



US00D772964S

(12) **United States Design Patent** (10) **Patent No.:** **US D772,964 S**
Ban (45) **Date of Patent:** **** Nov. 29, 2016**

(54) **ROLLER BEARING**
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(72) Inventor: **Toshikazu Ban**, Tokyo (JP)
(73) Assignee: **THK CO., LTD.**, Tokyo (JP)
(**) Term: **14 Years**
(21) Appl. No.: **29/496,701**
(22) Filed: **Jul. 16, 2014**
(30) **Foreign Application Priority Data**

Jan. 17, 2014 (JP) 2014-000868
Jan. 17, 2014 (JP) 2014-000869
Jan. 17, 2014 (JP) 2014-000870
Jan. 17, 2014 (JP) 2014-000871

(51) **LOC (10) Cl.** **15-09**
(52) **U.S. Cl.**
USPC **D15/143**
(58) **Field of Classification Search**
USPC D15/143, 199
See application file for complete search history.

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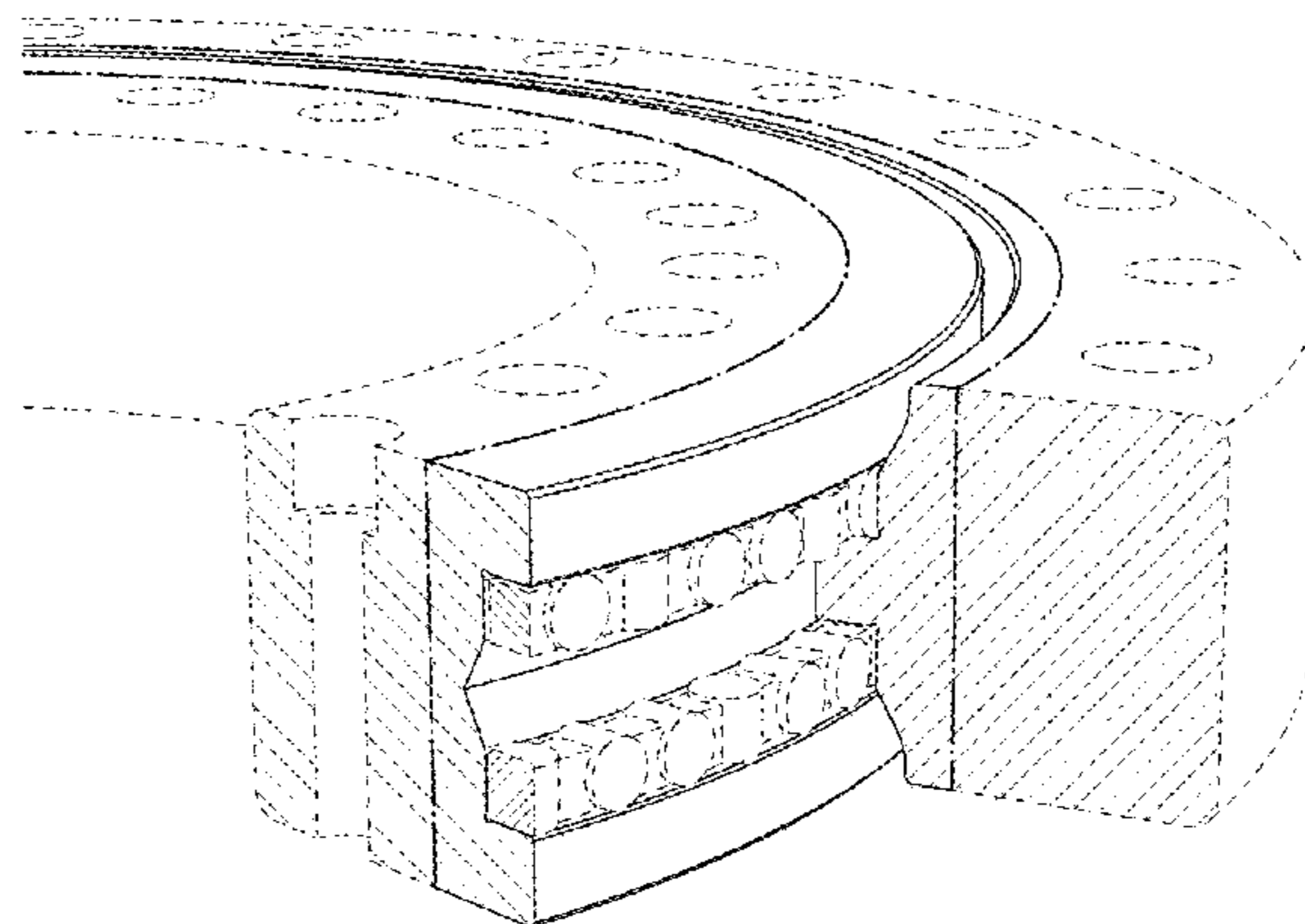
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Daniels & Adrian, LLP

(57) **CLAIM**
The ornamental design for a roller bearing, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a roller bearing according to my design.
FIG. 2 is a front elevation view thereof. A rear elevation view, a left side elevation view and a right side elevation view are identical to the front elevation view.
FIG. 3 is a top plan view thereof.
FIG. 4 is a bottom plan view thereof.
FIG. 5 is a cross-sectional view taken along the line 5-5 in FIG. 2.
FIG. 6 is an enlarged cross-sectional view taken along the line 6-6 in FIG. 3.
FIG. 7 is an enlarged view of the portion 7 in FIG. 6.
FIG. 8 is a referential view showing the rollers.
FIG. 9 is a perspective view of a second embodiment of a roller bearing.
FIG. 10 is a front elevation view thereof. A rear elevation view, a left side elevation view and a right side elevation view are identical to the front elevation view.
FIG. 11 is a top plan view thereof.
FIG. 12 is a bottom plan view thereof.
FIG. 13 is a cross-sectional view taken along the line 13-13 in FIG. 10.
FIG. 14 is an enlarged cross-sectional view taken along the line 14-14 in FIG. 11.
FIG. 15 is an enlarged view of the portion 15 in FIG. 14.
FIG. 16 is a referential view showing the rollers.
FIG. 17 is a perspective view of a third embodiment of a roller bearing.
FIG. 18 is a front elevation view thereof. A rear elevation view, a left side elevation view and a right side elevation view are identical to the front elevation view.
FIG. 19 is a top plan view thereof.
FIG. 20 is a bottom plan view thereof.
FIG. 21 is a cross-sectional view taken along the line 21-21 in FIG. 18.
FIG. 22 is an enlarged cross-sectional view taken along the line 22-22 in FIG. 19.
FIG. 23 is an enlarged view of the portion 23 in FIG. 22; and, FIG. 24 is a referential view showing the rollers.
The portions of the roller bearing shown in broken lines are for the purpose of showing environmental structure only and form no part of the claimed design. The dash-dot-dash lines are boundary lines and form no part of the claimed design.

1 Claim, 24 Drawing Sheets



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FIG. 1

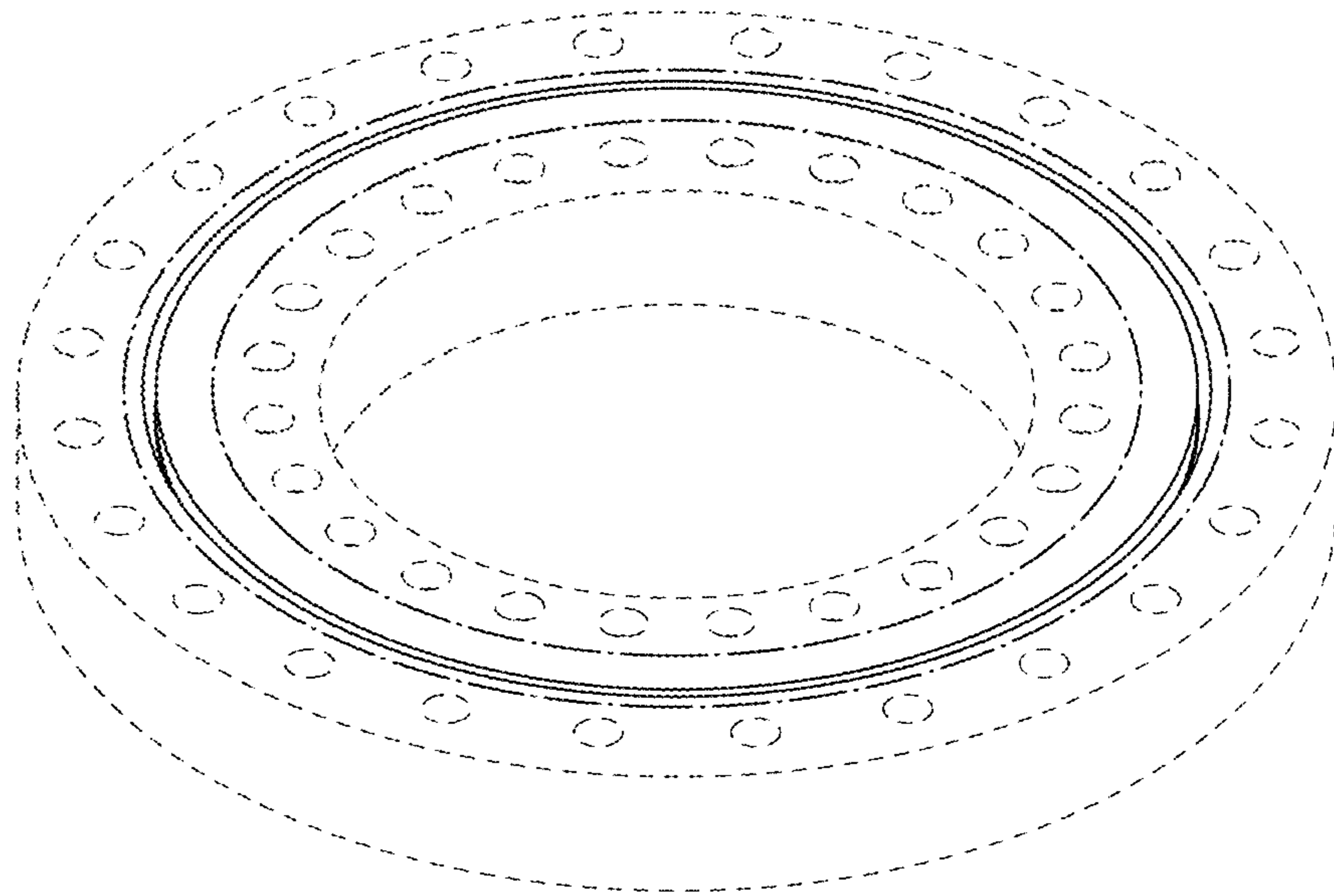


FIG. 2

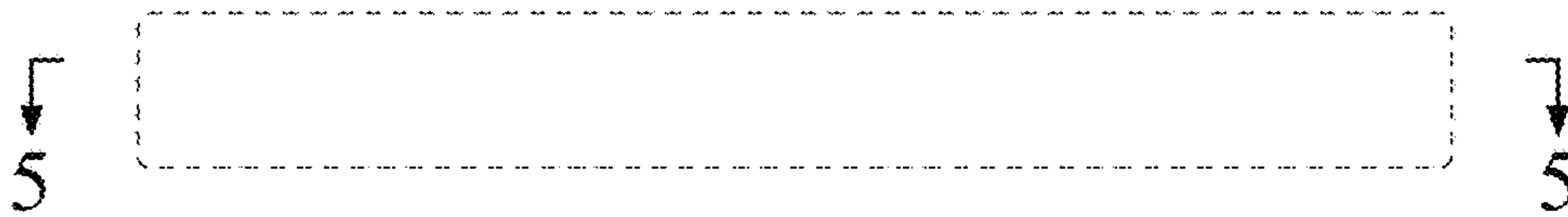


FIG. 3

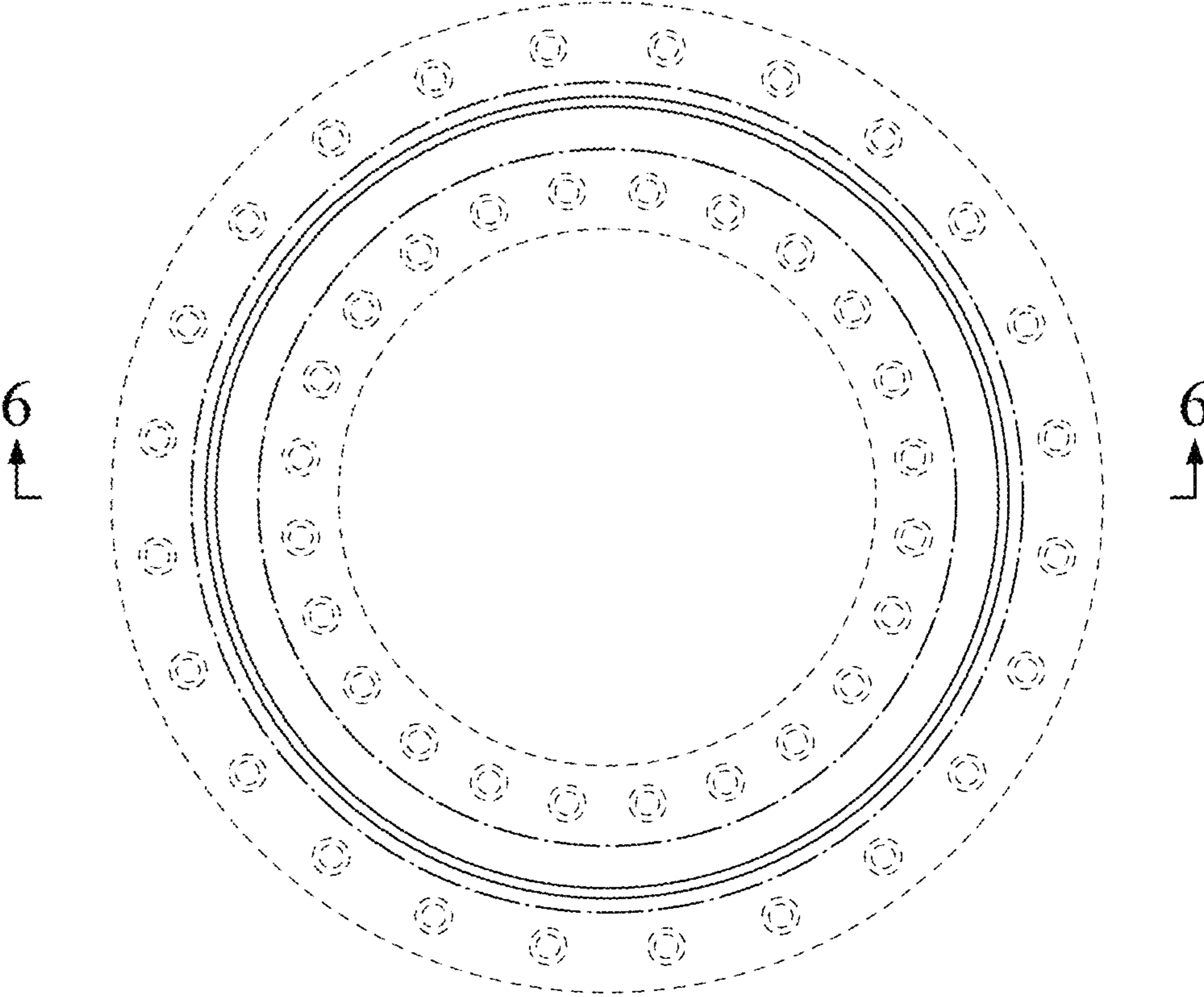


FIG. 4

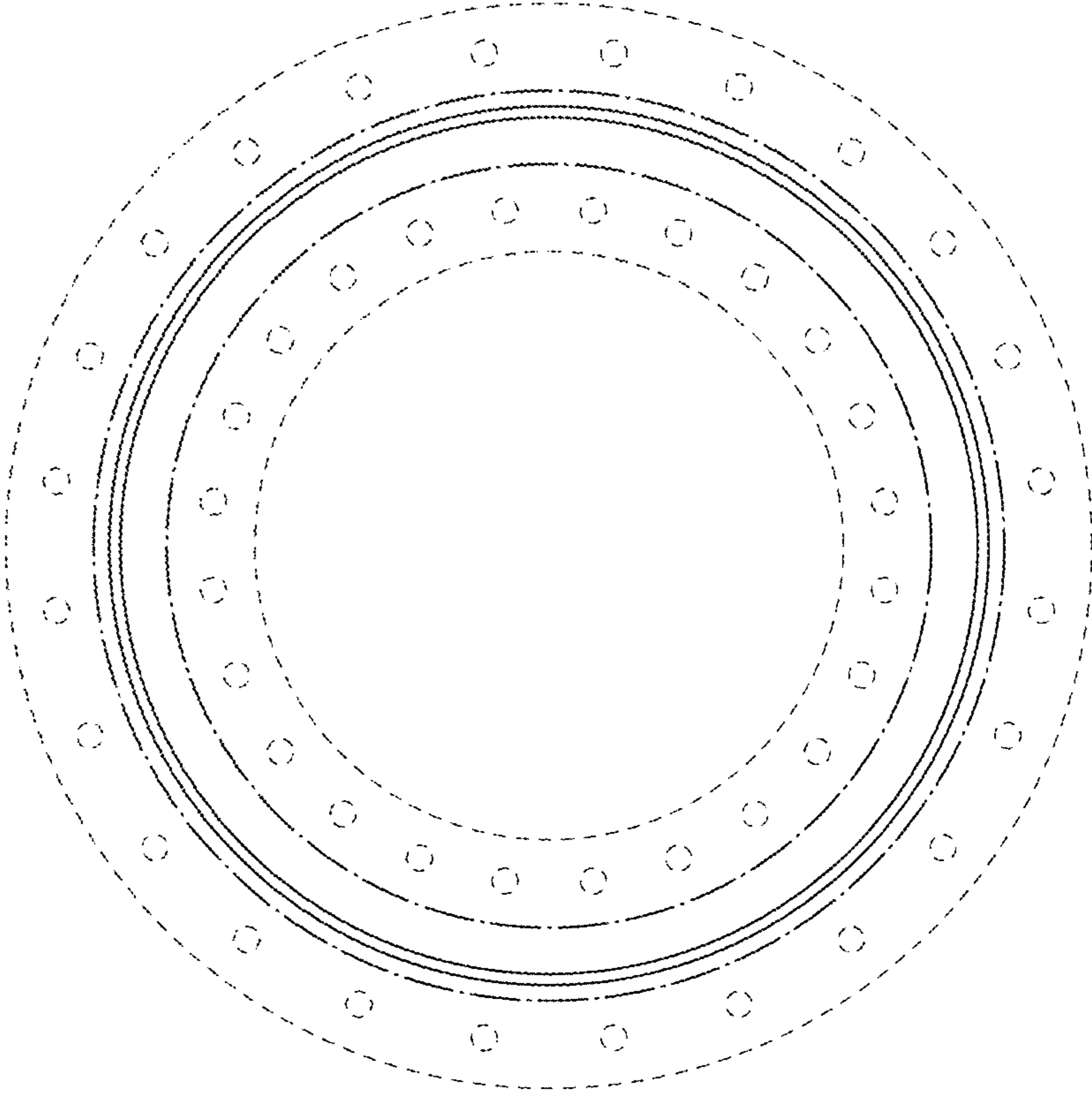


FIG. 5

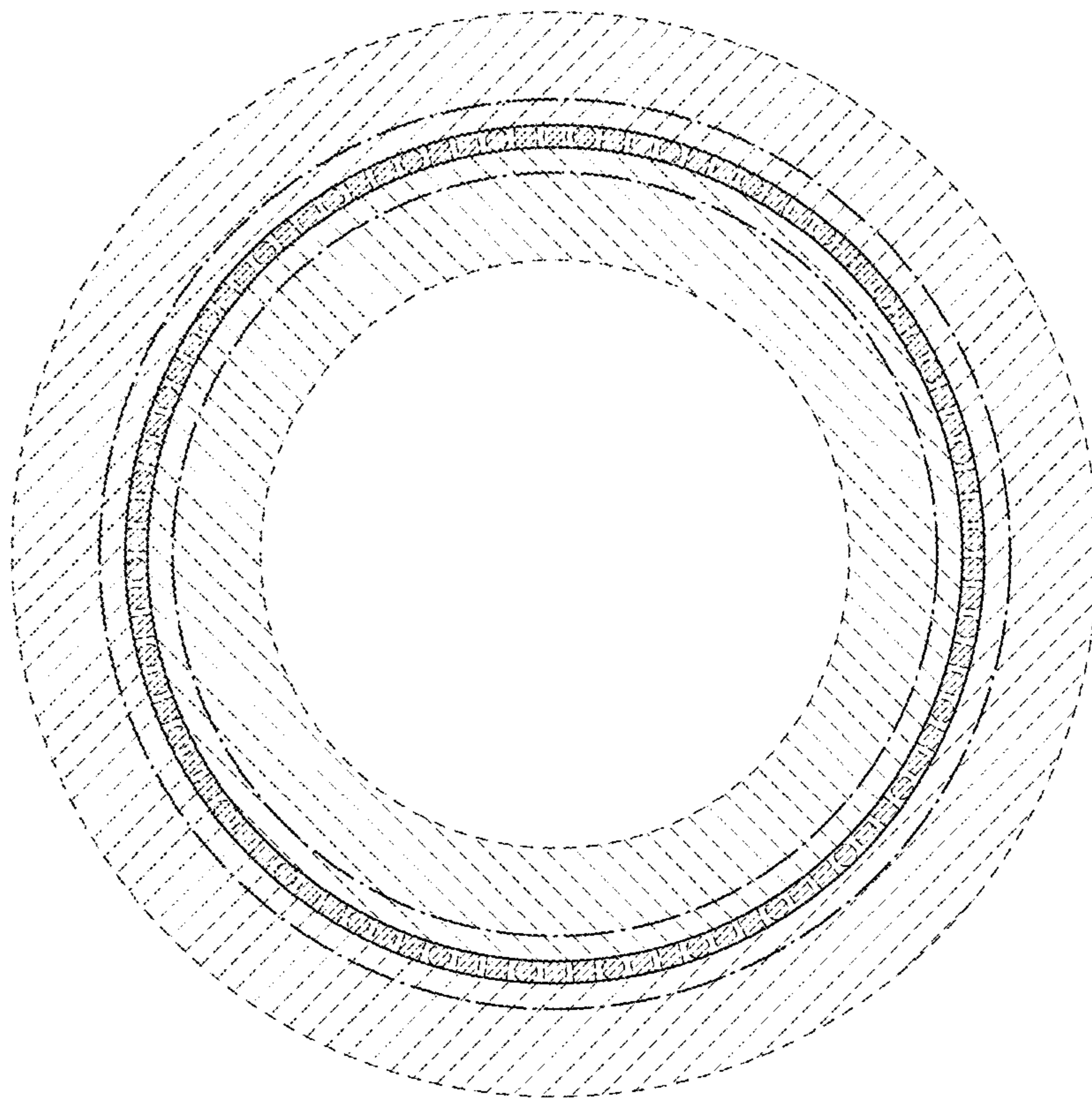


FIG. 6



FIG. 7

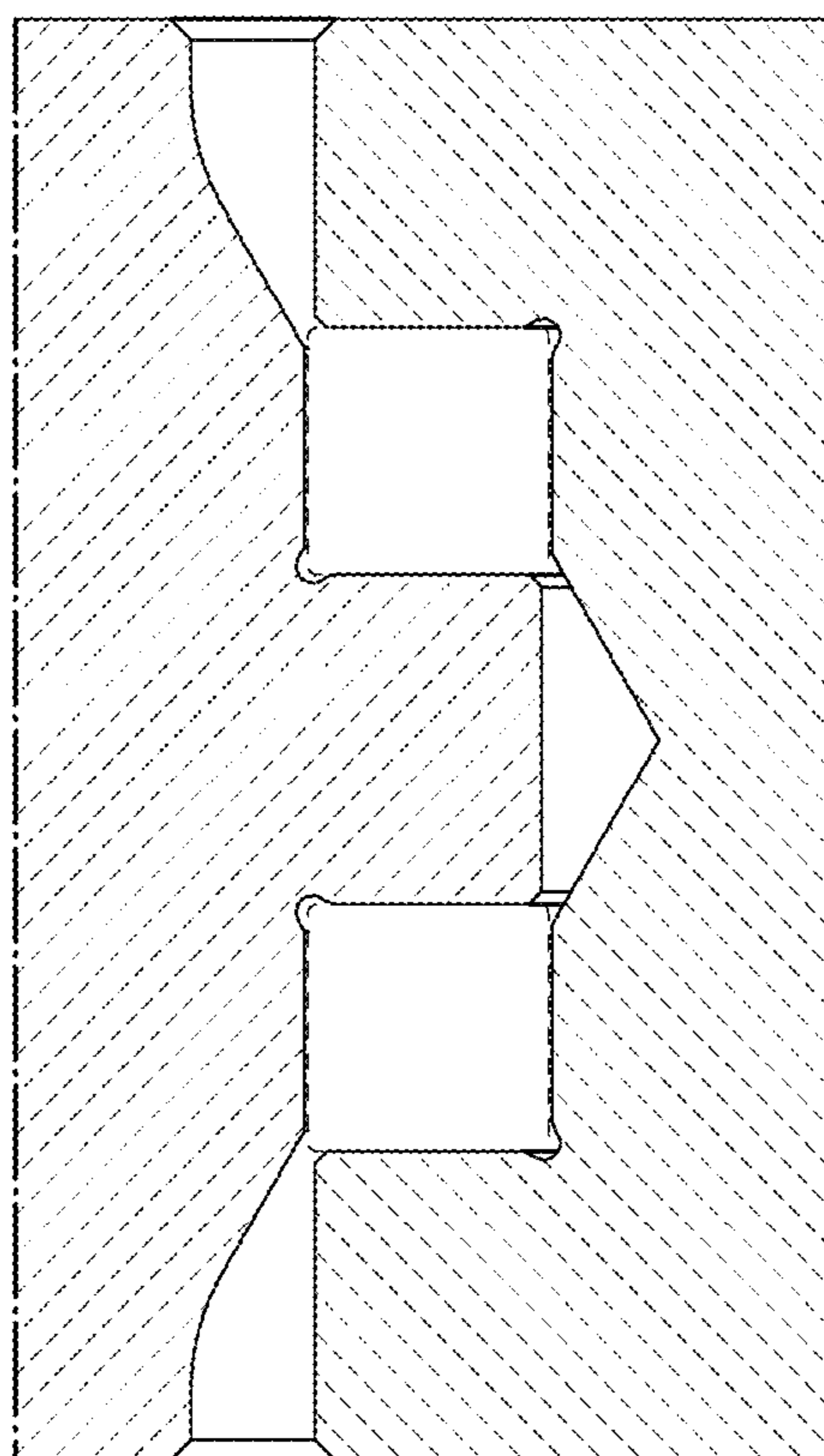


FIG. 8

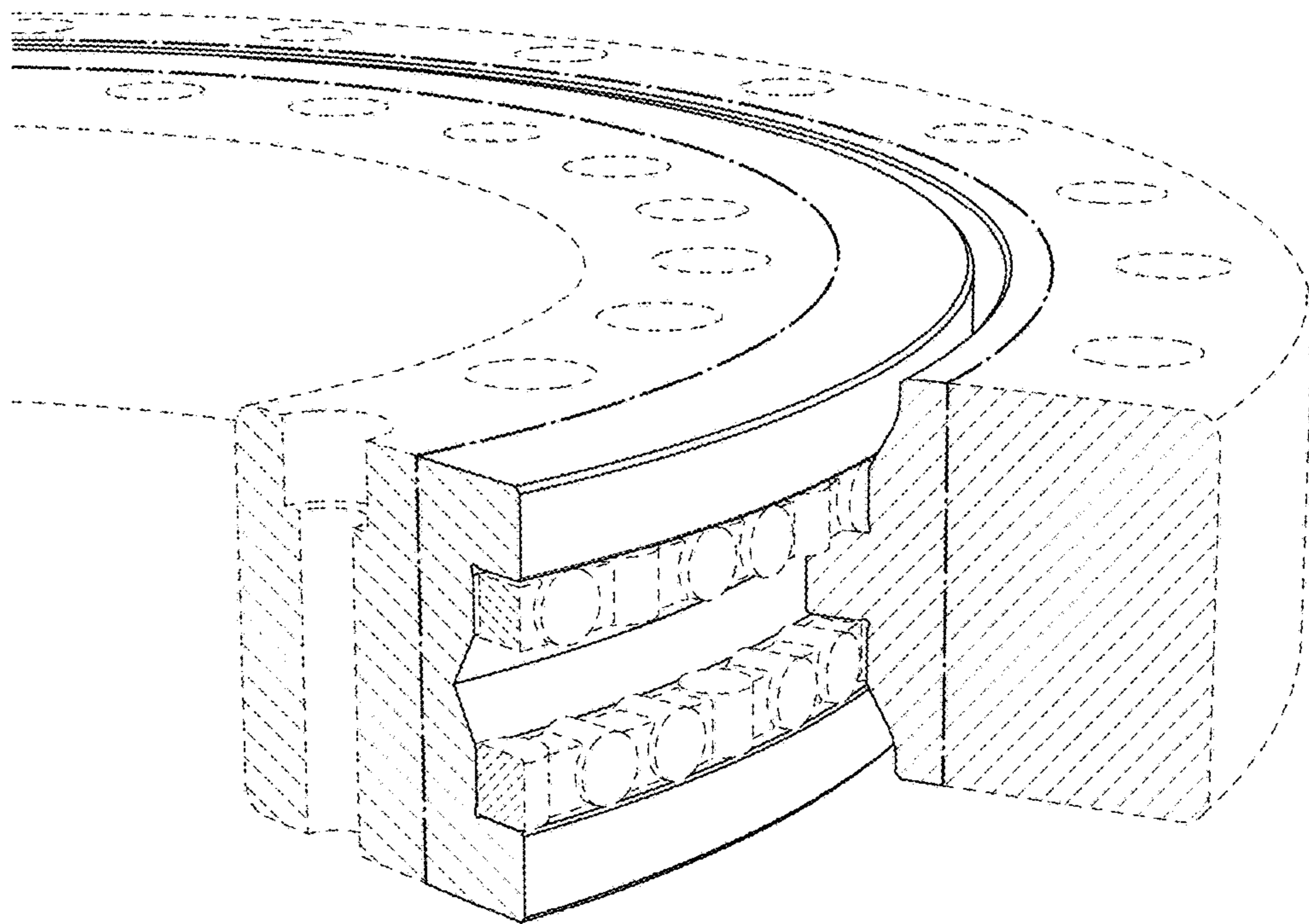


FIG. 9

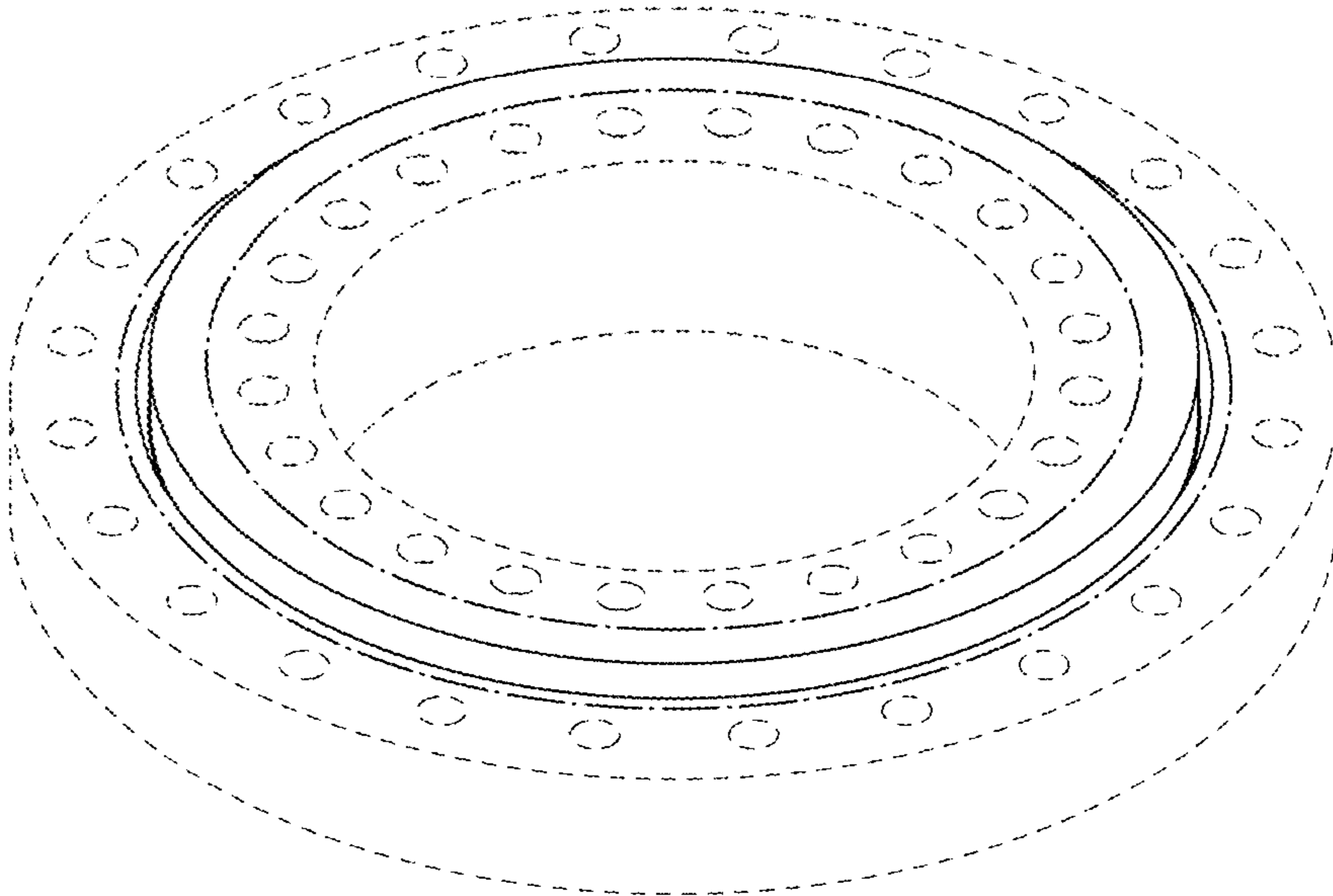


FIG. 10

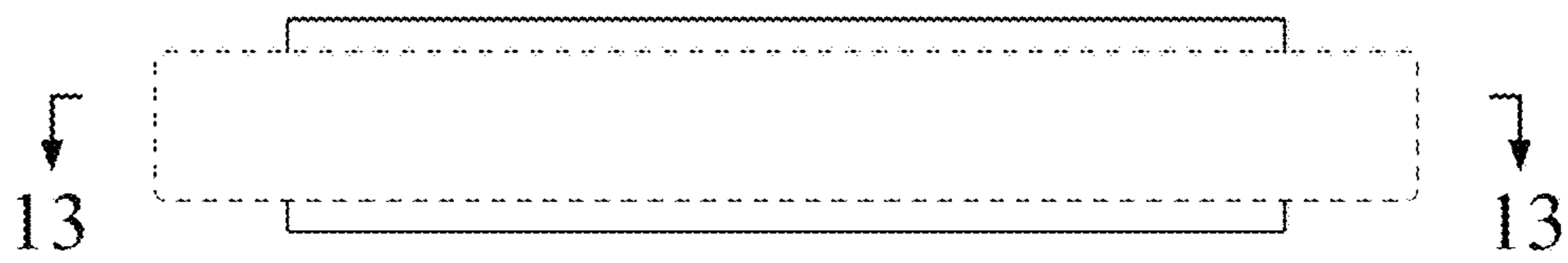


FIG. 11

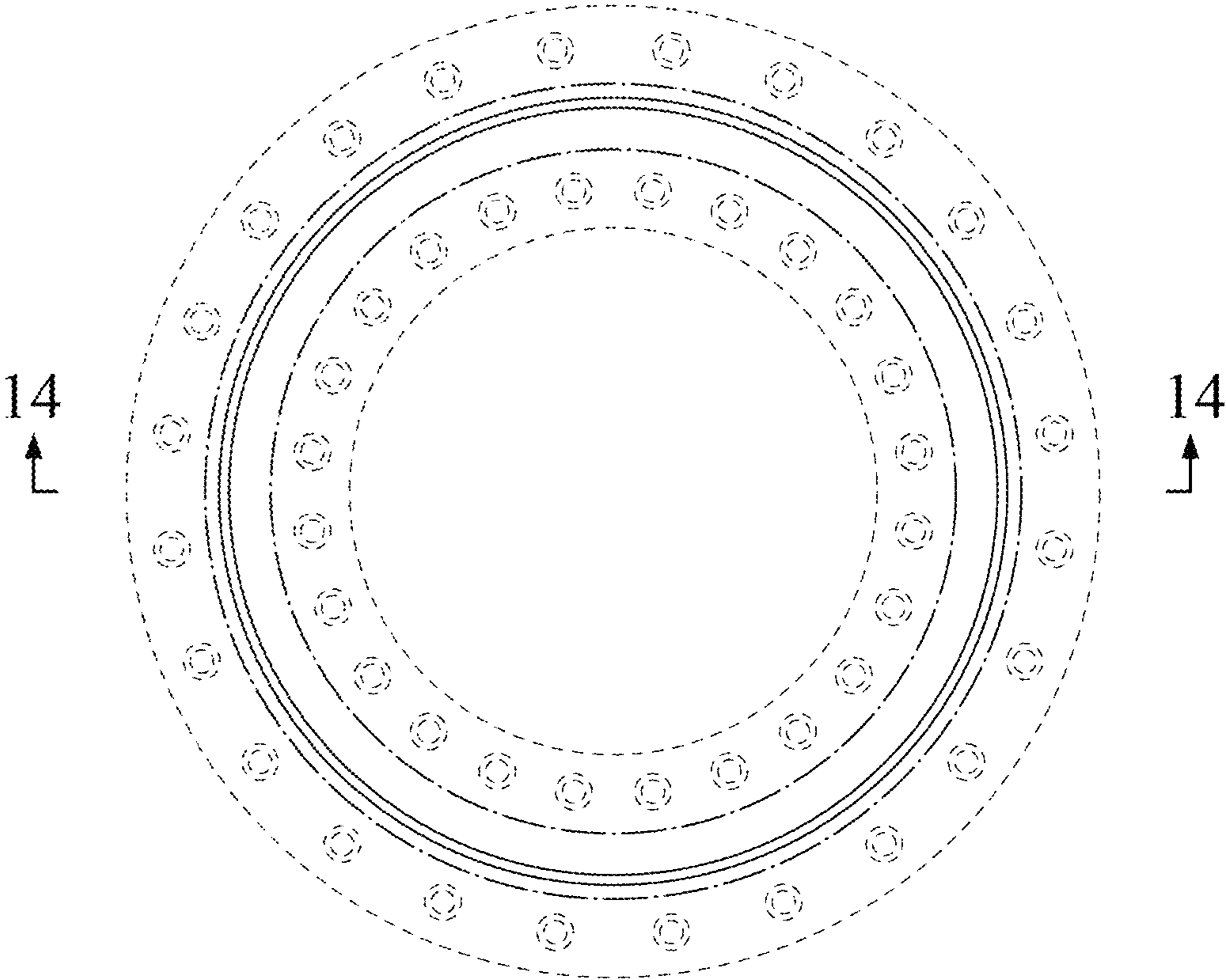


FIG. 12

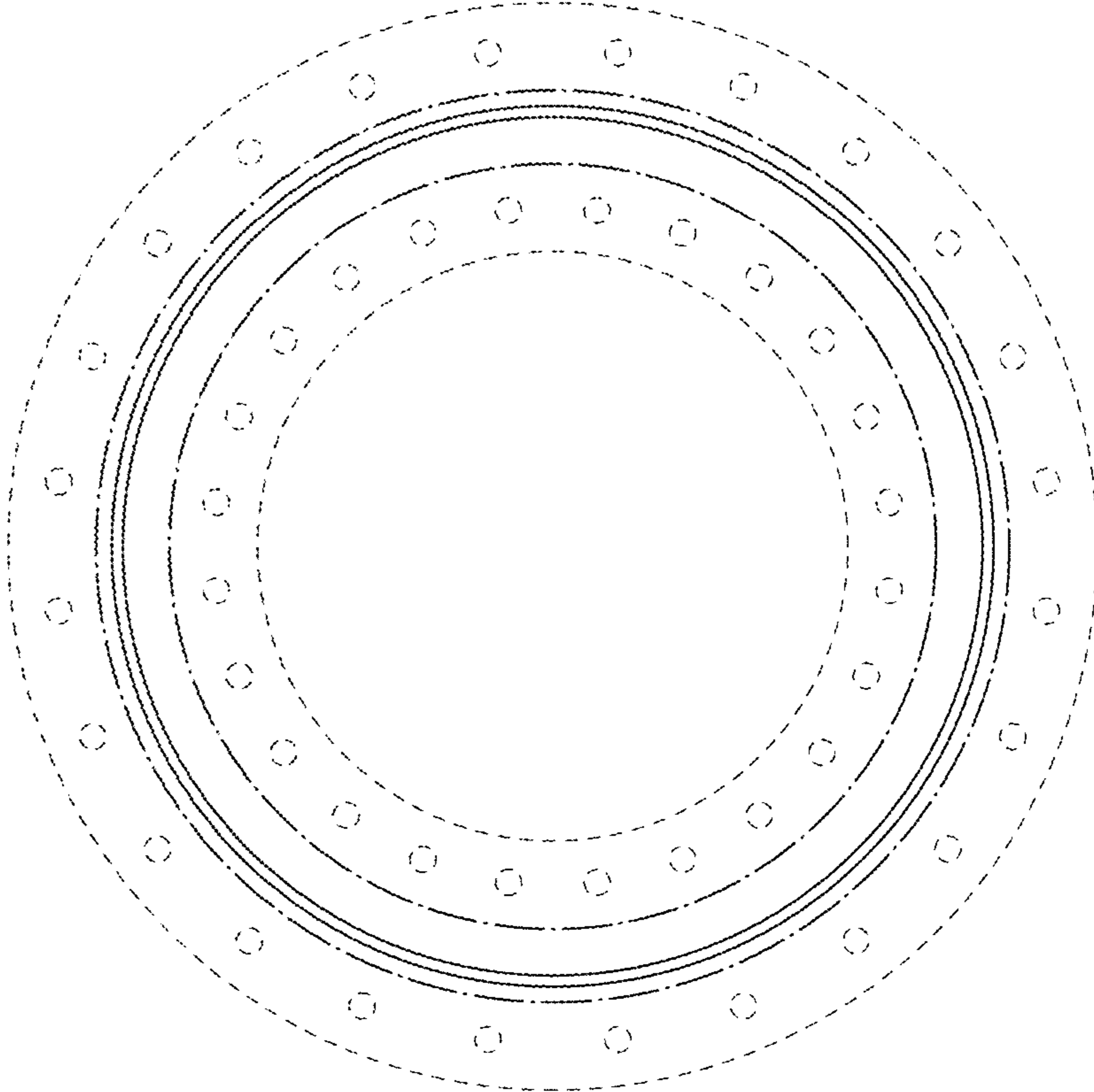


FIG. 13

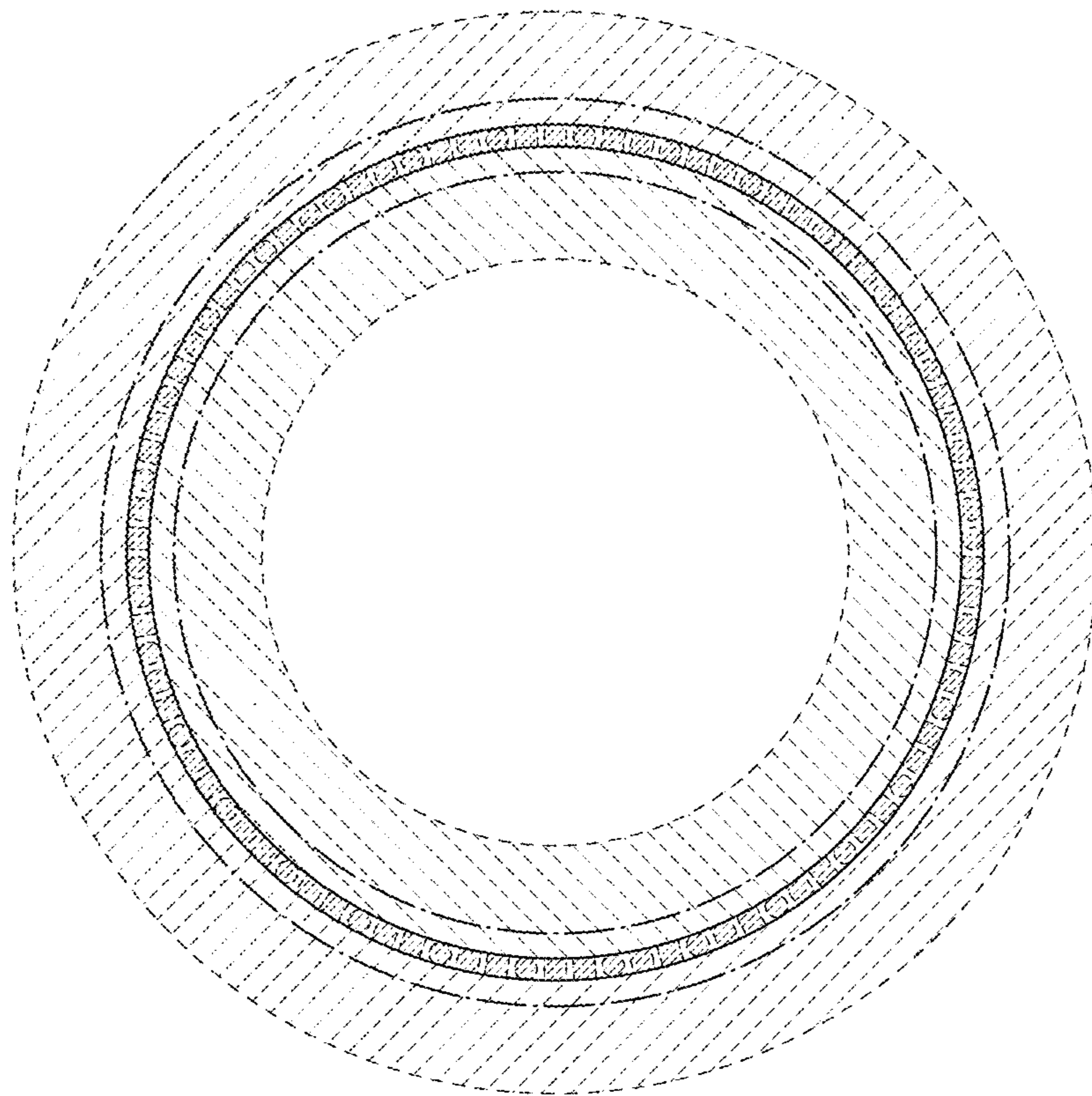


FIG. 14



FIG. 15

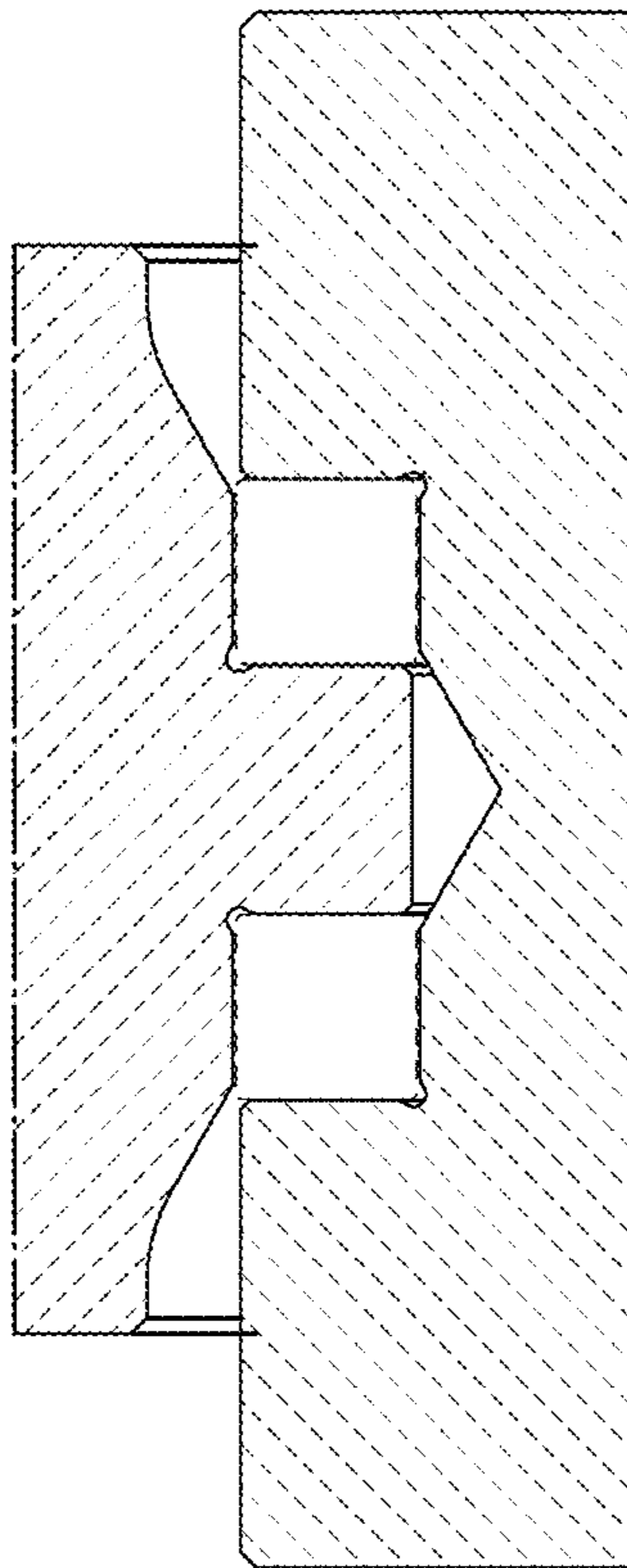


FIG. 16

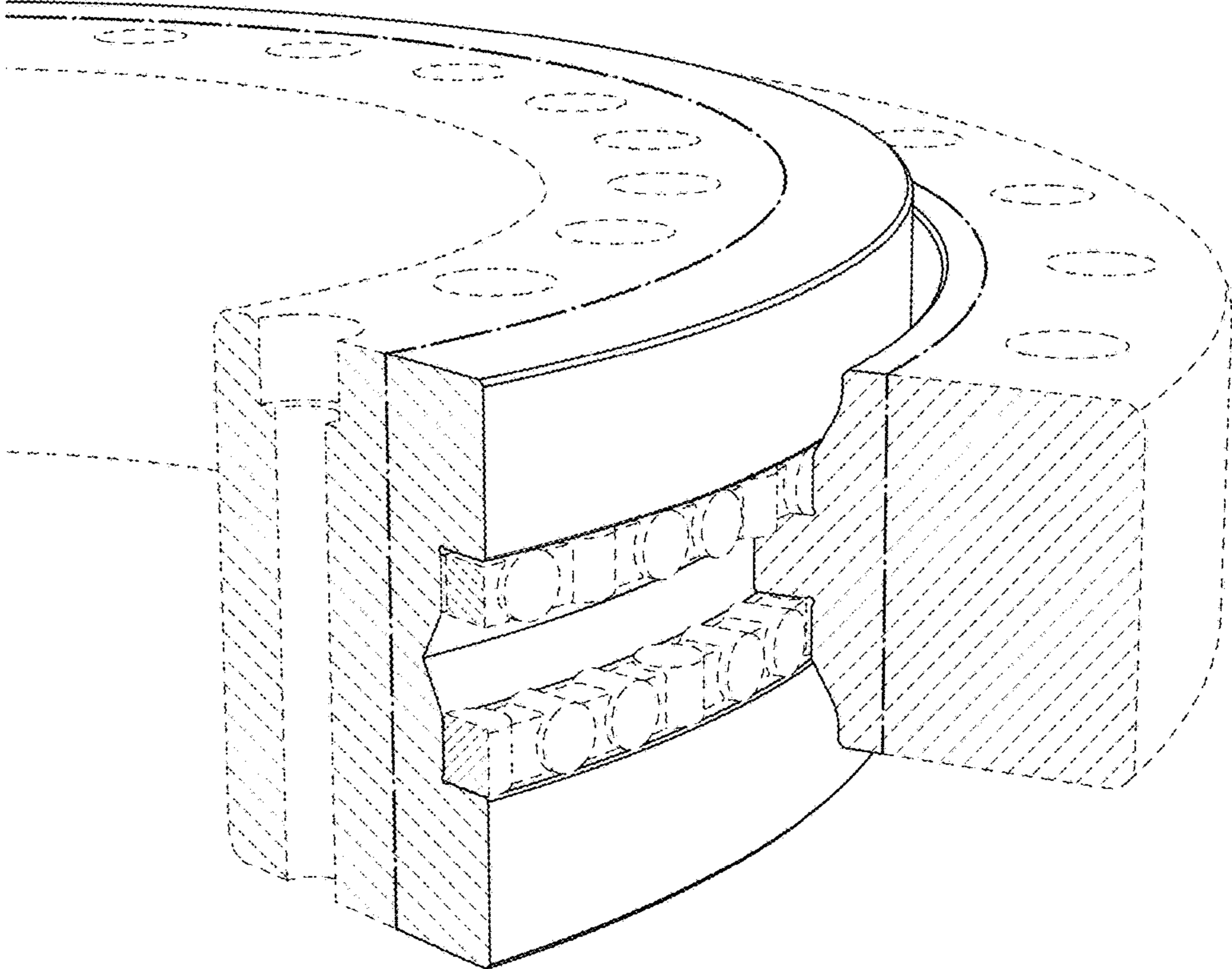


FIG. 17

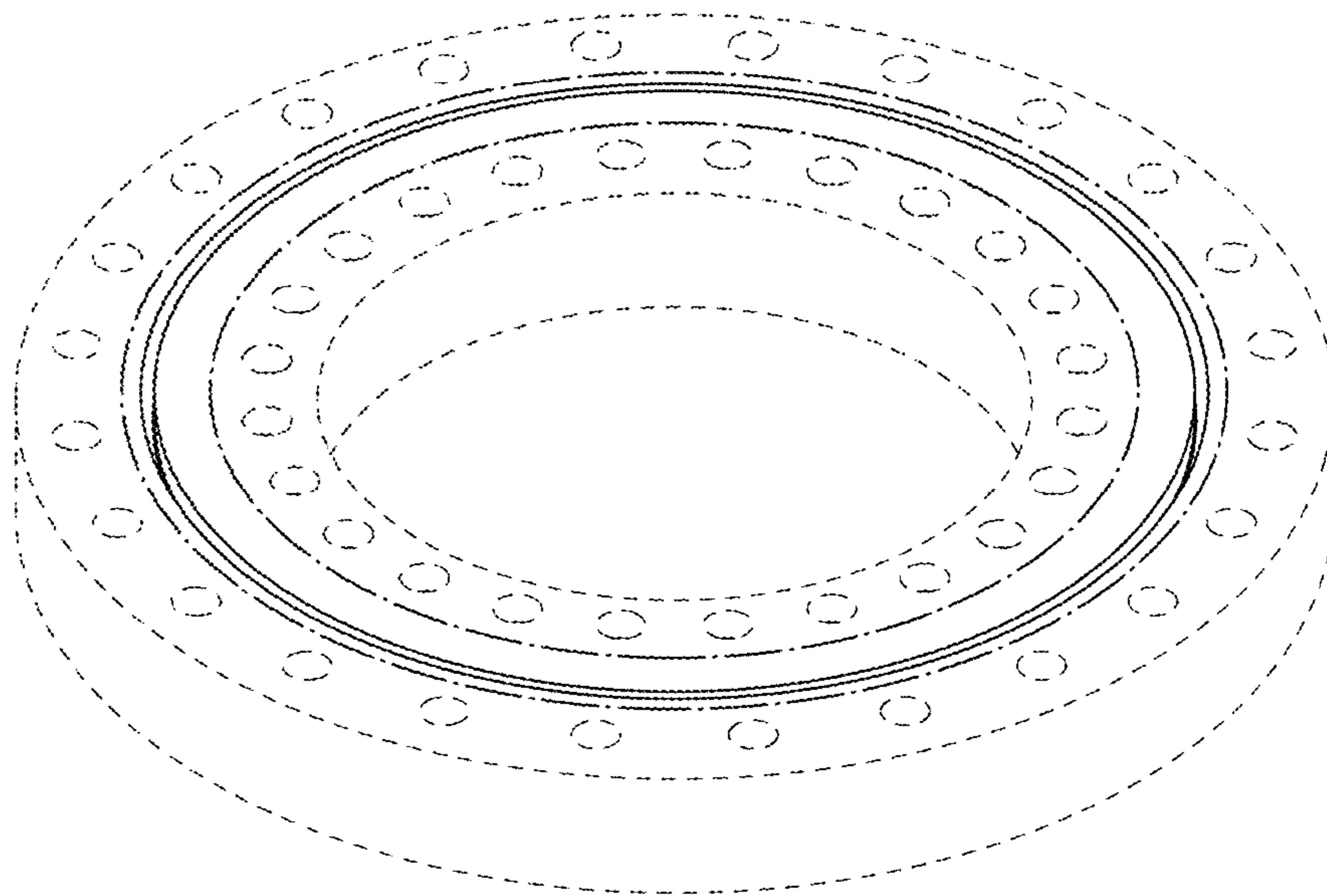


FIG. 18

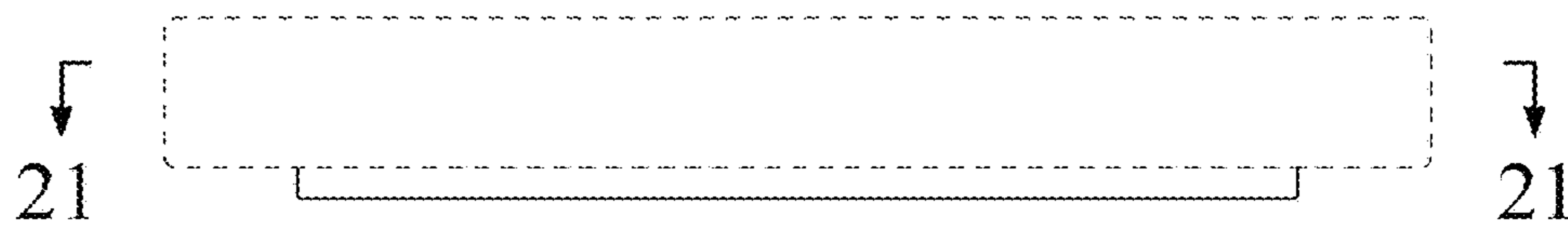


FIG. 19

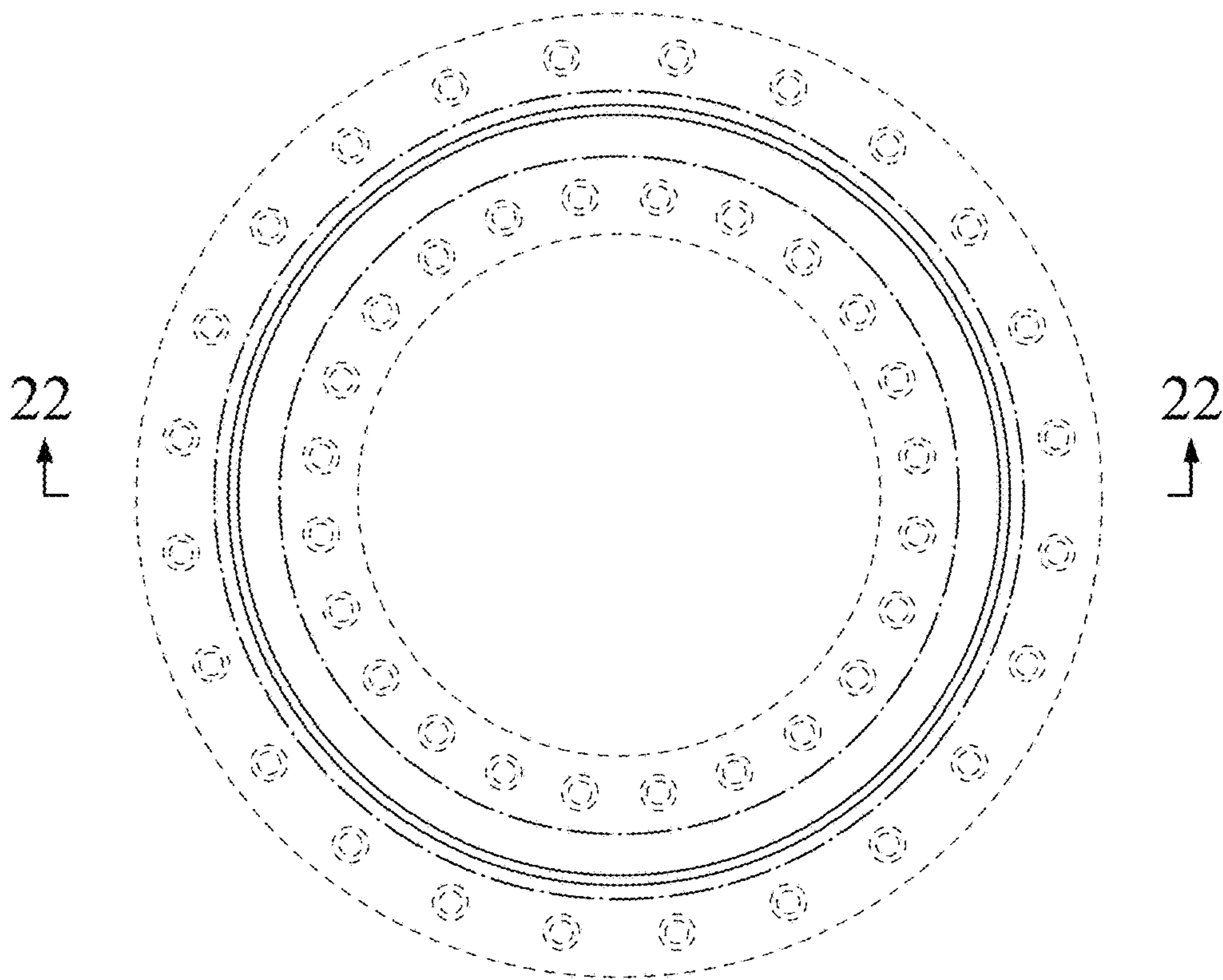


FIG. 20

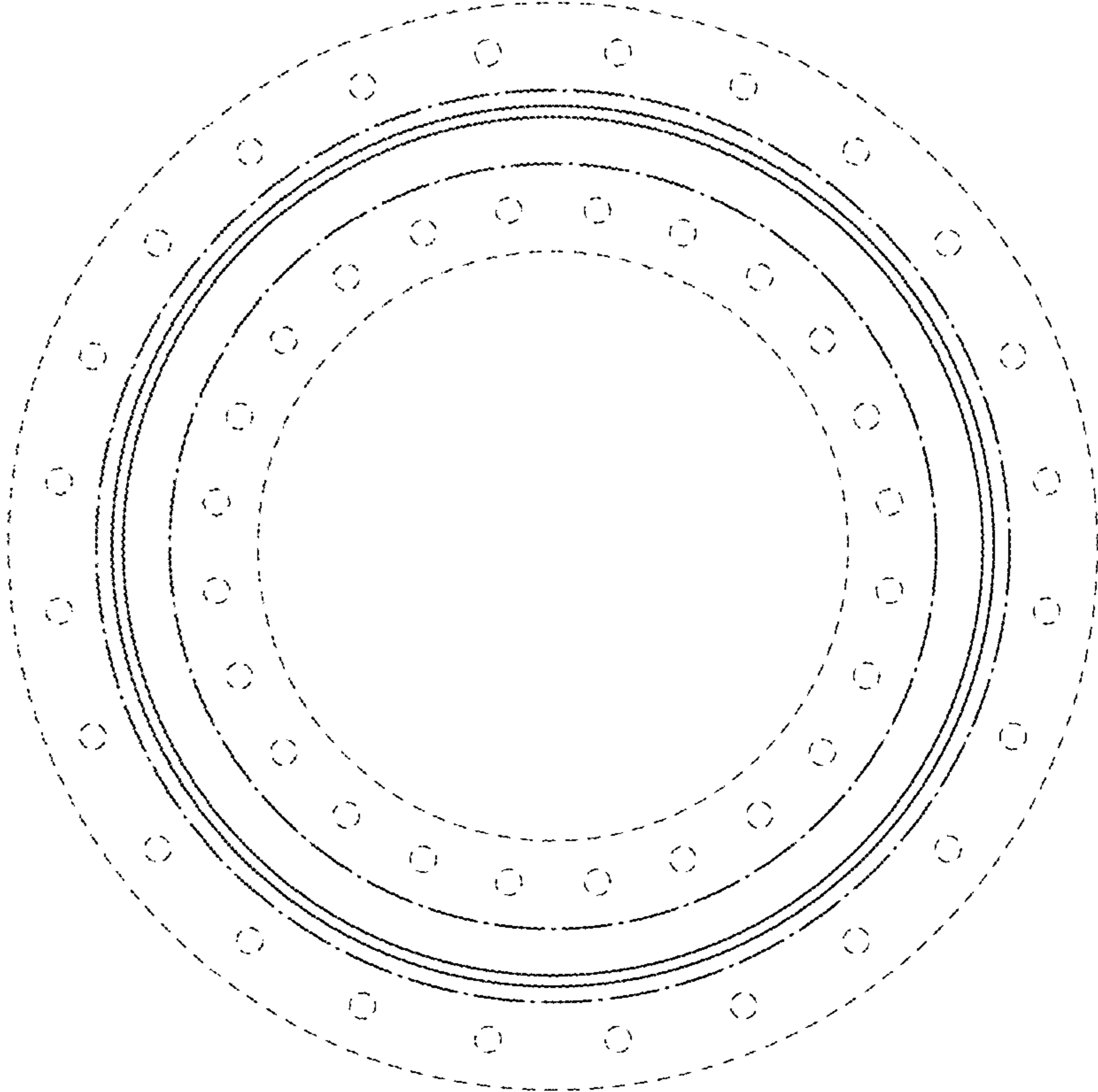


FIG. 21

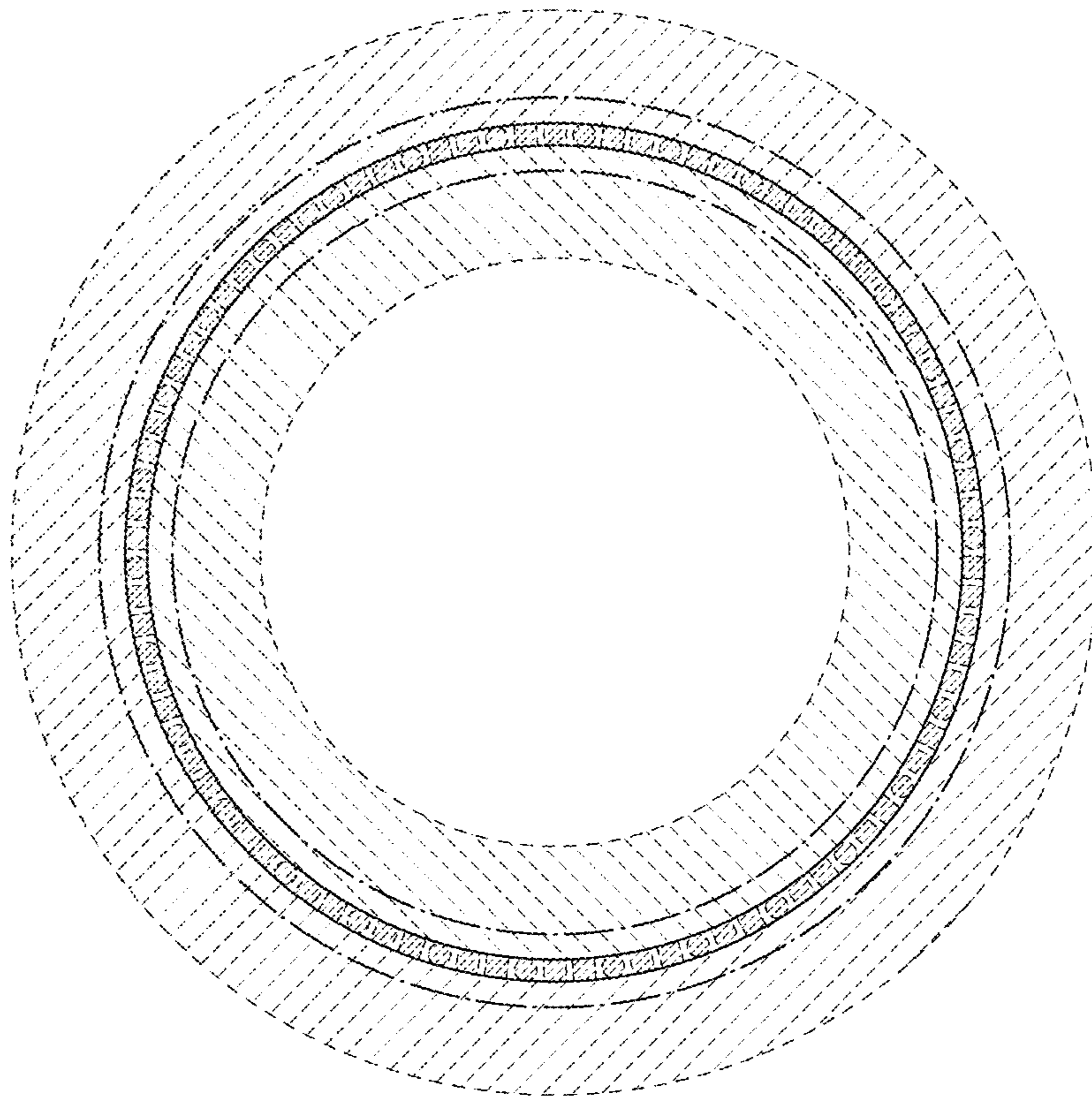


FIG. 22



FIG. 23

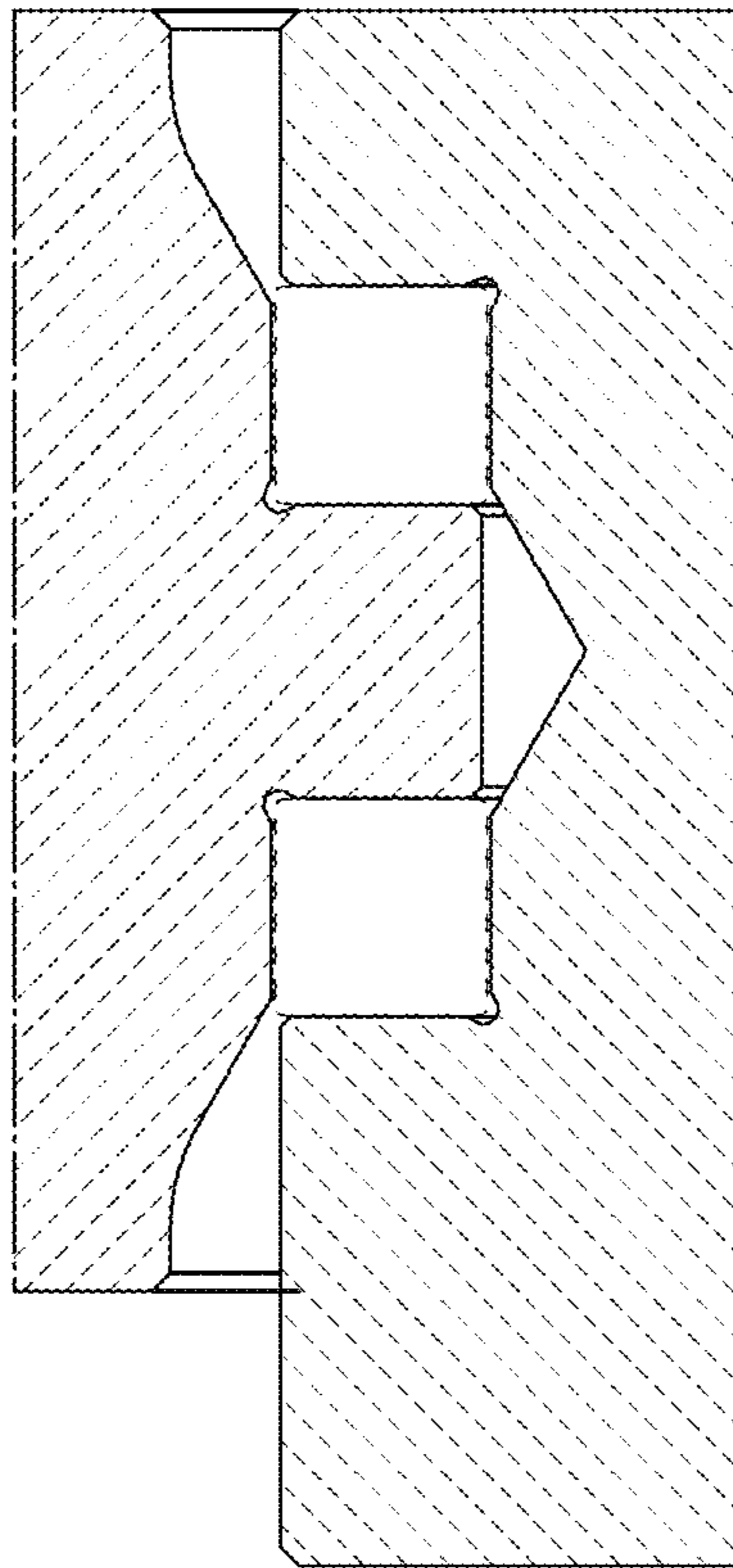


FIG. 24

