



US00D701939S

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

(10) **Patent No.:** **US D701,939 S**
(45) **Date of Patent:** **** Apr. 1, 2014**

(54) **FLOW CONDITIONER**

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

(21) Appl. No.: **29/441,979**

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

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

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

(58) **Field of Classification Search**
USPC D23/213, 249; 239/428.5, 437;
261/DIG. 22; 138/39
See application file for complete search history.

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 illustrates a front perspective view of a flow conditioner having an extended bore length at least partially around an outer ring of holes or apertures.

FIG. 2 illustrates a rear 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.

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

FIG. 6 illustrates a rear perspective view of a flow conditioner having integral vanes on a first side of the flow conditioner at least partly following contours of an outer ring of holes or apertures.

FIG. 7 illustrates a front perspective view of a flow conditioner of FIG. 6.

FIG. 8 illustrates a front view of the flow conditioner of FIG. 6.

FIG. 9 illustrates a rear view of the flow conditioner of FIG. 6.

FIG. 10 illustrates a side view of the flow conditioner of FIG. 6.

FIG. 11 illustrates a rear perspective view of a flow conditioner having integral vanes on a first side of a flow conditioner at least partly following contours of an outer ring of holes or apertures and at least partly following contours of an inner ring of holes or apertures according to another embodiment of the present invention.

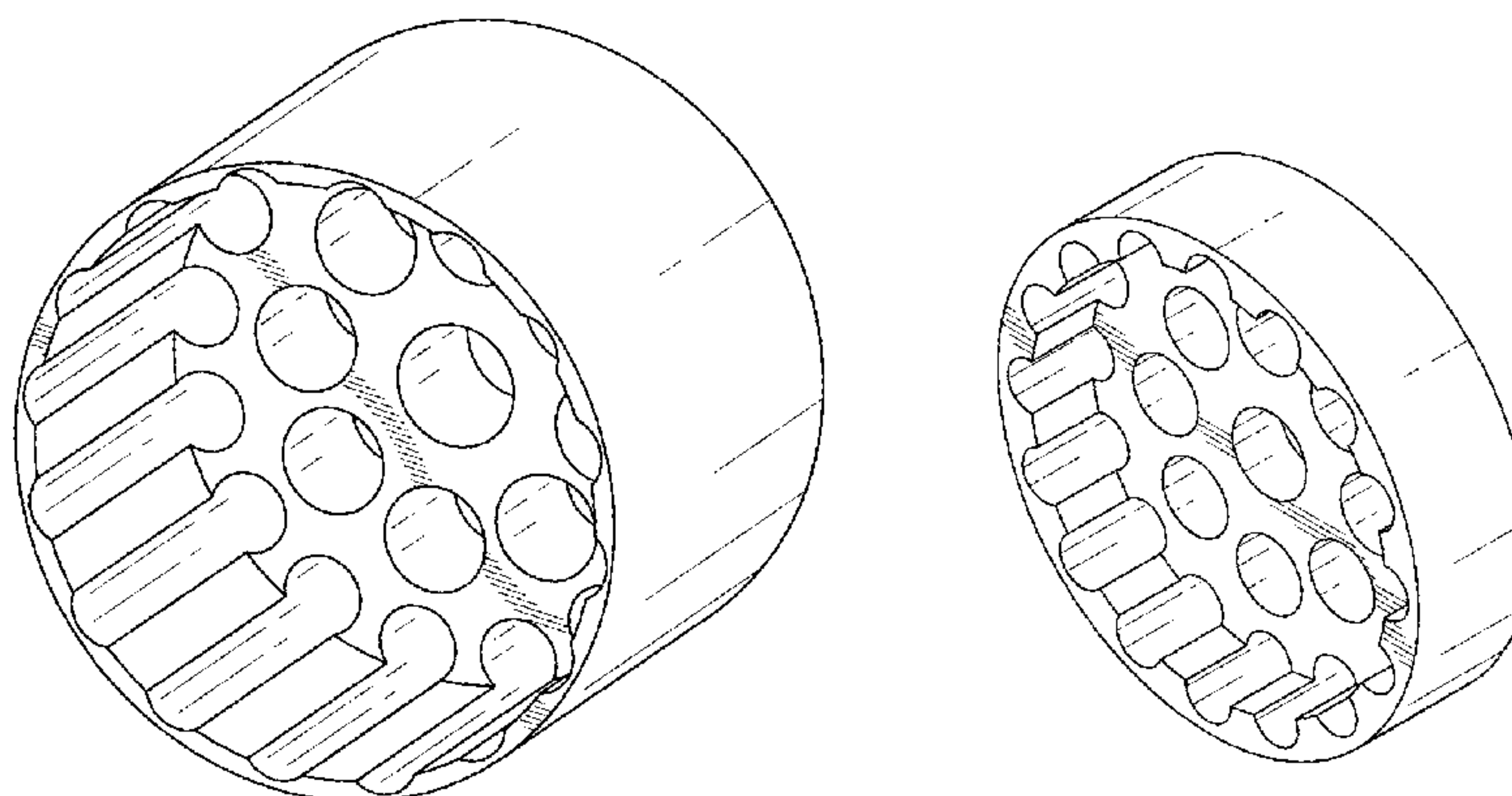
FIG. 12 illustrates a front perspective view of the flow conditioner of FIG. 11.

FIG. 13 illustrates a front view of the flow conditioner of FIG. 11.

FIG. 14 illustrates a rear view of the flow conditioner of FIG. 11; and,

FIG. 15 illustrates a side view of the flow conditioner of FIG. 11.

1 Claim, 6 Drawing Sheets



(56)

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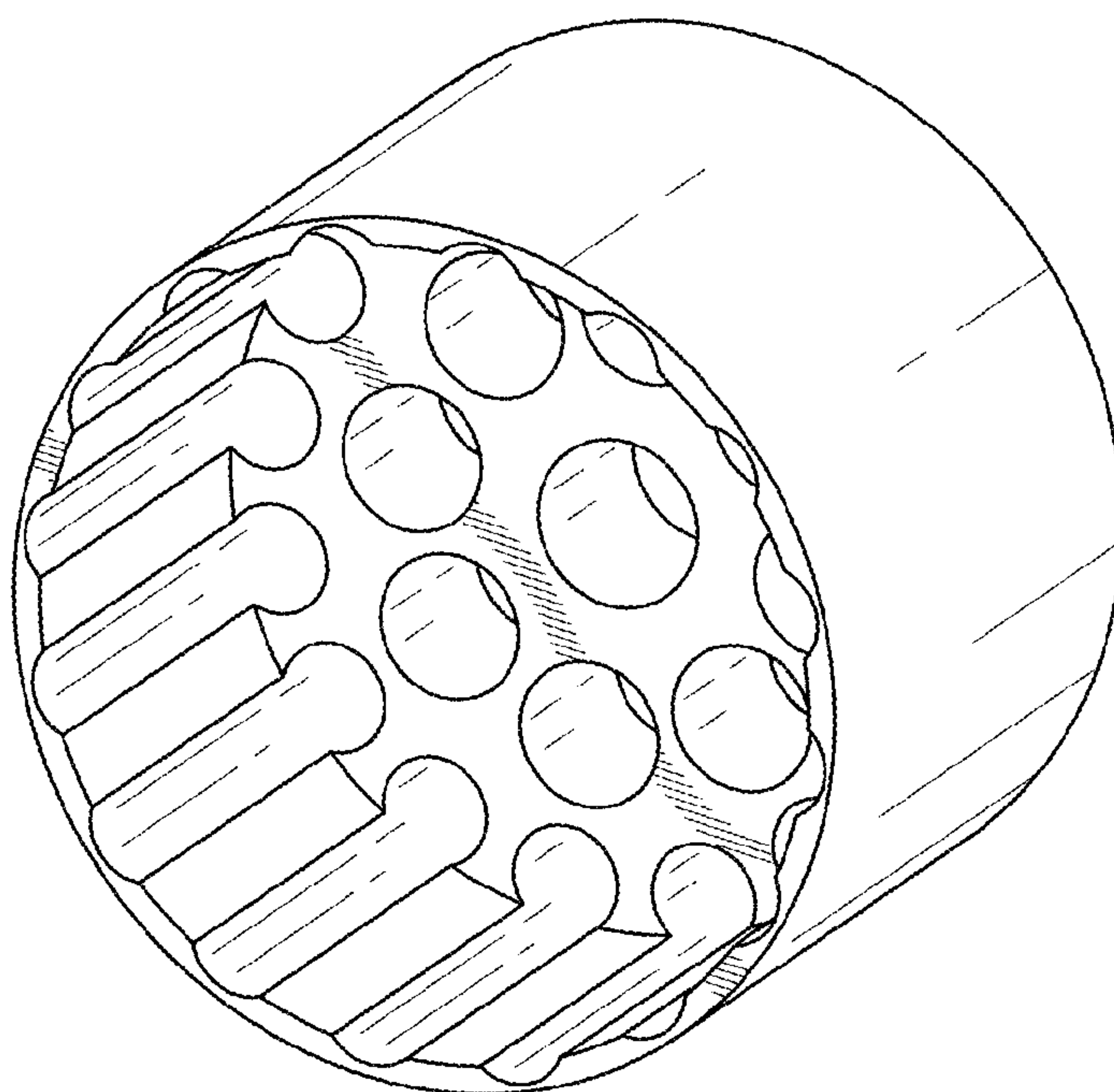


FIG. 1

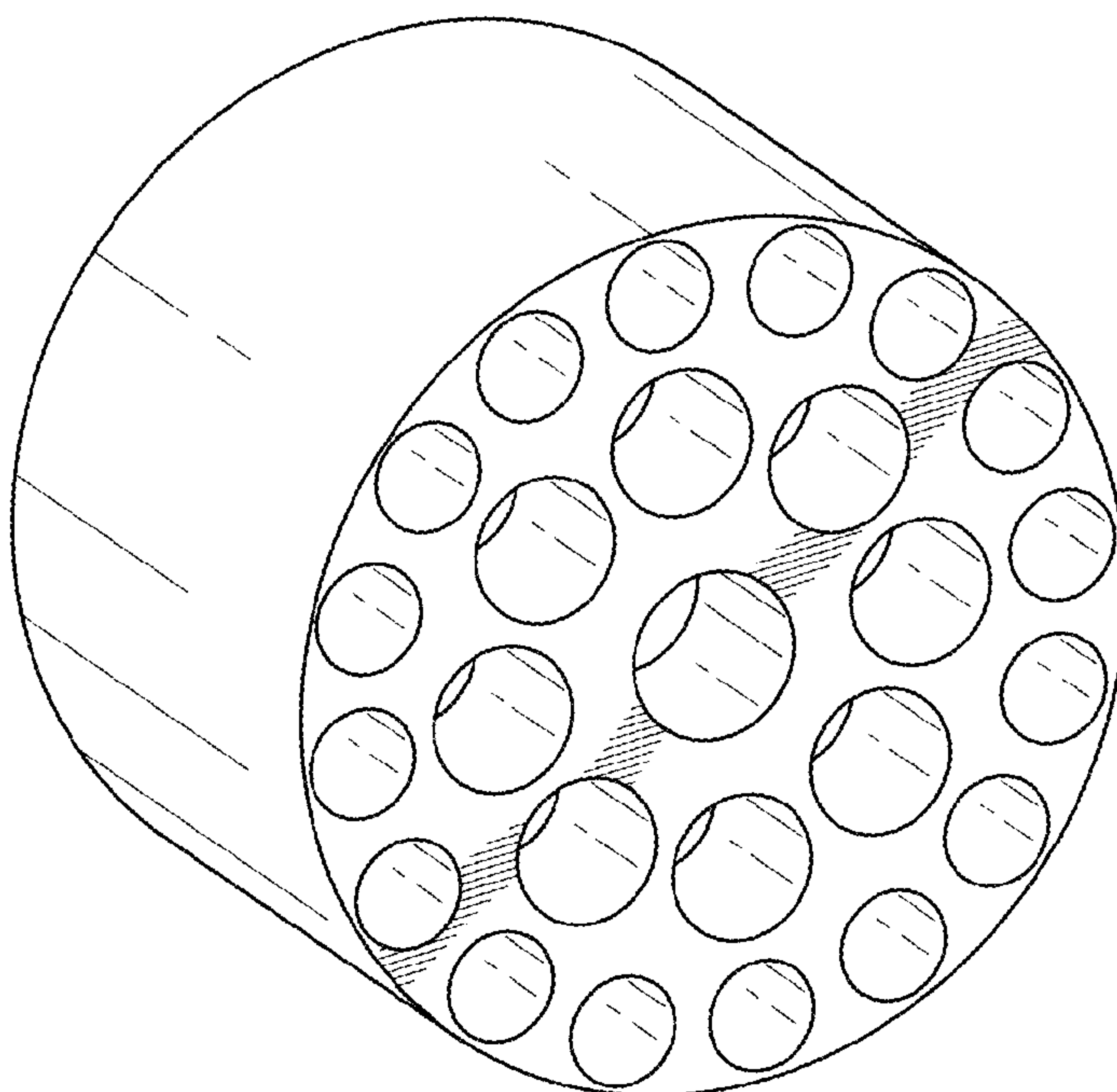


FIG. 2

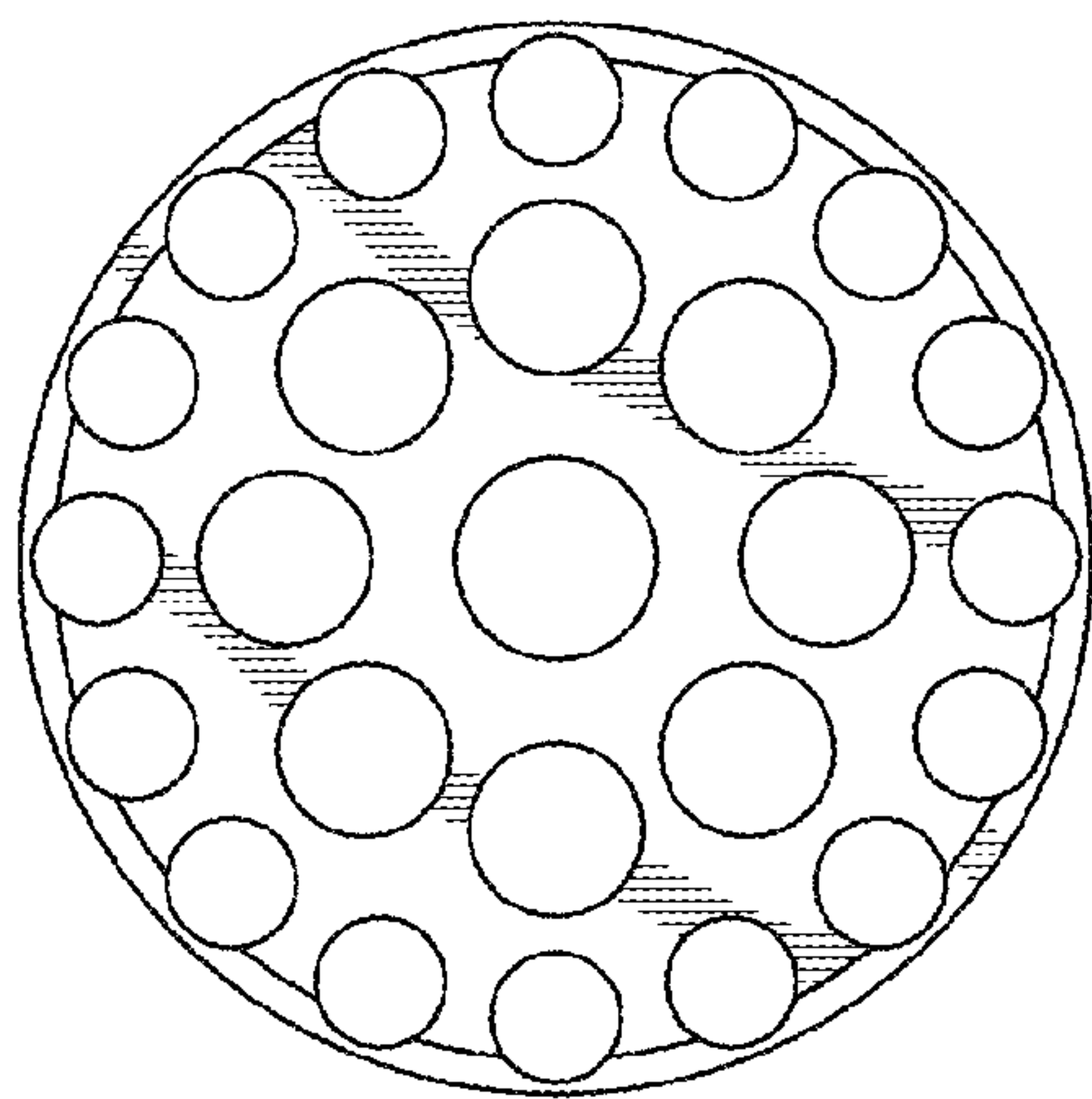


FIG. 3

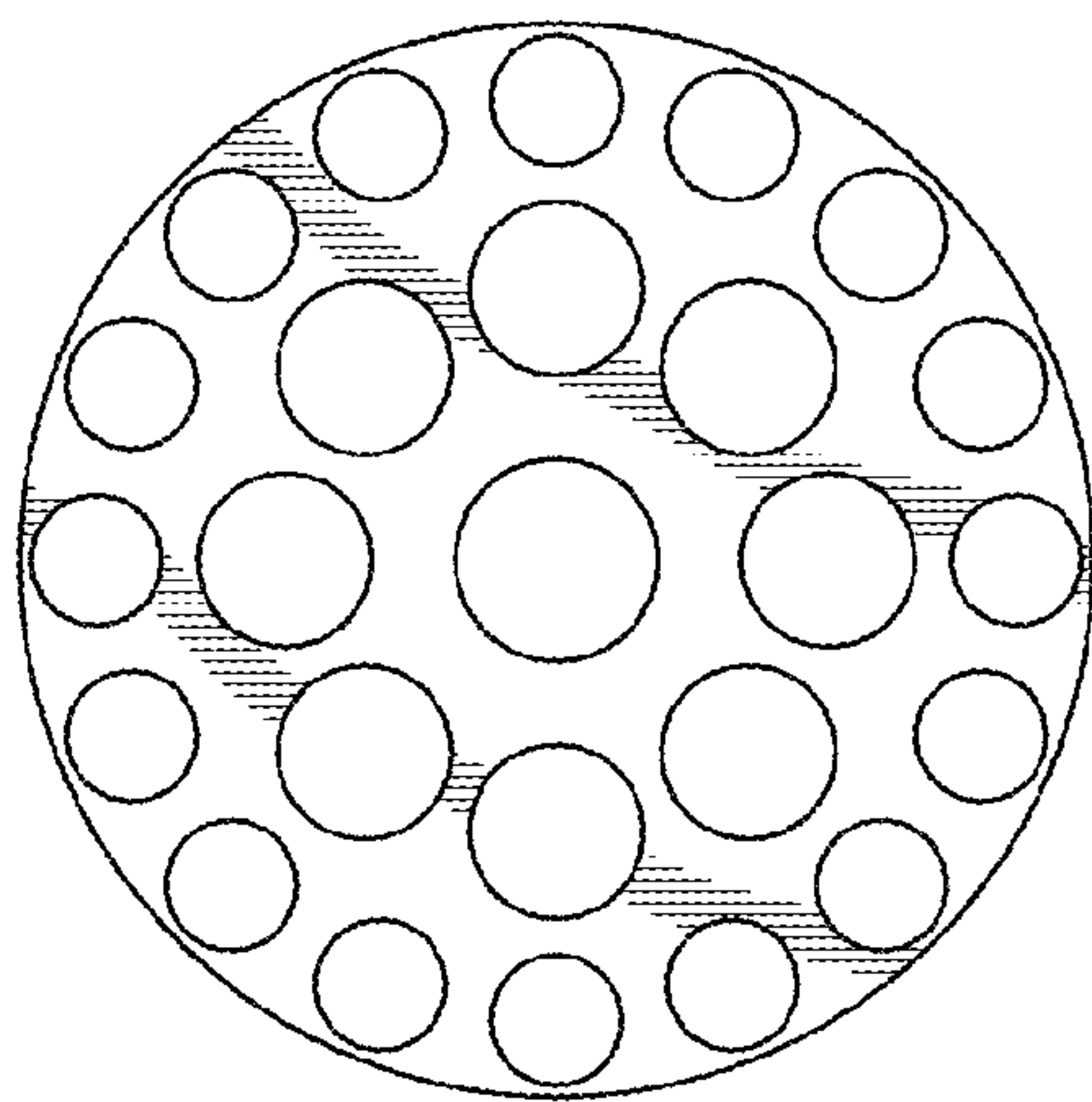


FIG. 4

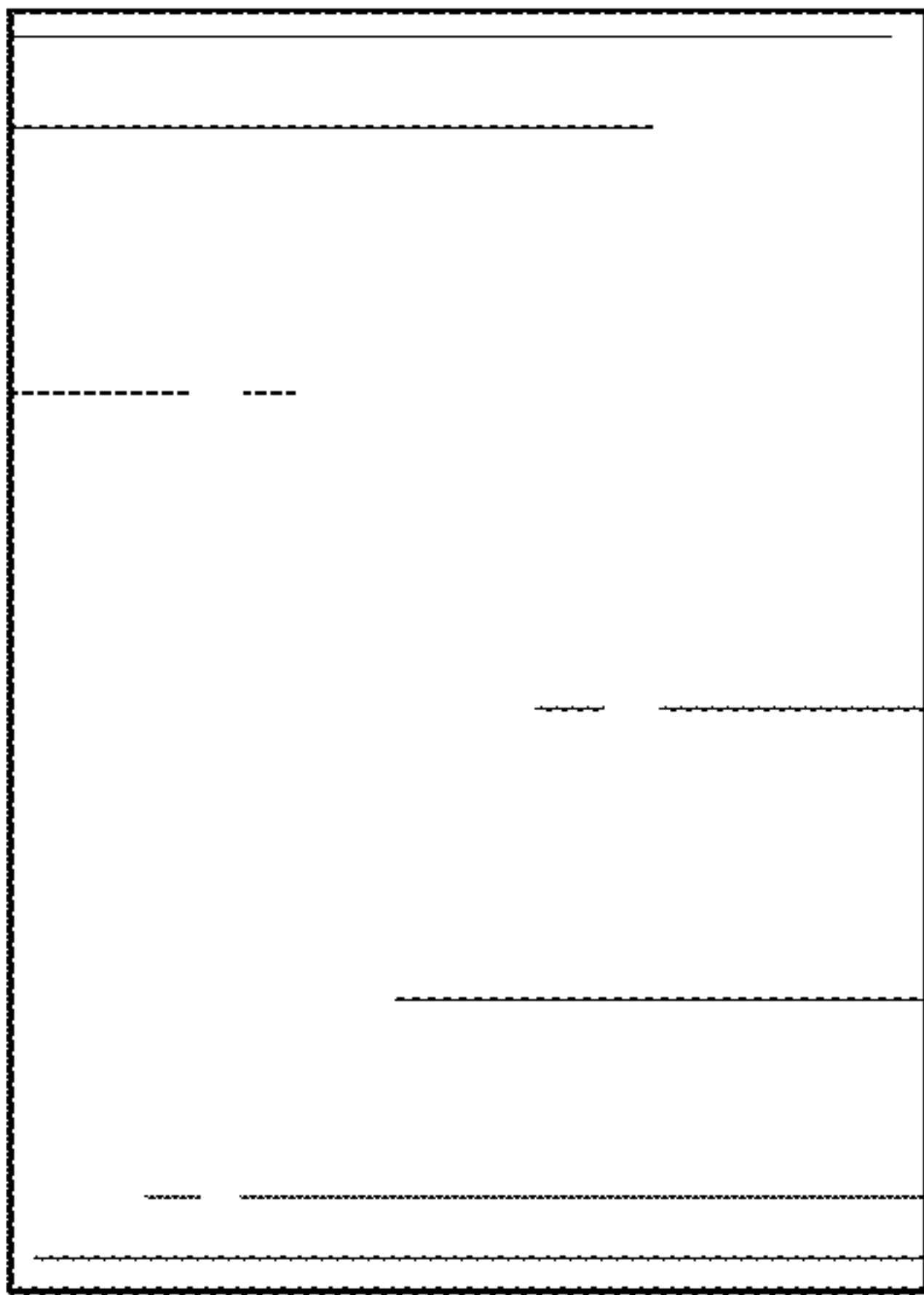


FIG. 5

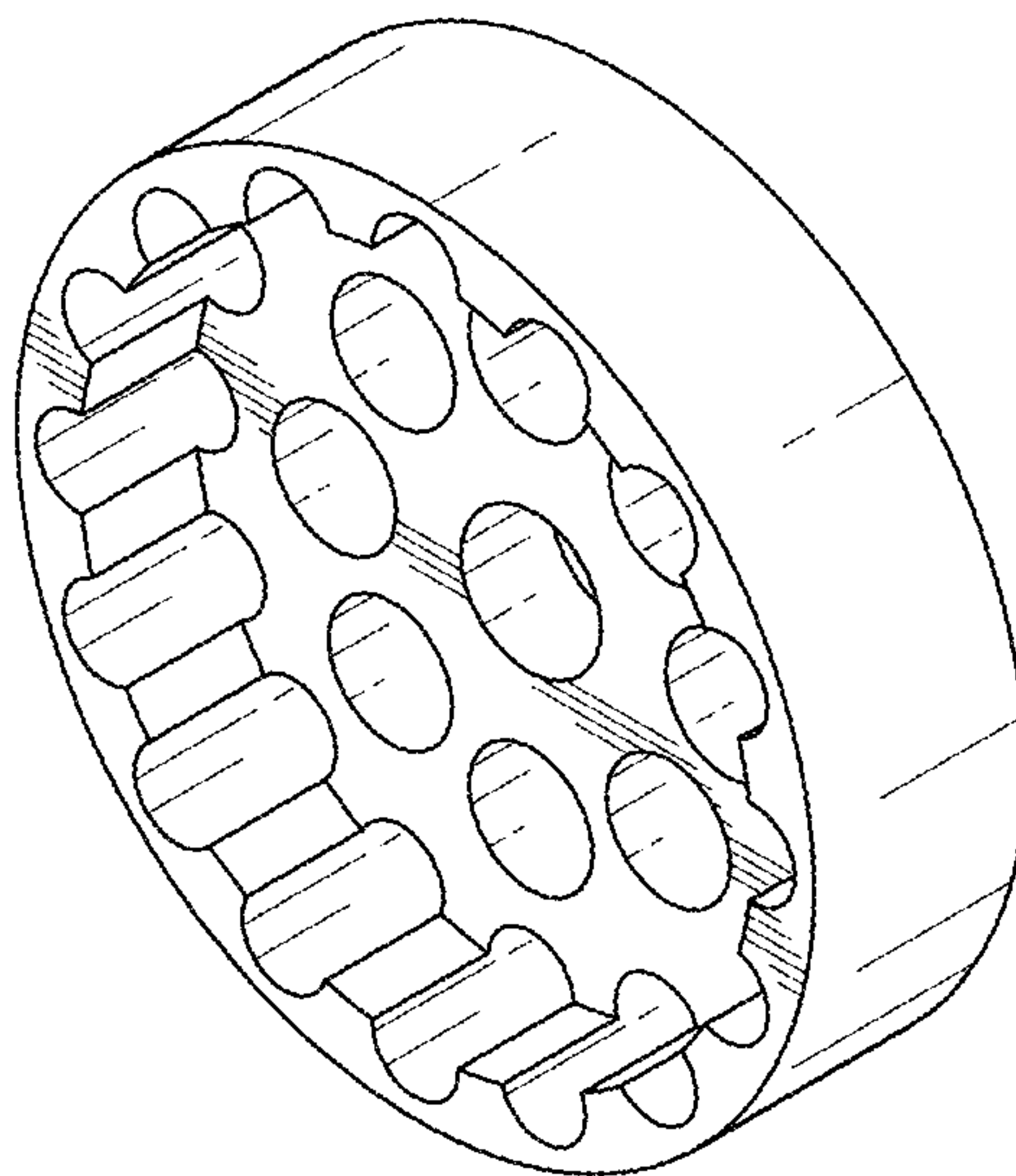


FIG. 6

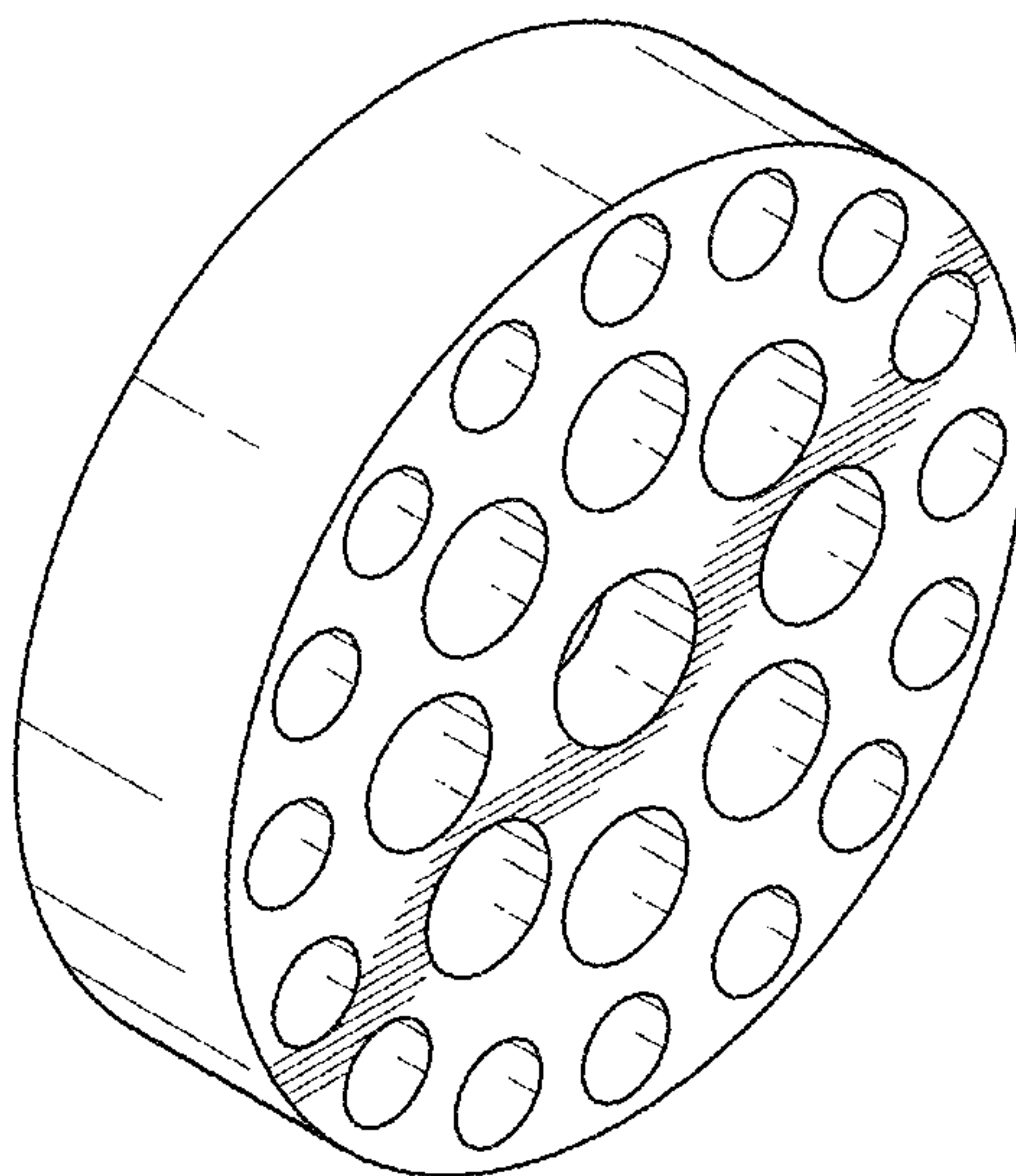


FIG. 7

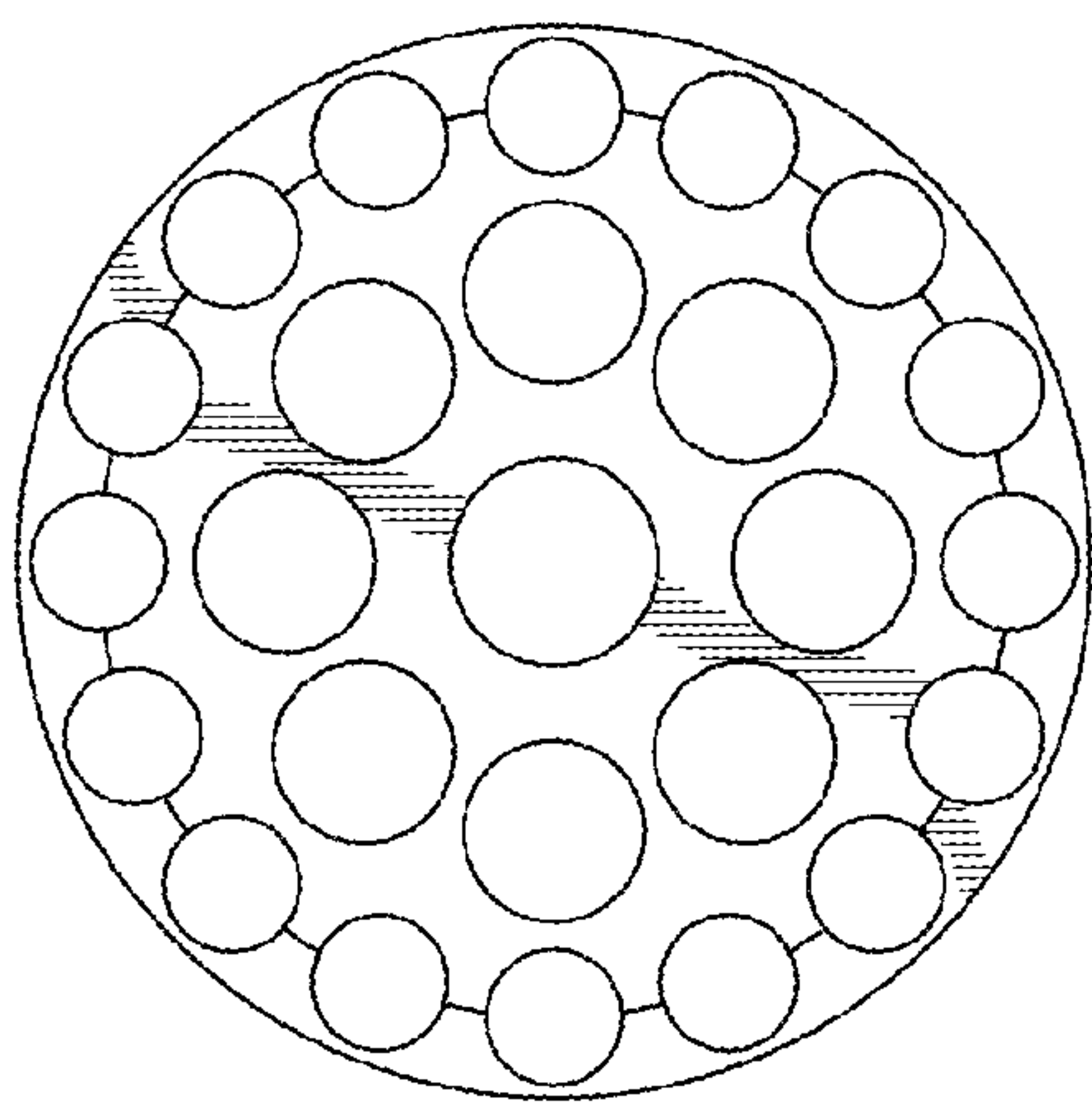


FIG. 8

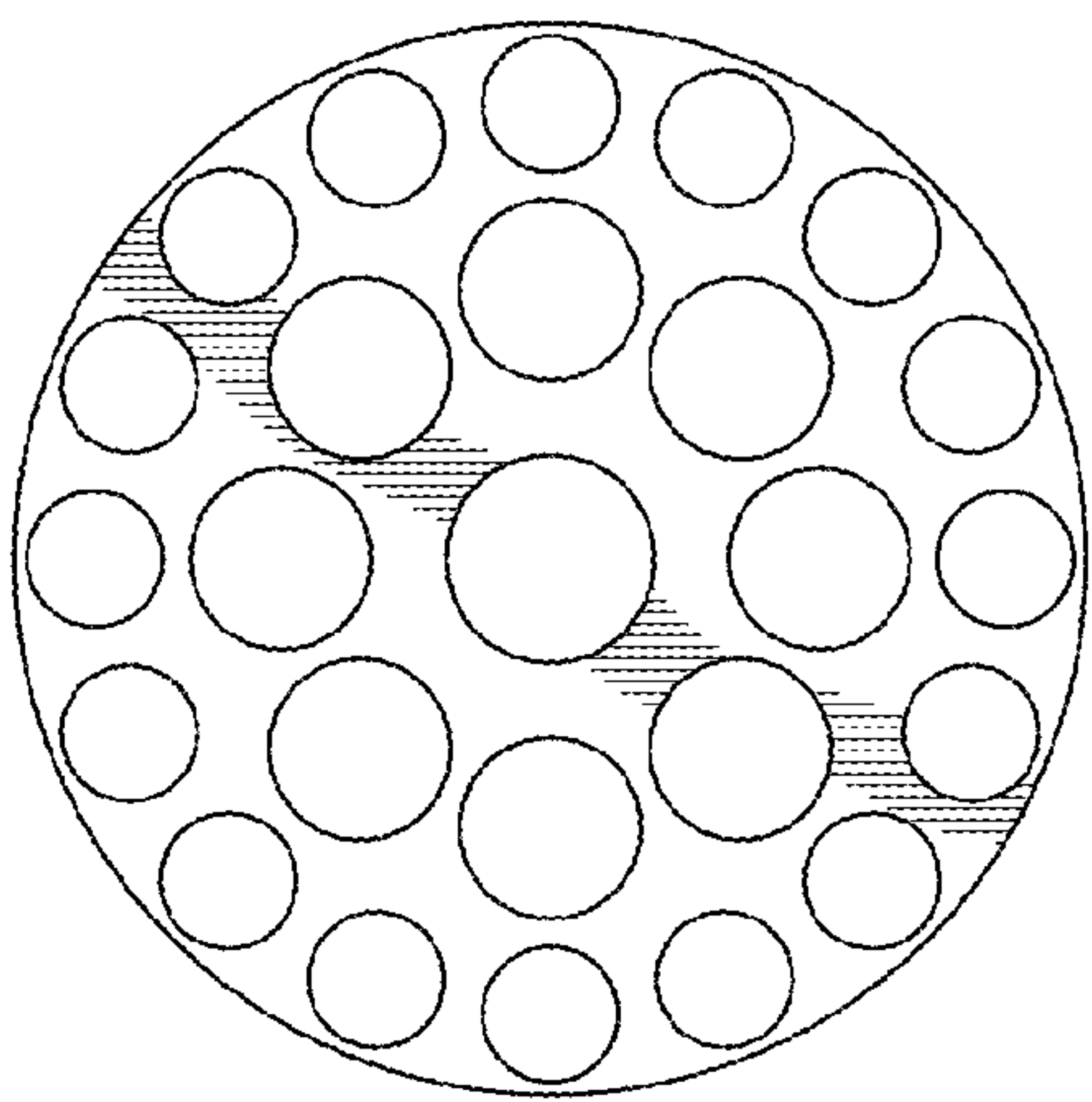


FIG. 9

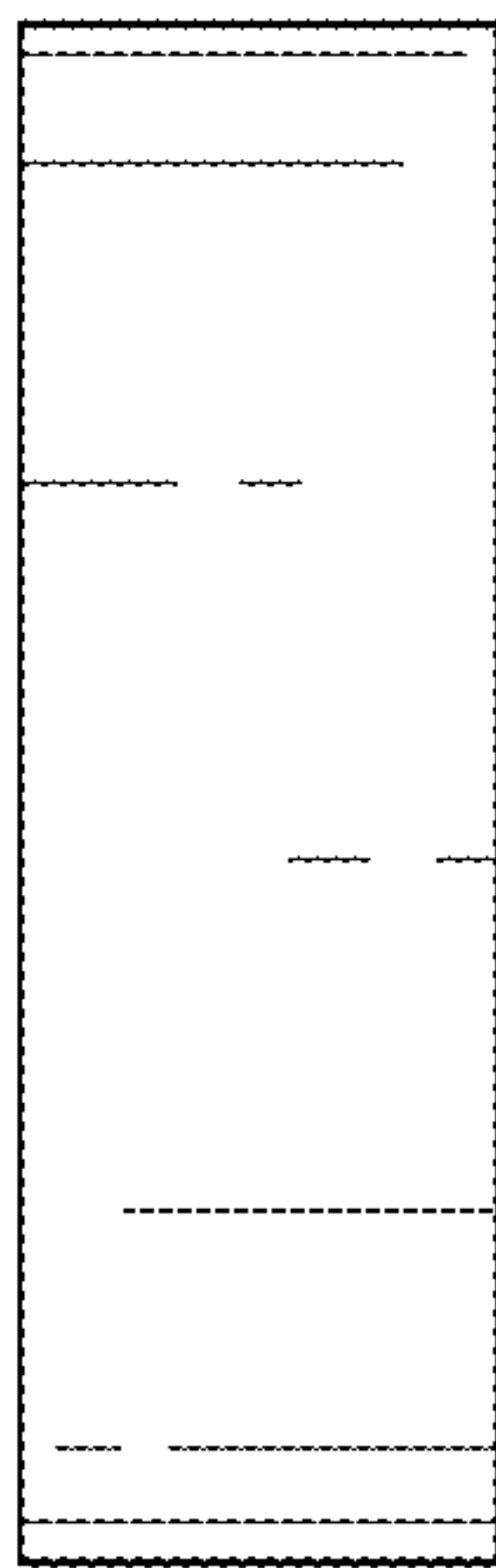


FIG. 10

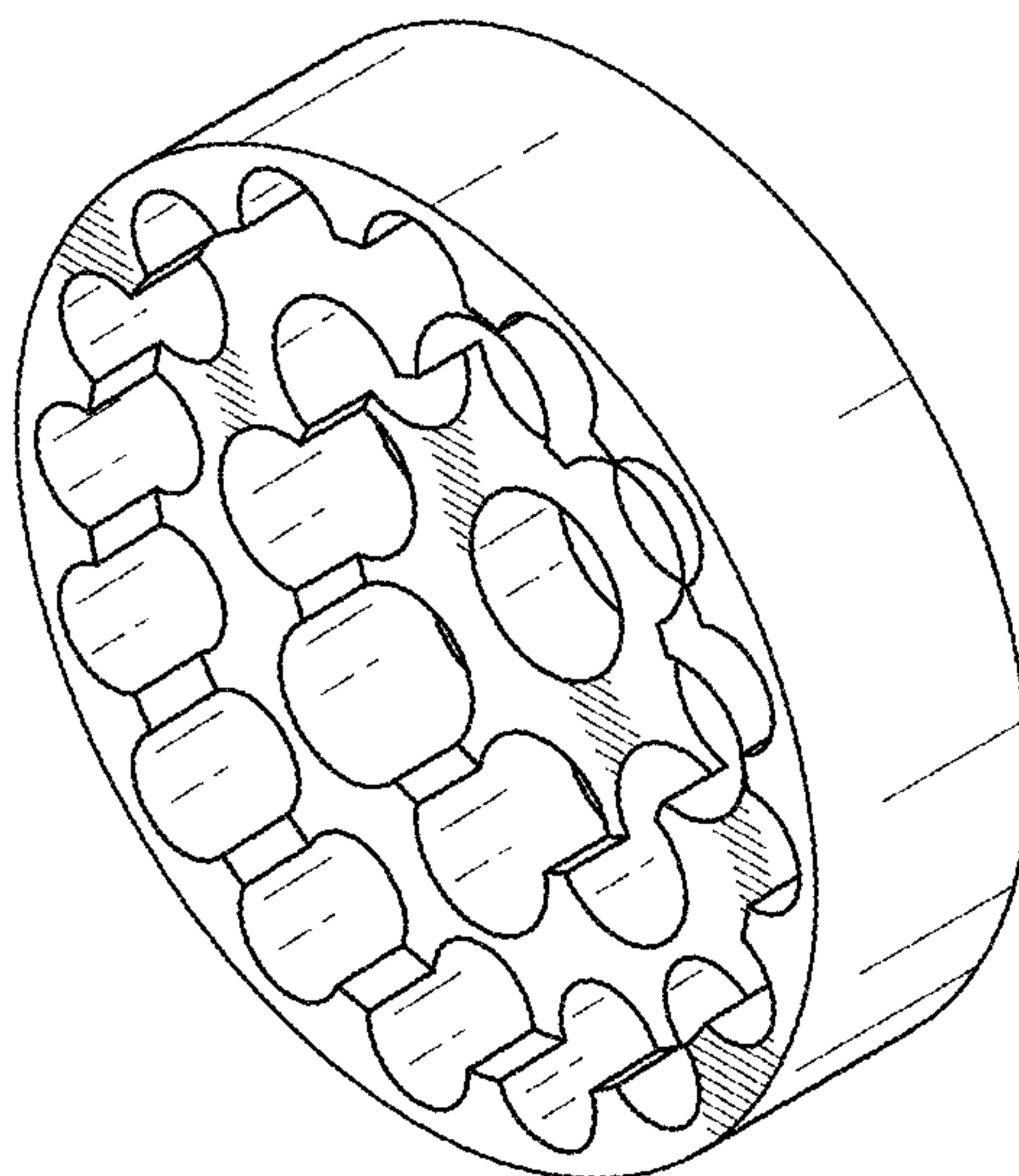


FIG. 11

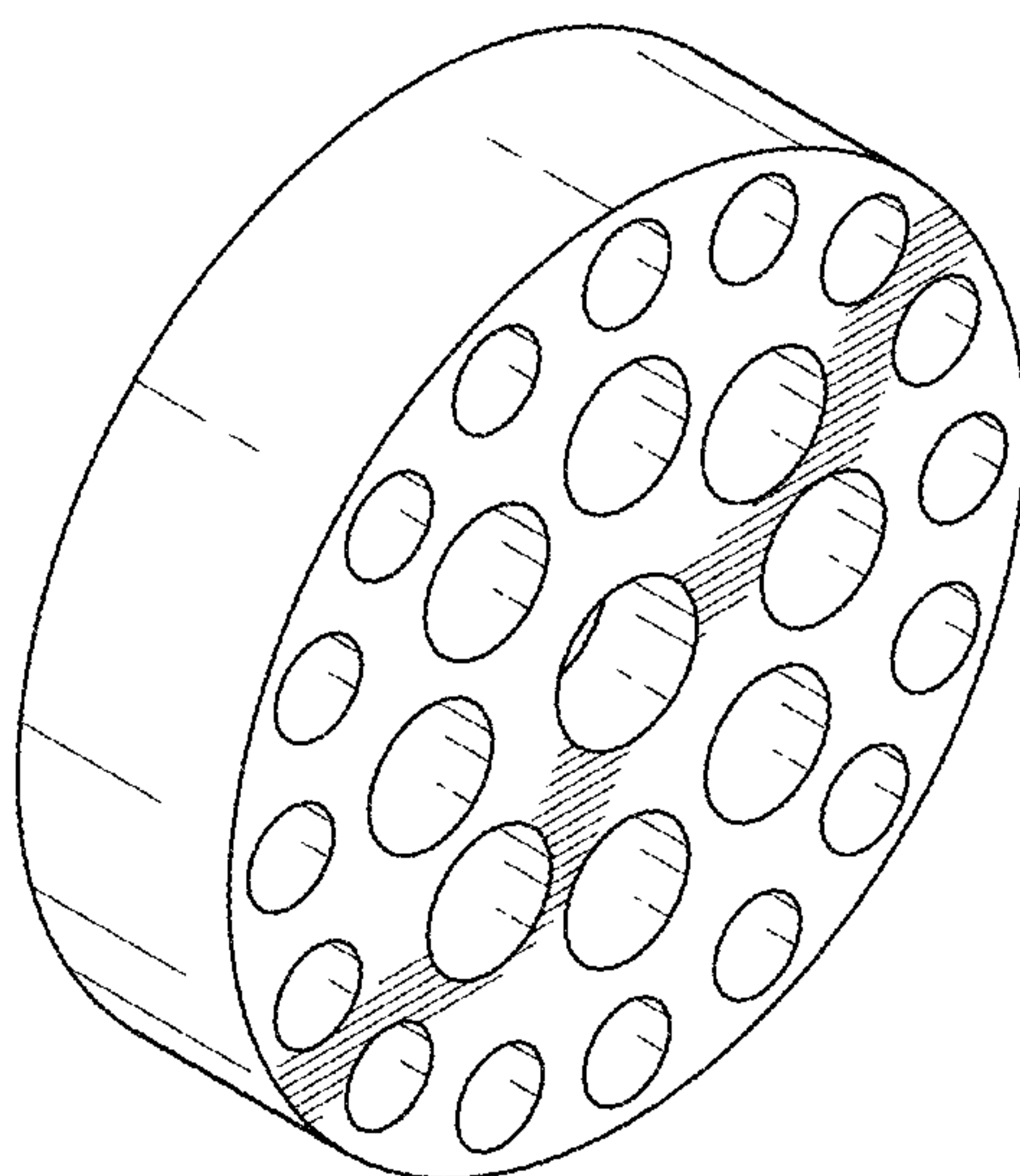


FIG. 12

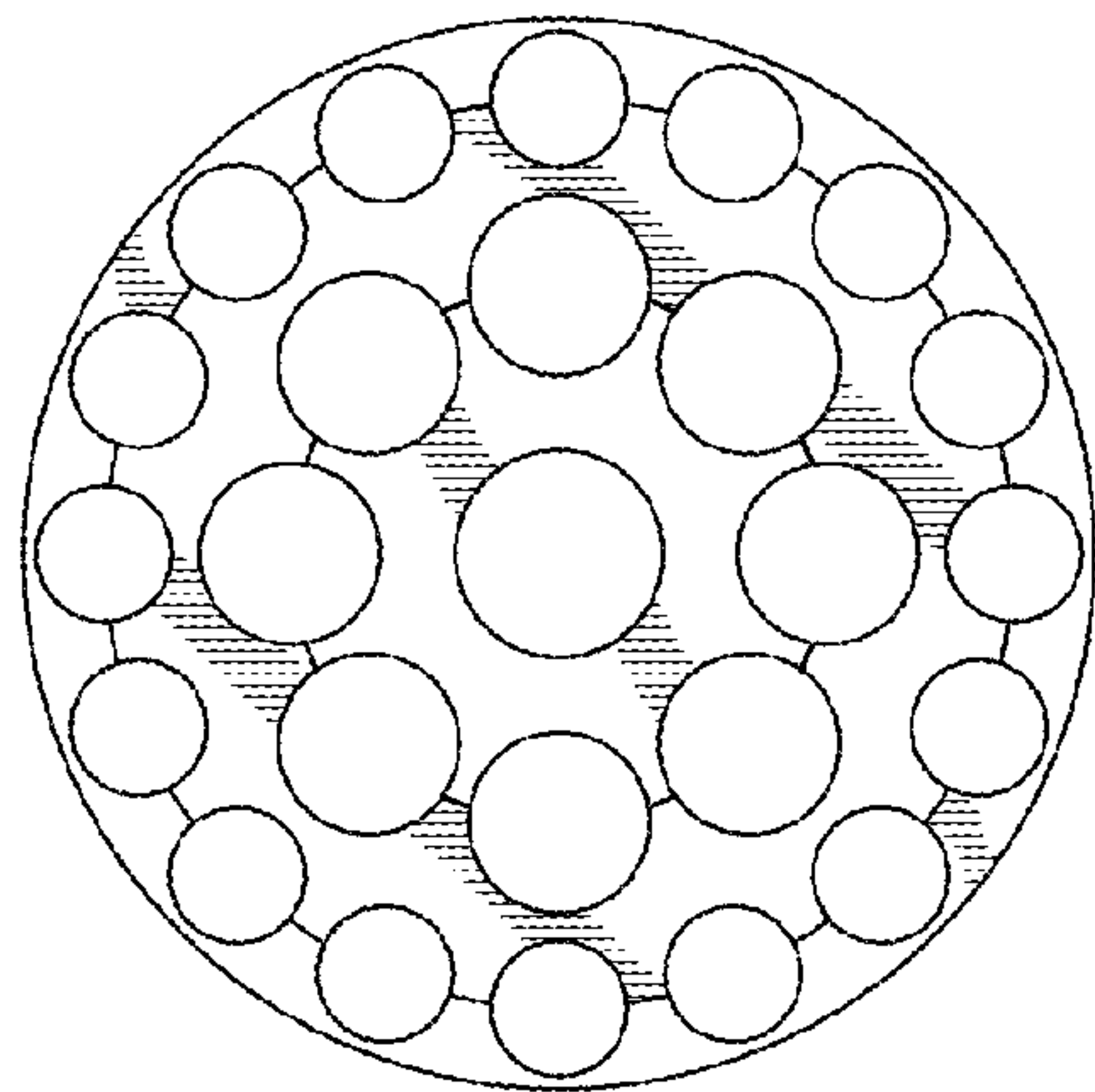


FIG. 13

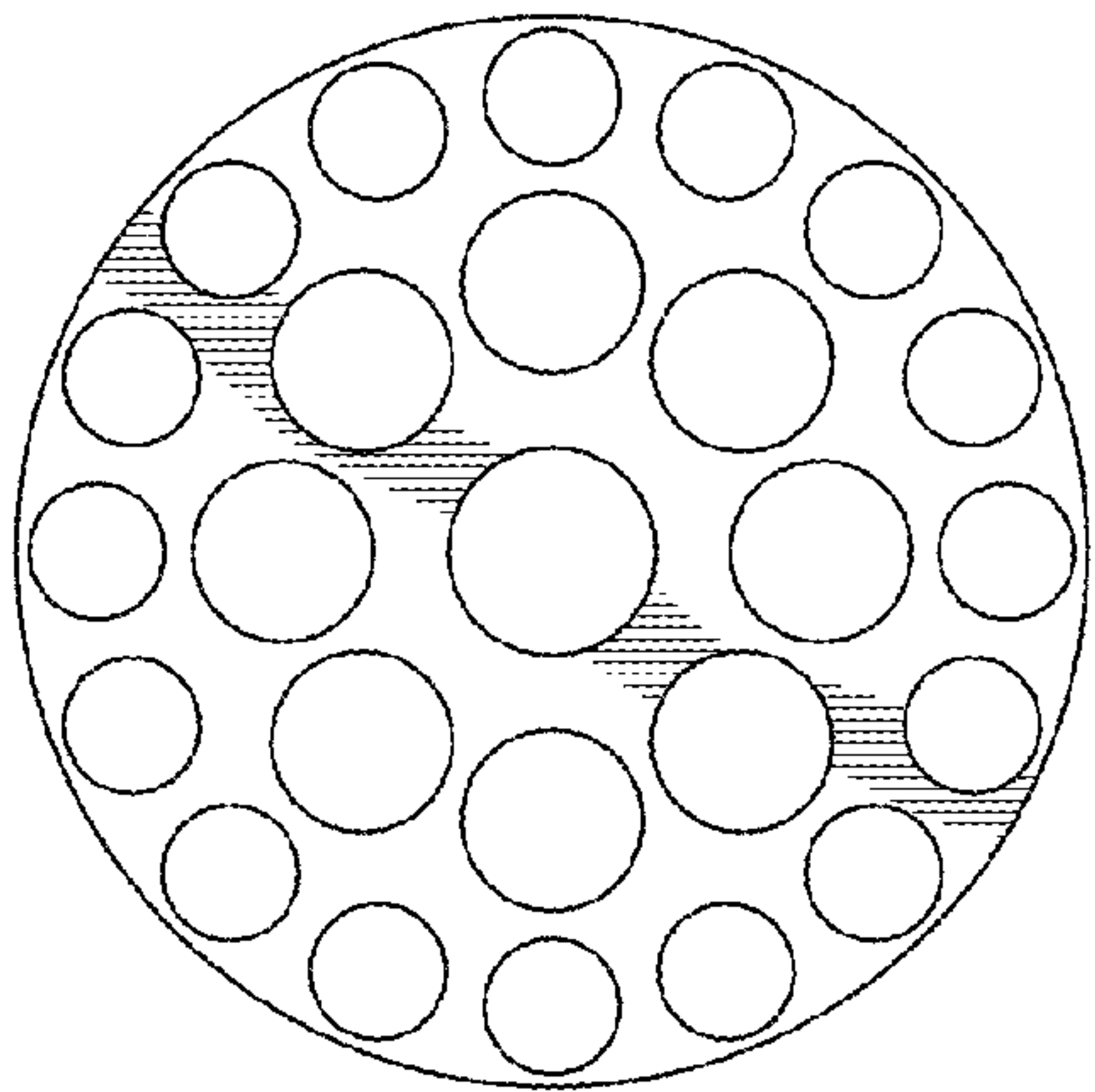


FIG. 14

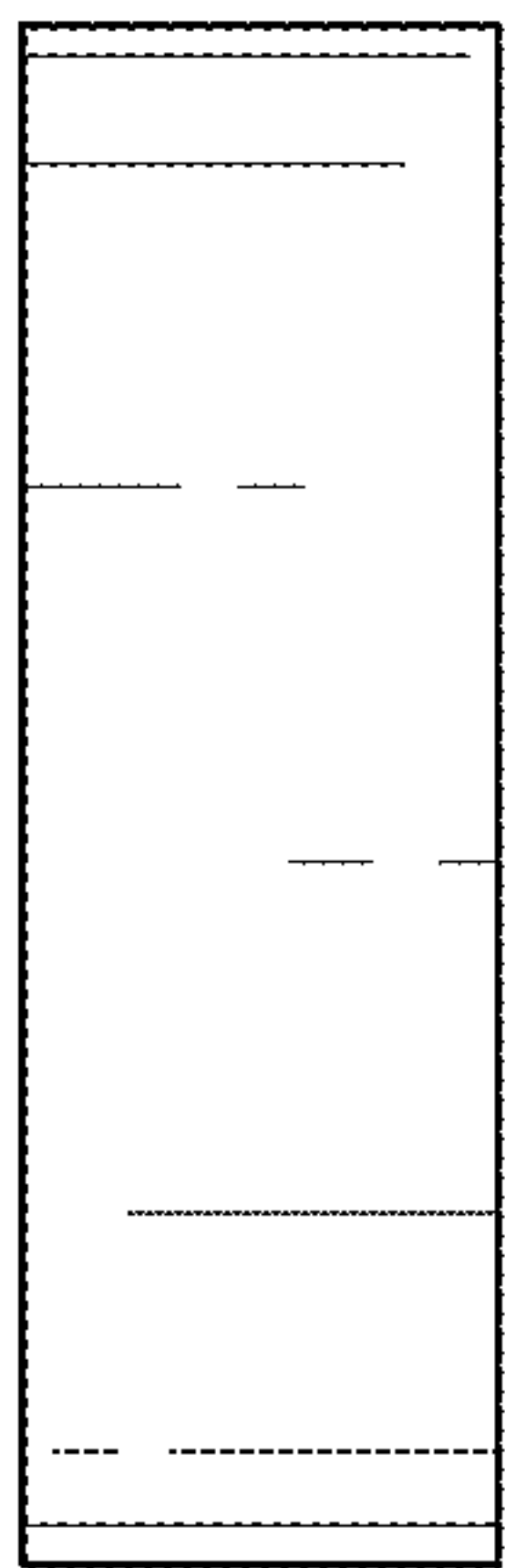


FIG. 15