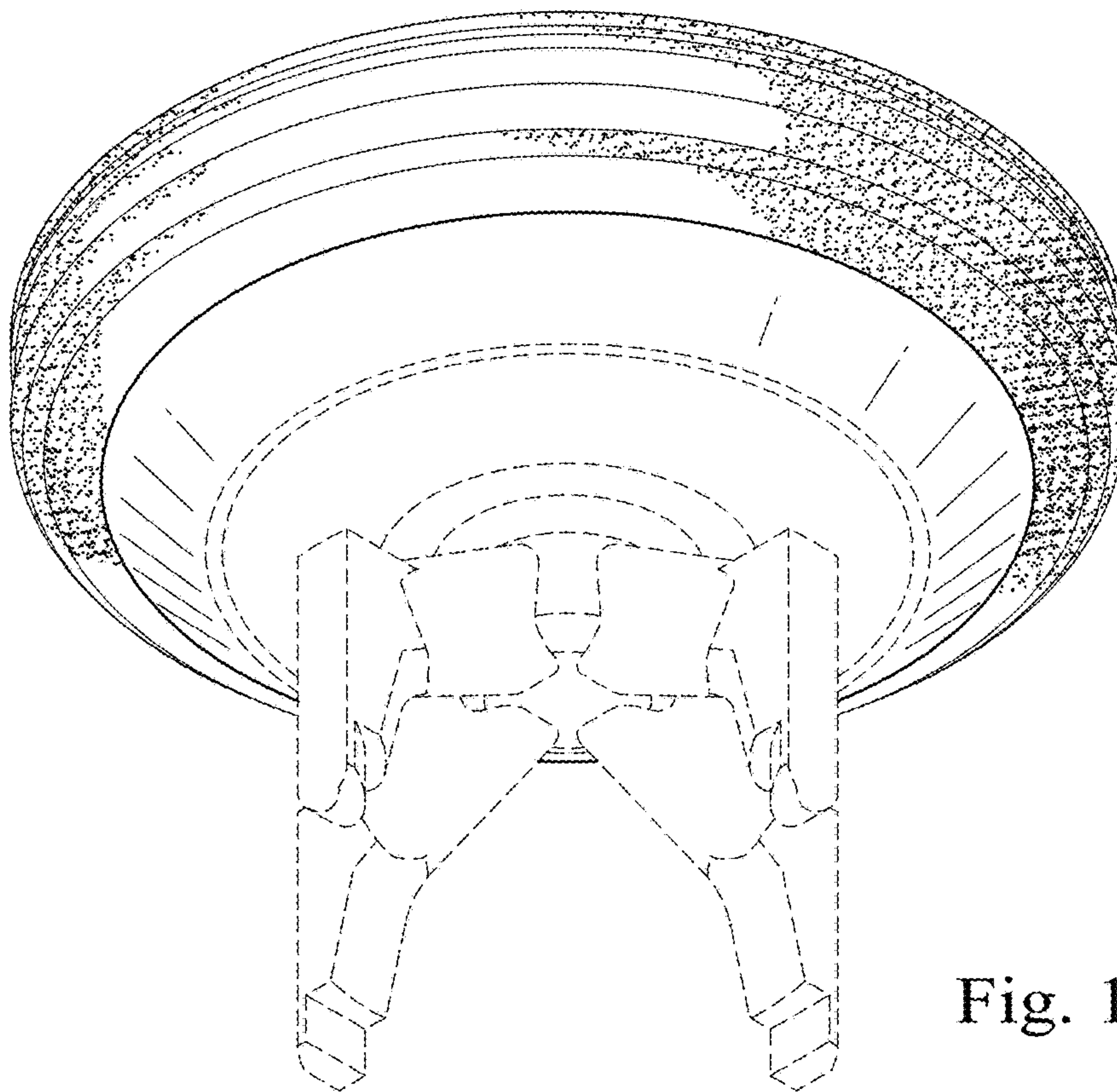


Fig. 14

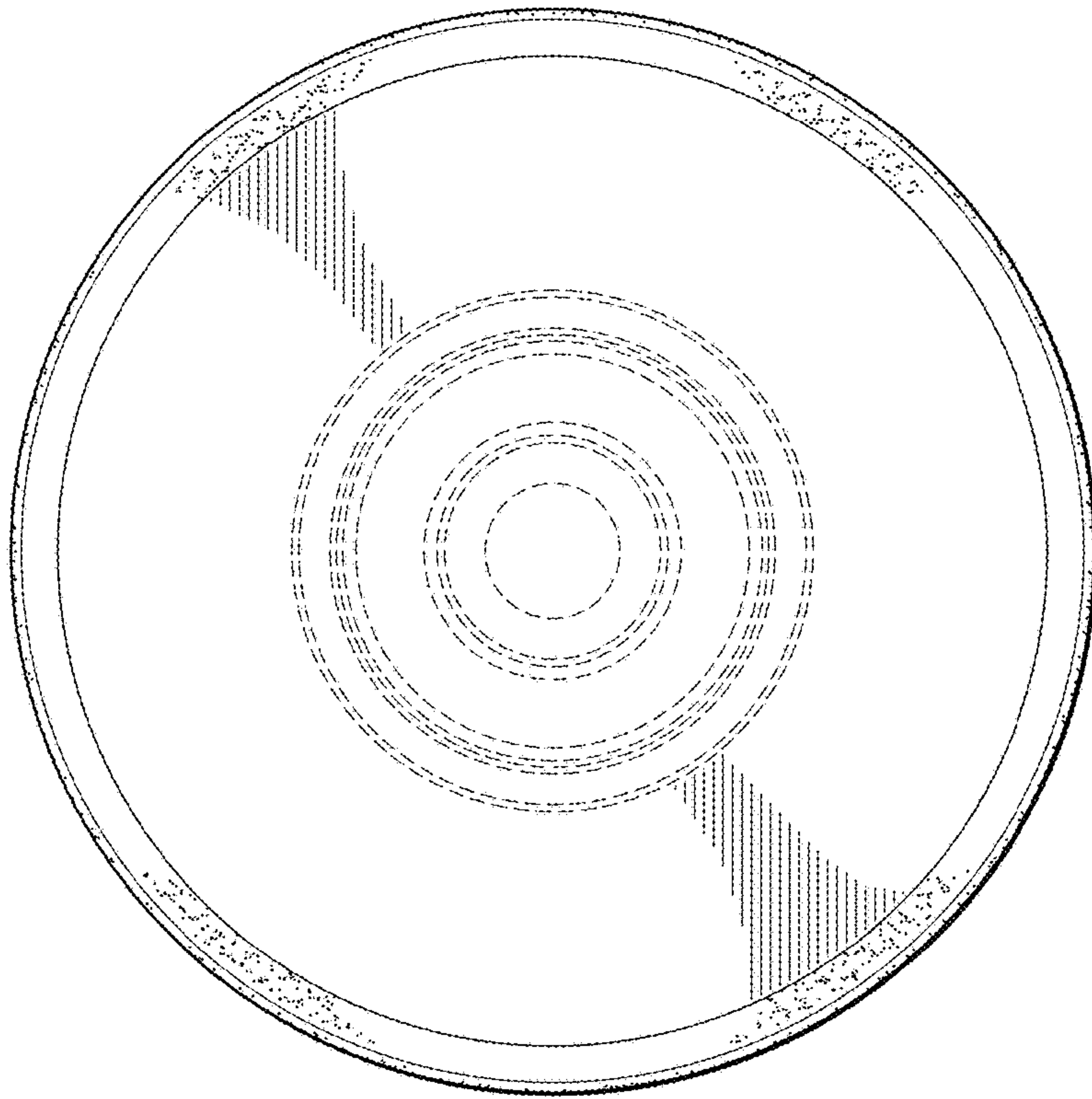


Fig. 15

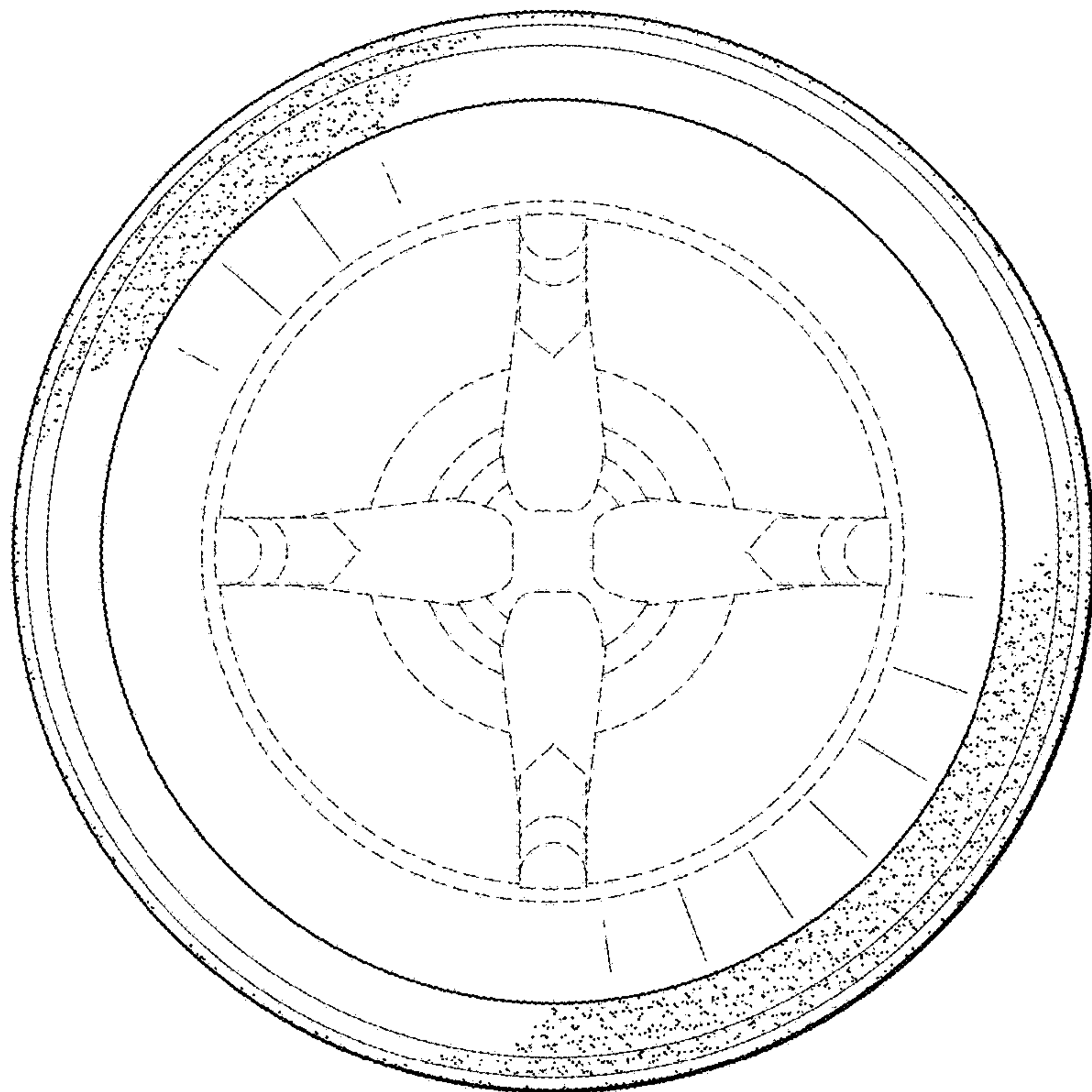


Fig. 16

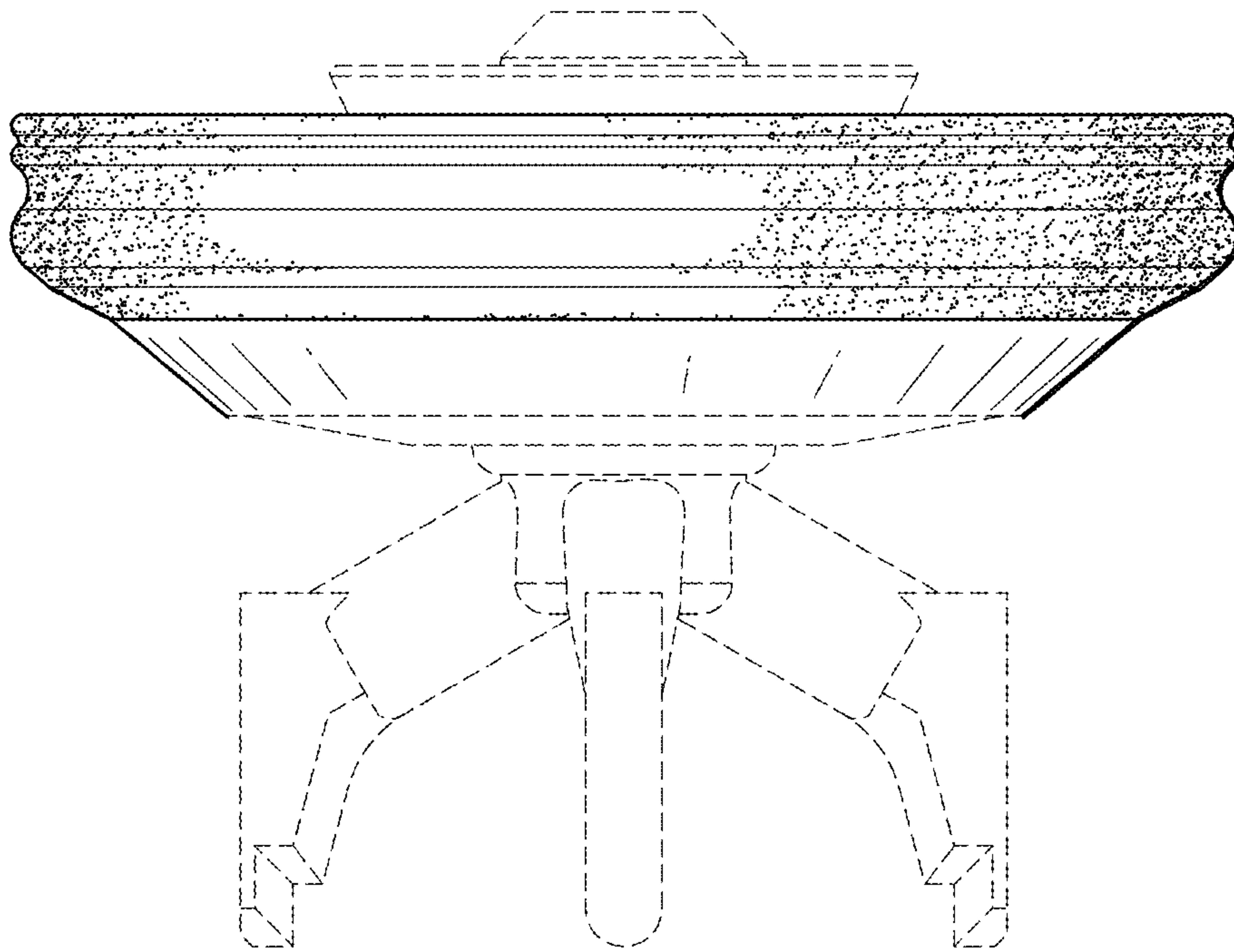


Fig. 17

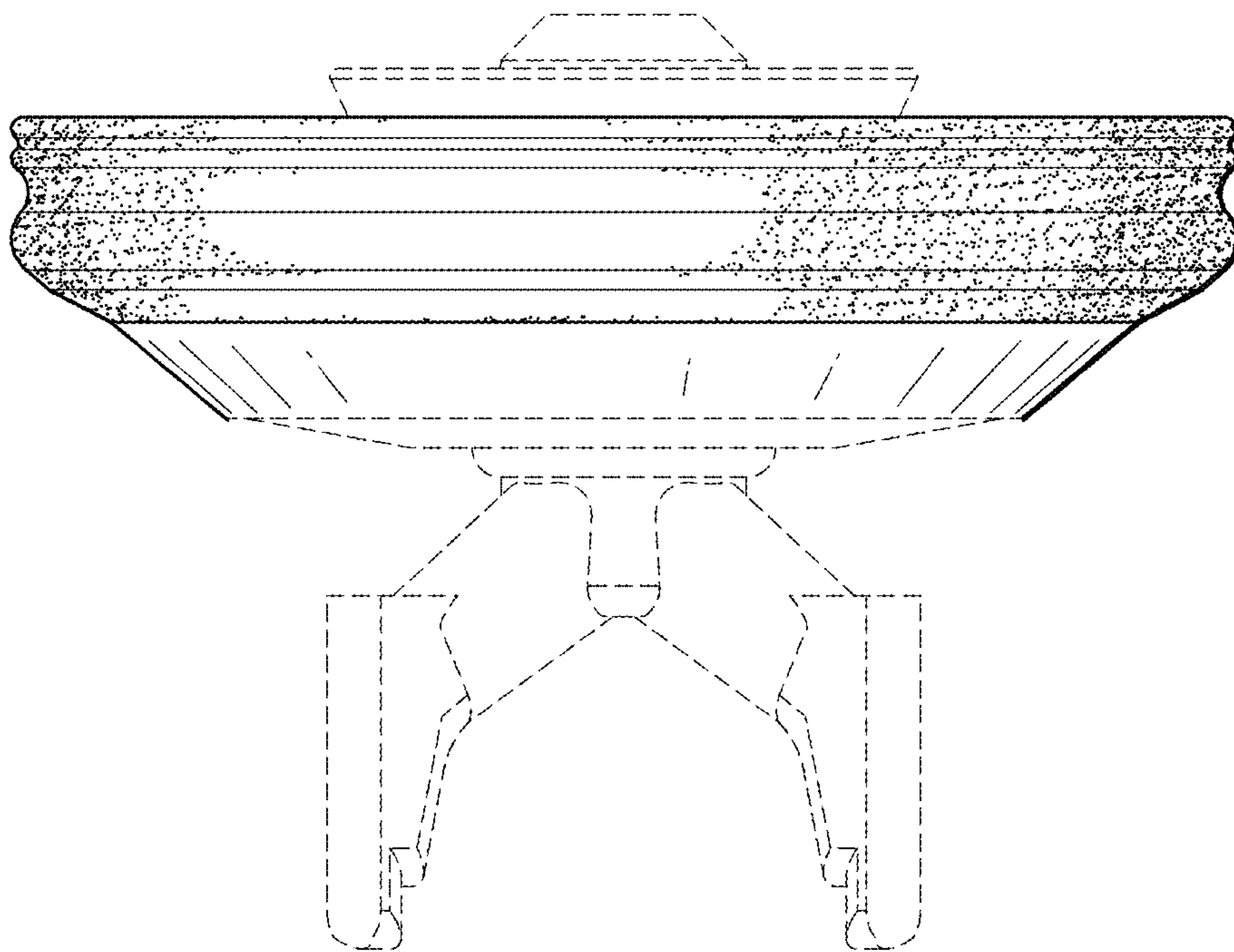


Fig. 18

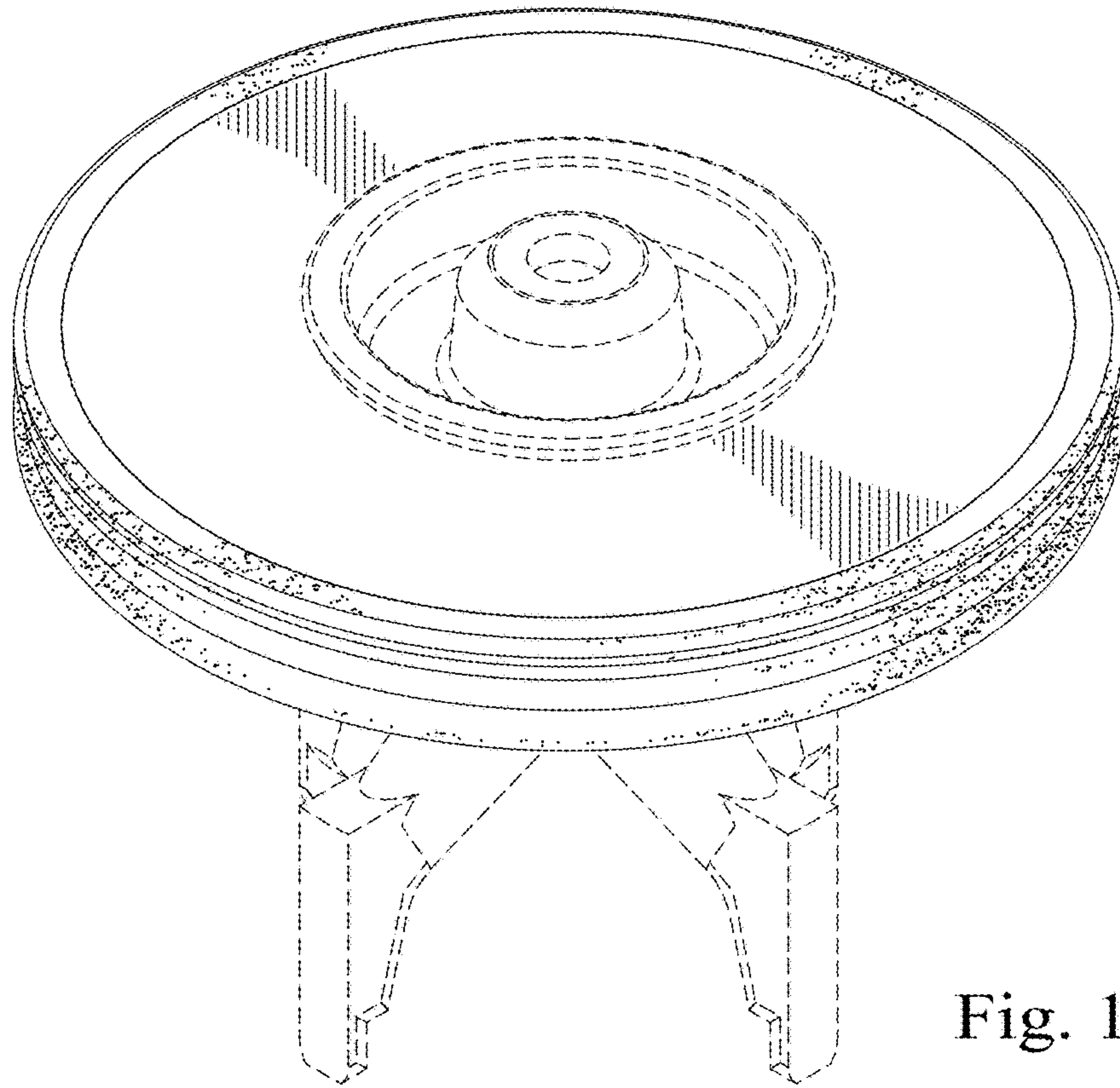


Fig. 19

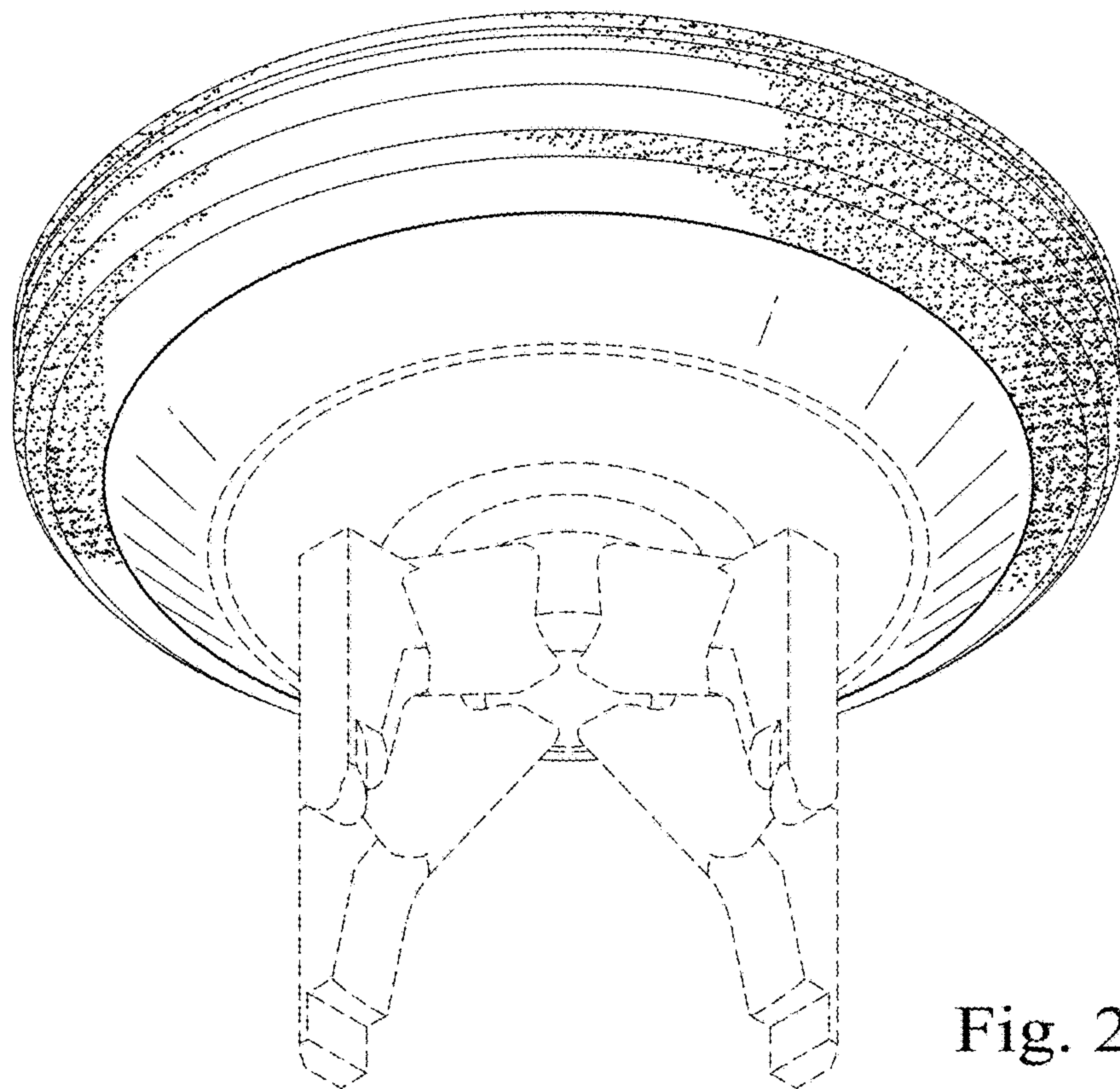


Fig. 20

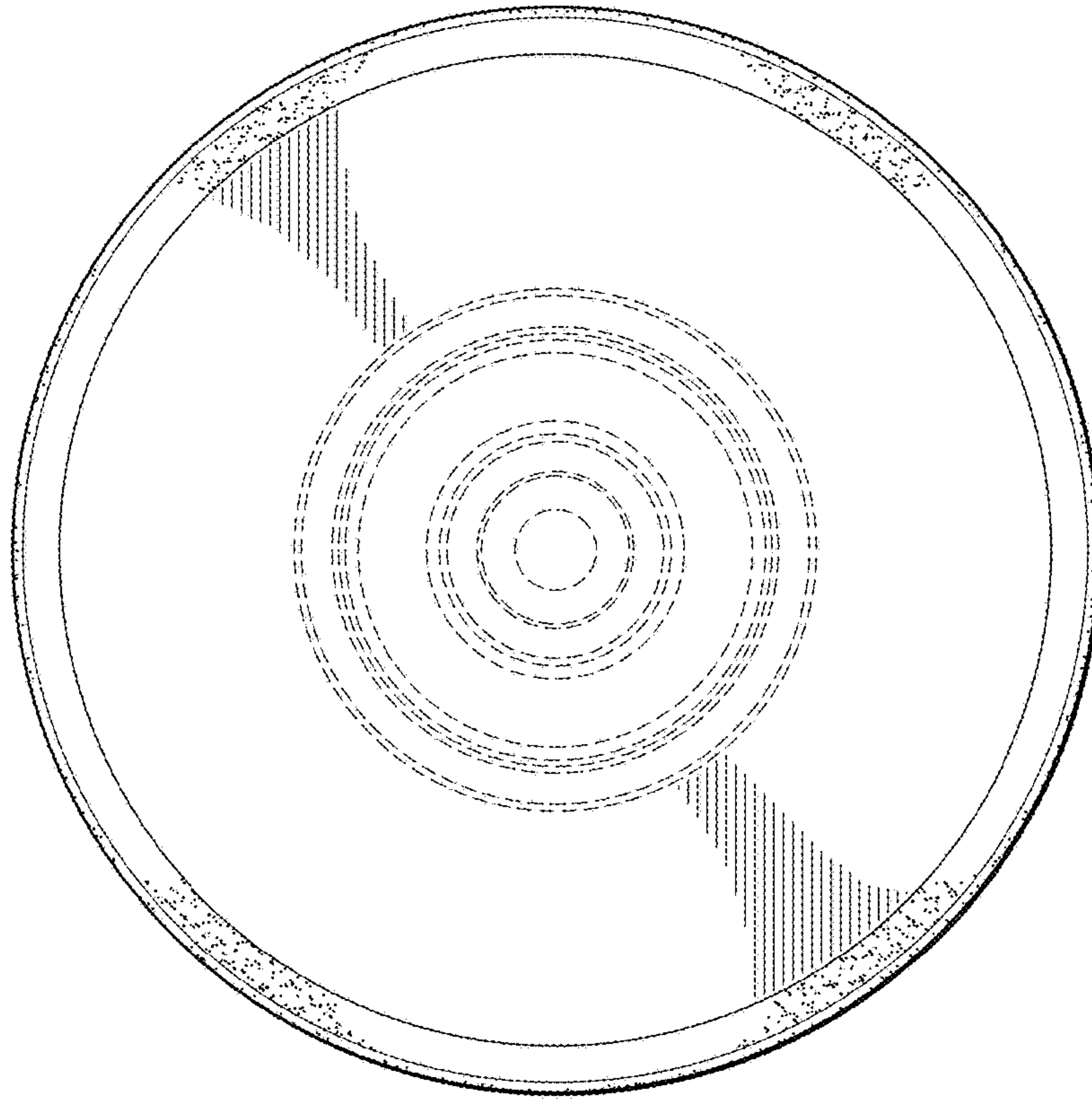


Fig. 21

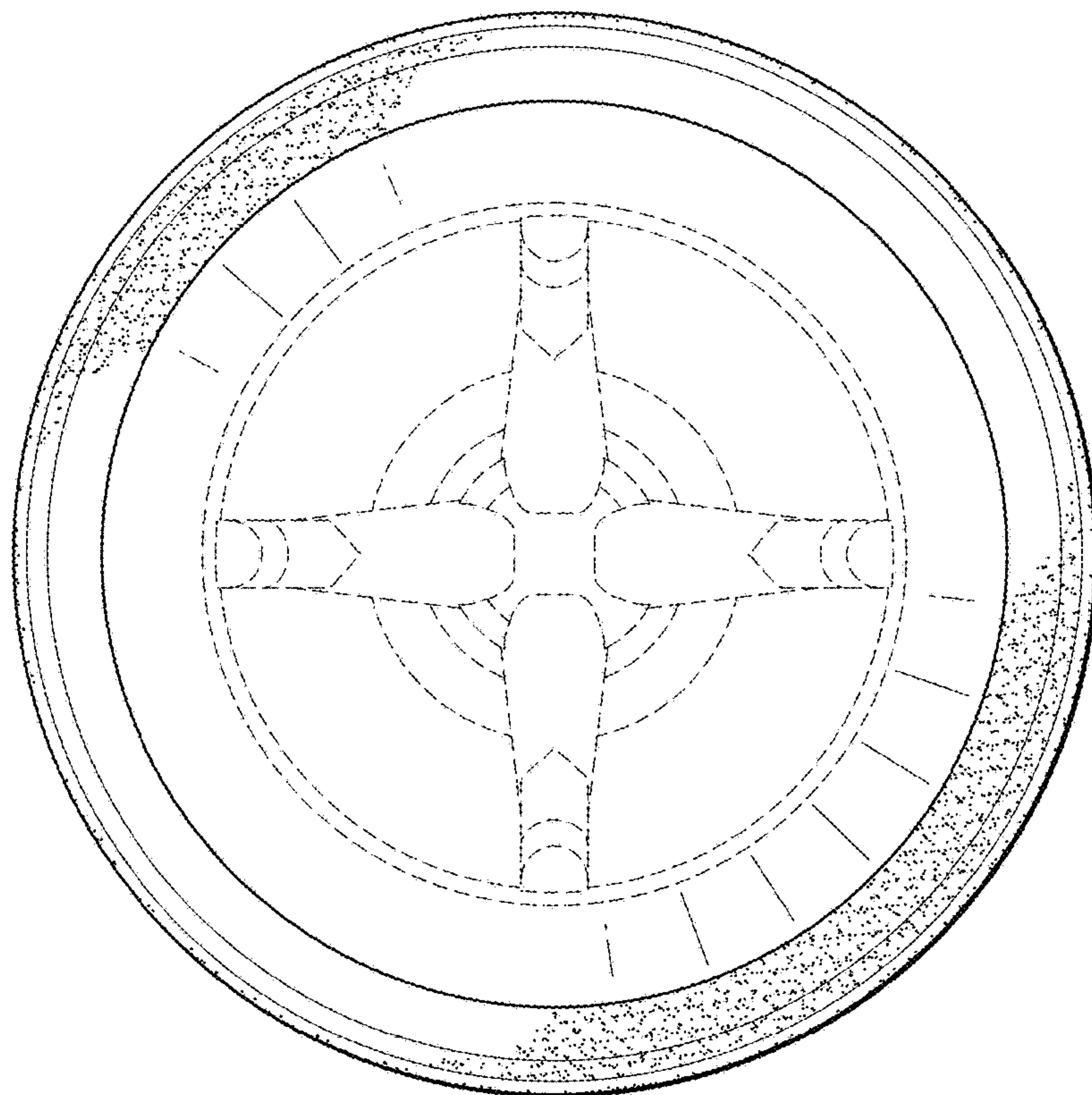


Fig. 22

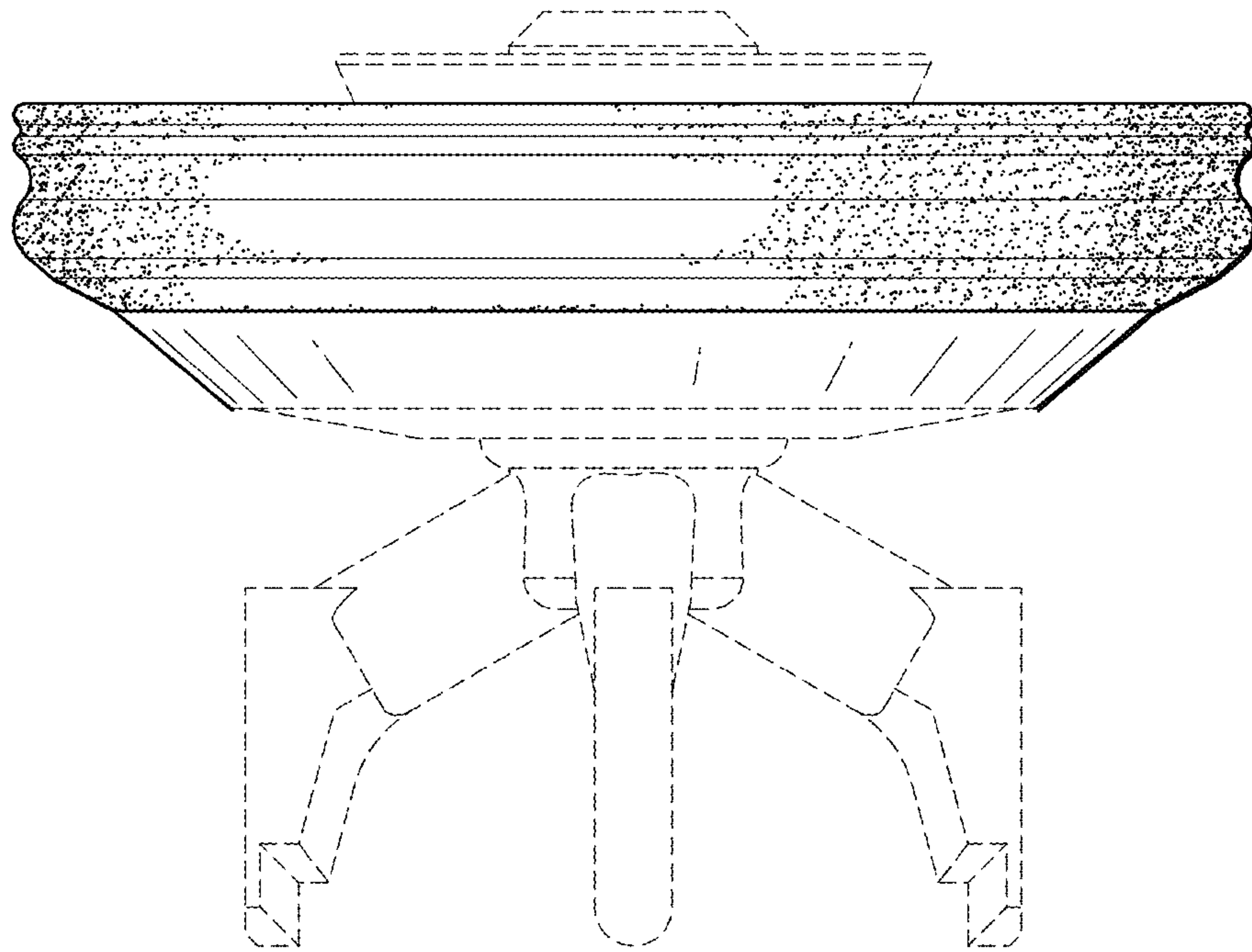


Fig. 23

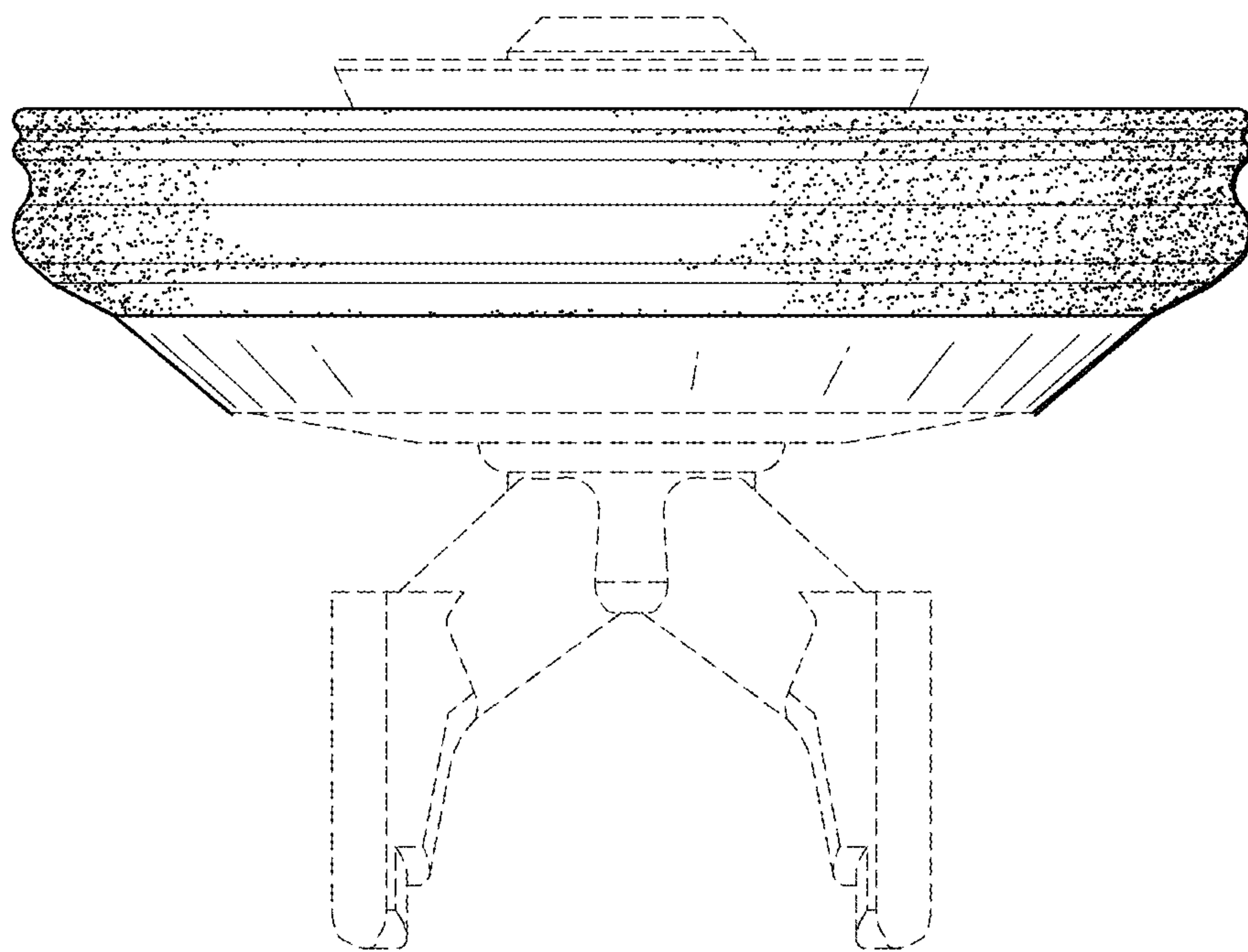


Fig. 24