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(12) **United States Design Patent**
Sawchuk et al.

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(54) **FLOW CONDITIONER**
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7,845,688 B2 12/2010 Gallagher et al.
8,132,961 B1 3/2012 England et al.
D674,878 S * 1/2013 Jones et al. D23/213
D682,987 S * 5/2013 Blum D23/213
2005/0178455 A1 8/2005 Cancade et al.
2008/0246277 A1 10/2008 Gallagher et al.

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FOREIGN PATENT DOCUMENTS

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CA 2171828 3/1995
CA 2228928 8/1995
CA 2787659 7/2011
GB 1469648 A 4/1977

(**) Term: **14 Years**

* cited by examiner

(21) Appl. No.: **29/452,049**

Primary Examiner — Robin V Webster

(22) Filed: **Apr. 11, 2013**

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(51) **LOC (10) Cl.** **23-01**

(57) **CLAIM**

(52) **U.S. Cl.**
USPC **D23/213; D23/249**

The ornamental design for a flow conditioner, as shown and described.

(58) **Field of Classification Search**
USPC D23/213, 249; 239/428.5, 437;
261/DIG. 22; 138/39

DESCRIPTION

See application file for complete search history.

FIG. 1 illustrates a rear perspective view of a flow conditioner having 1) a flange on a first side; 2) an outer ring of holes on the first side, said outer holes extending to a second side; 3) an inner ring of holes on the first side recessed from the outer ring of holes, said inner holes extending to the second side; and 4) a central hole recessed on the first side within the inner ring of holes and opening on the second side.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D198,356 S * 6/1964 Wahlin D23/213
D200,088 S * 1/1965 Earnshaw D23/213
3,232,550 A 2/1966 Cuva
3,323,550 A * 6/1967 Lee, II 138/39
5,341,848 A 8/1994 Laws
5,495,872 A 3/1996 Gallagher et al.
5,606,297 A 2/1997 Phillips
5,762,107 A 6/1998 Laws
5,959,216 A 9/1999 Hocquet et al.
7,073,534 B2 7/2006 Sawchuk et al.
7,089,963 B2 * 8/2006 Meheen 138/44
D577,100 S * 9/2008 Brown et al. D23/213
D577,101 S * 9/2008 Kong et al. D23/213

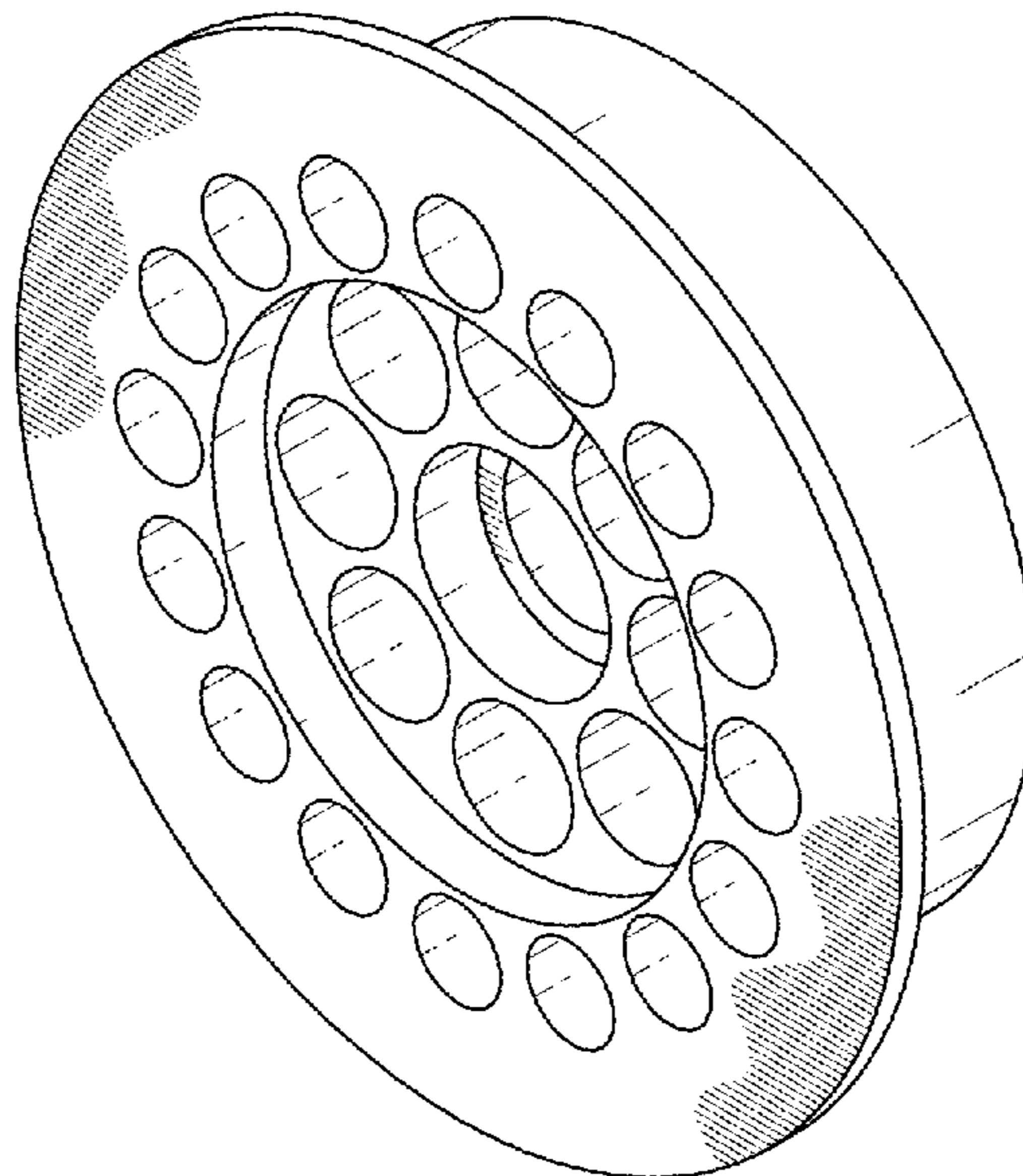
FIG. 2 illustrates a front perspective view of a flow conditioner of FIG. 1.

FIG. 3 illustrates a front view of the flow conditioner of FIG. 1.

FIG. 4 illustrates a rear view of the flow conditioner of FIG. 1; and,

FIG. 5 illustrates a side view of the flow conditioner of FIG. 1.

1 Claim, 2 Drawing Sheets



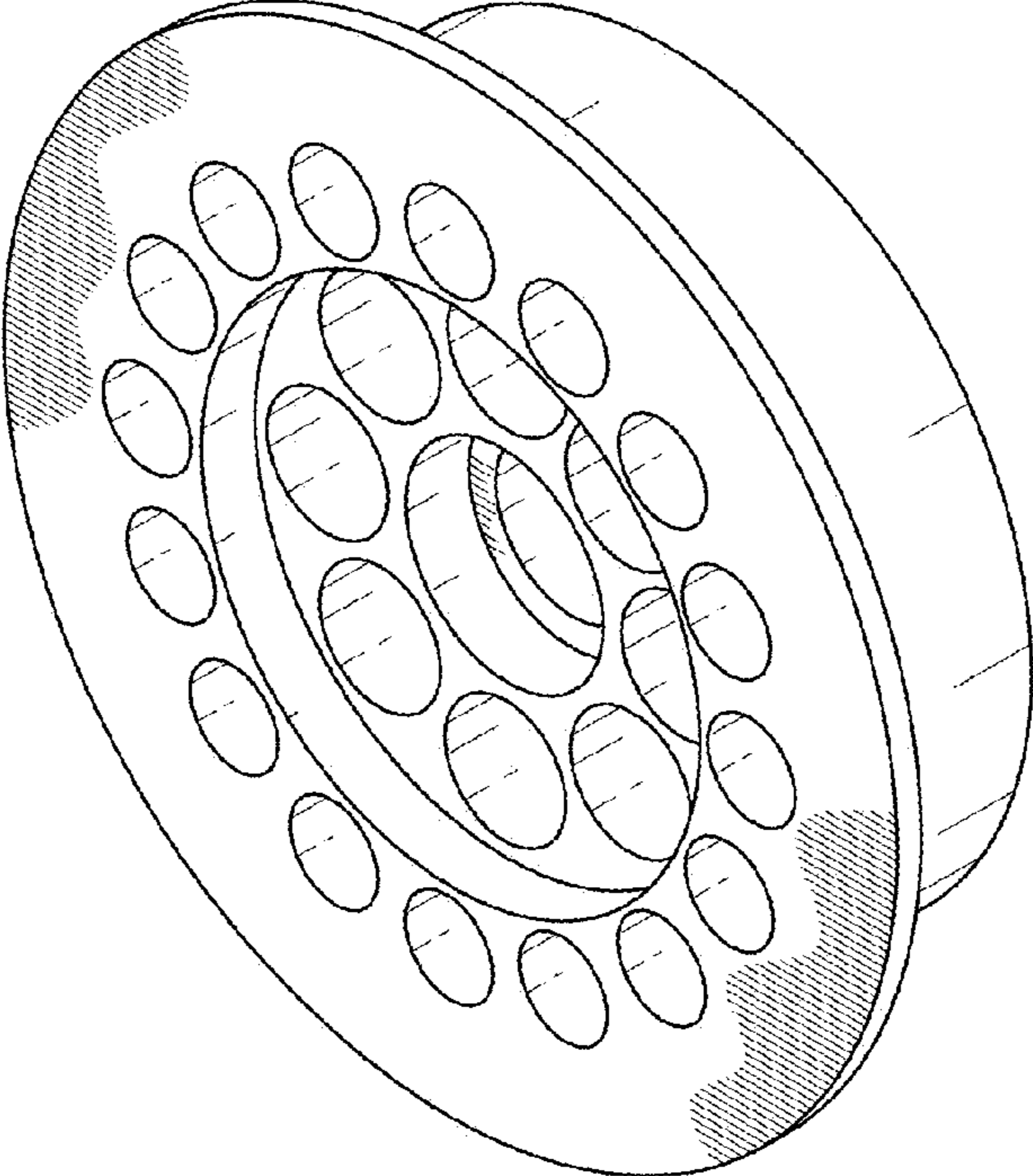


FIG. 1

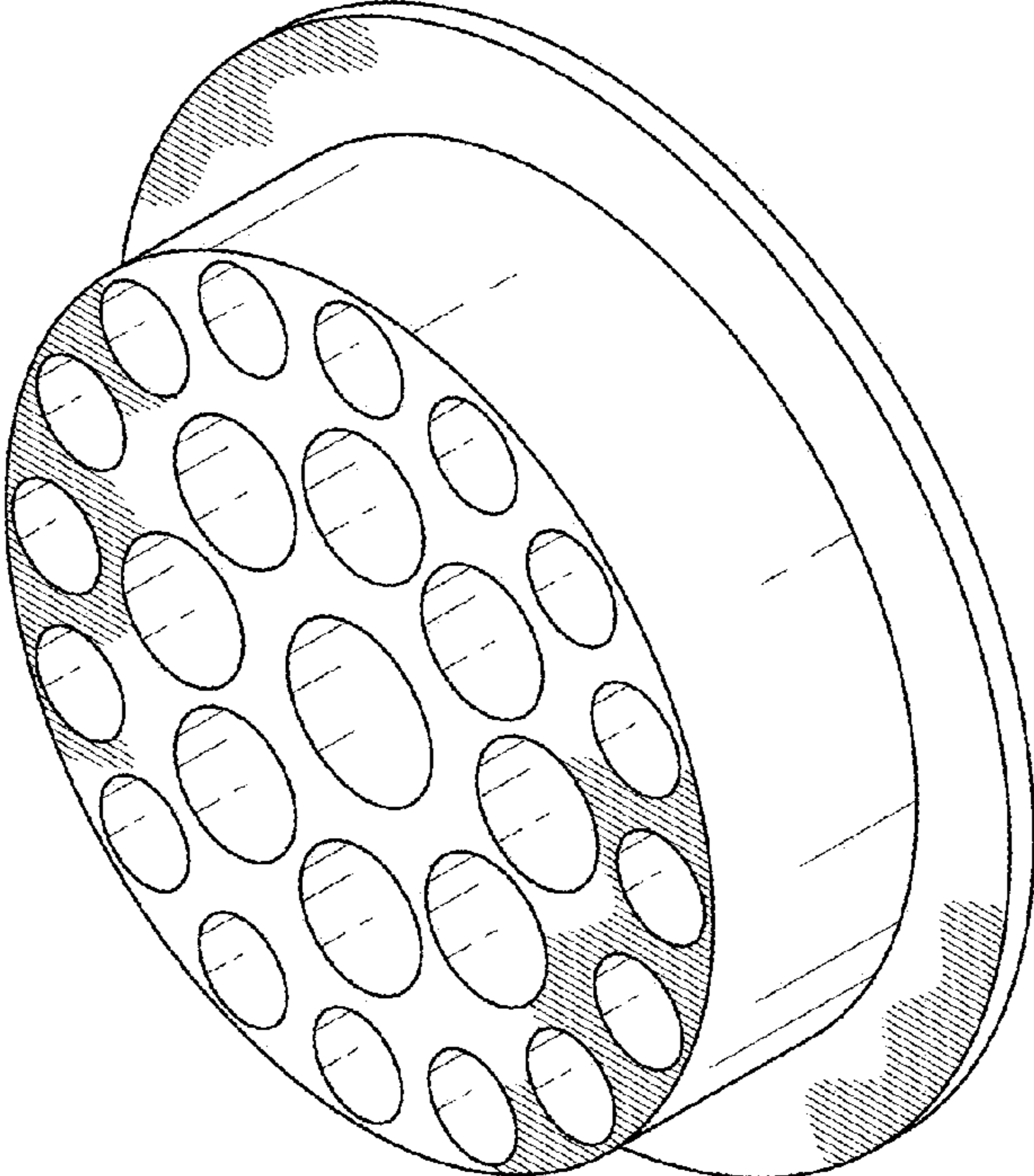


FIG. 2

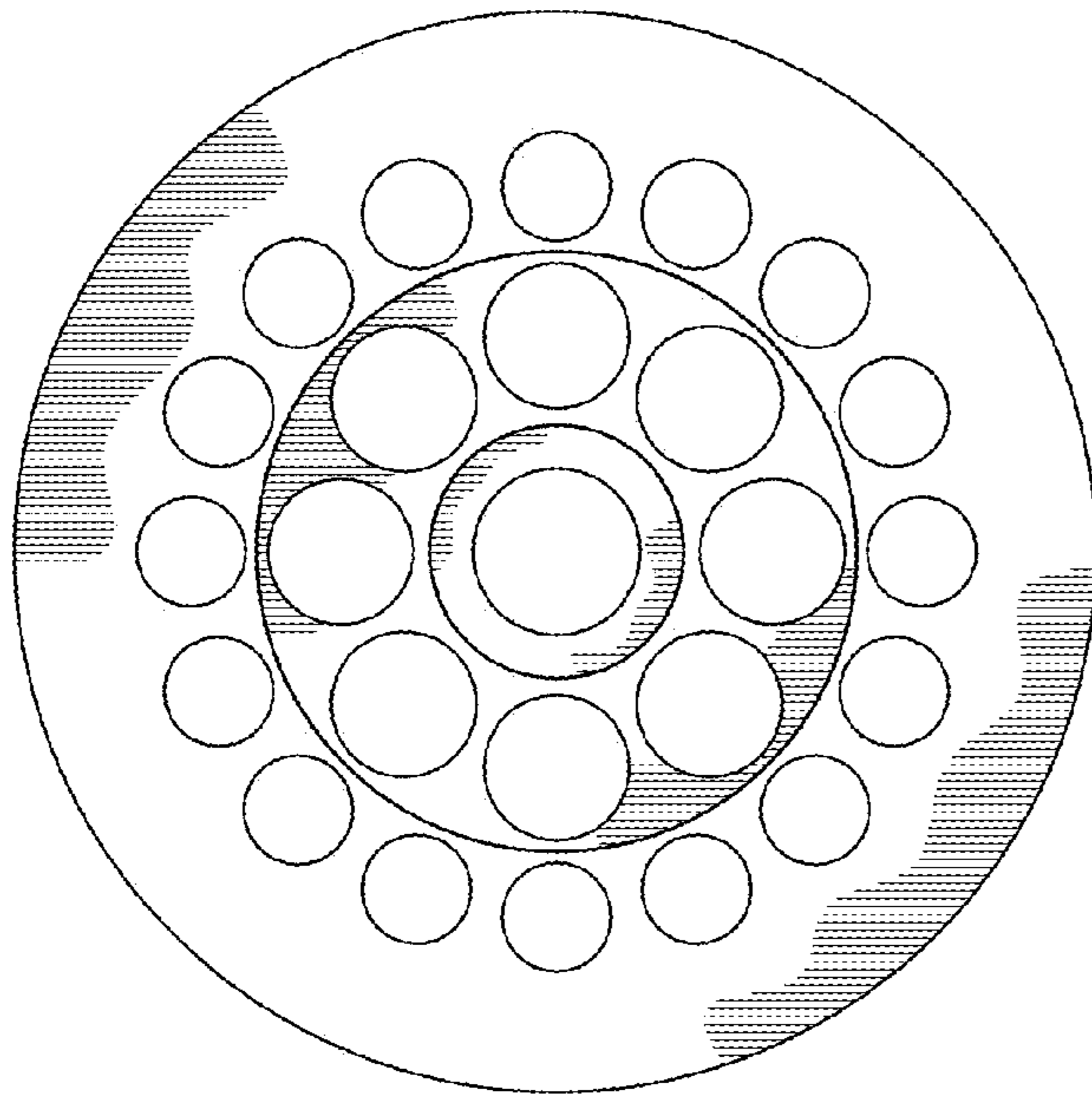


FIG. 3

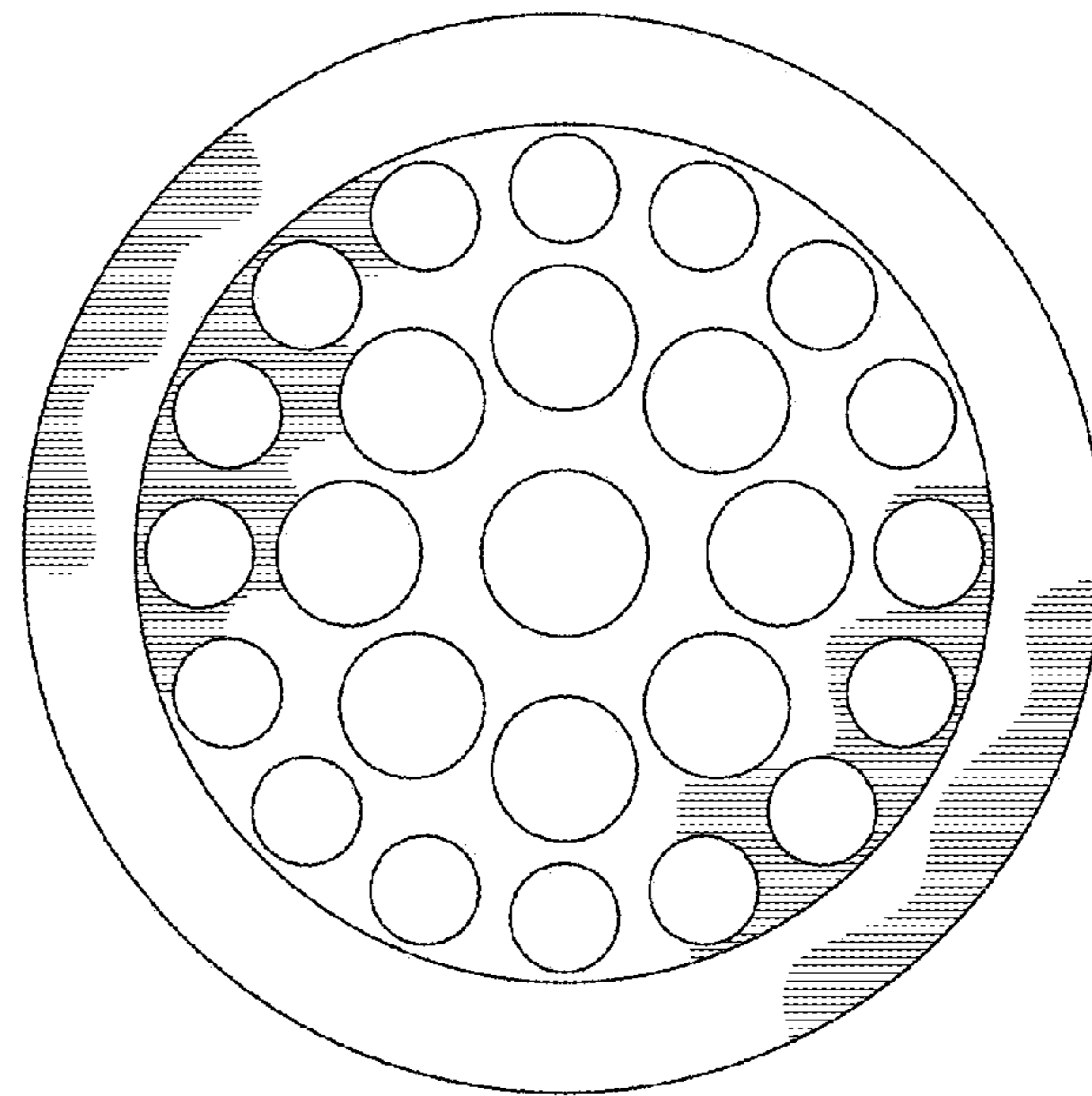


FIG. 4

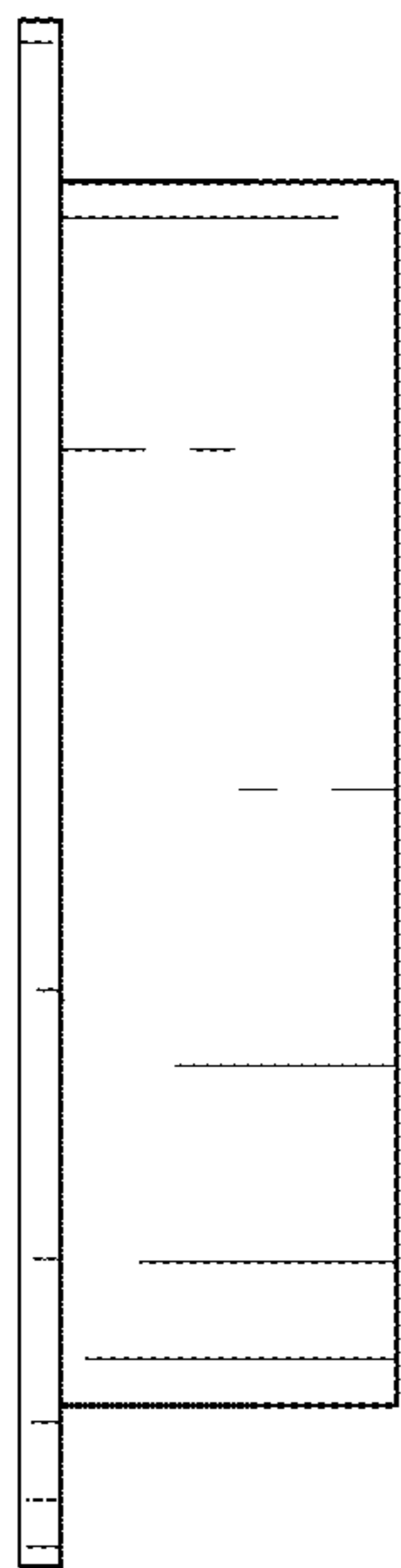


FIG. 5