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

(10) **Patent No.:** **US D810,705 S**

(45) **Date of Patent:** **** Feb. 20, 2018**

- (54) **SELF-CENTERING WAFER CARRIER FOR CHEMICAL VAPOR DEPOSITION**
- (71) Applicant: **Veeco Instruments, Inc.**, Plainview, NY (US)
- (72) Inventors: **Sandeep Krishnan**, Jersey City, NJ (US); **Alexander I. Gurary**, Bridgewater, NJ (US); **Chenghung Paul Chang**, Easton, PA (US); **Earl Marcelo**, Franklin Park, NJ (US)
- (73) Assignee: **Veeco Instruments Inc.**, Plainview, NY (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/559,977**
- (22) Filed: **Apr. 1, 2016**
- (51) **LOC (11) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/182; D15/138**
- (58) **Field of Classification Search**
USPC D13/158-177, 179, 180, 182, 199, 132; D10/104.1, 108; D11/143, 144, 152; D14/216, 240, 356, 509; D17/22; D23/323, 328, 333, 335, 336, 337, 341, D23/352, 357, 370, 385, 386, 399, 400, D23/499; D12/303, 315; 118/50, 722, 118/715, 724, 733; 205/118, 123; D9/500, 452, 454; D15/122, 199, 138; D8/16, 19, 323, 399
CPC C25D 17/001; C25D 17/08; C25D 17/10; C25D 7/10; C25D 7/12; H01L 21/283; H01L 21/285; H01H 9/02; H01H 9/0214; H01H 13/04; H01H 21/08
See application file for complete search history.

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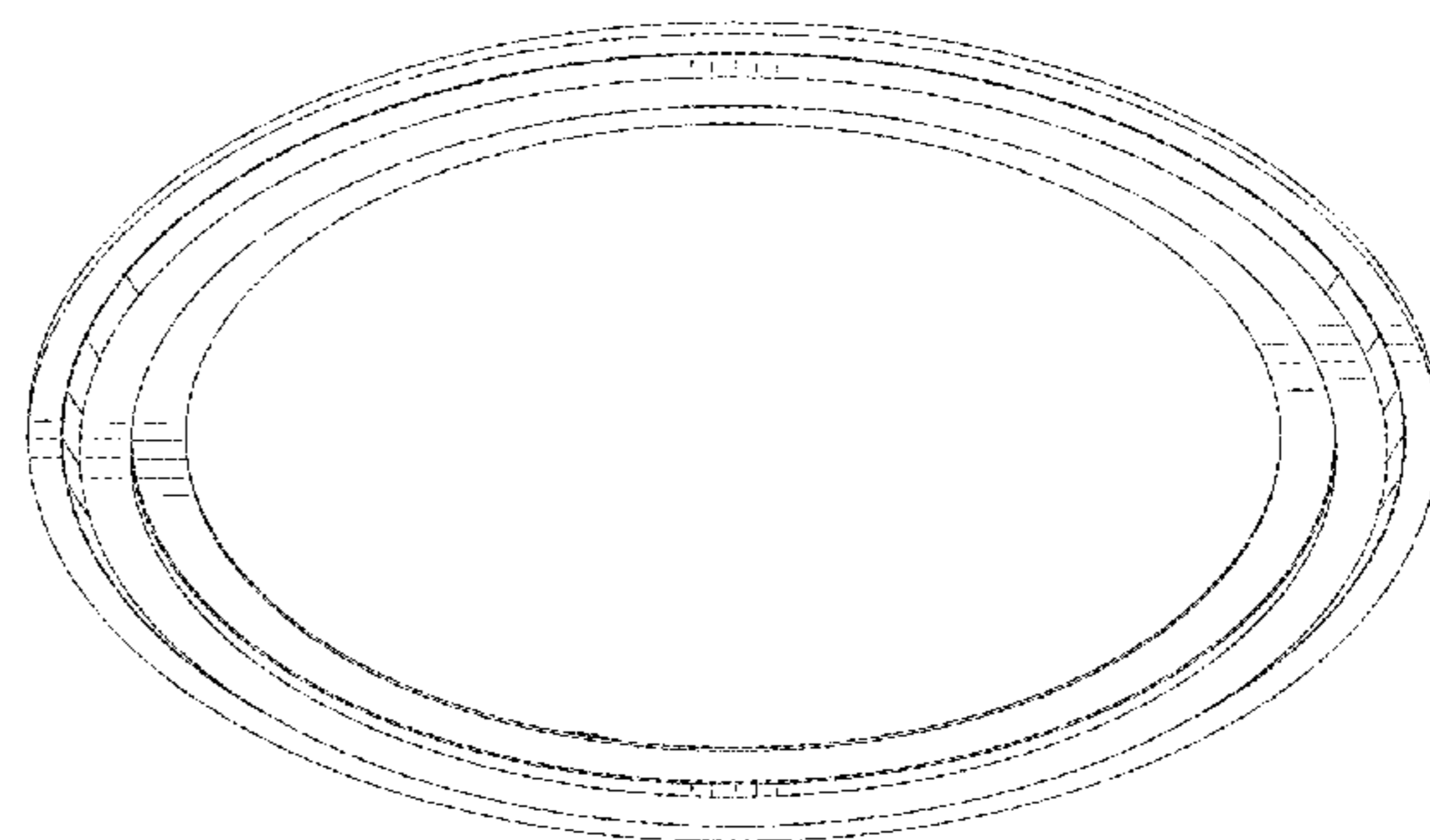
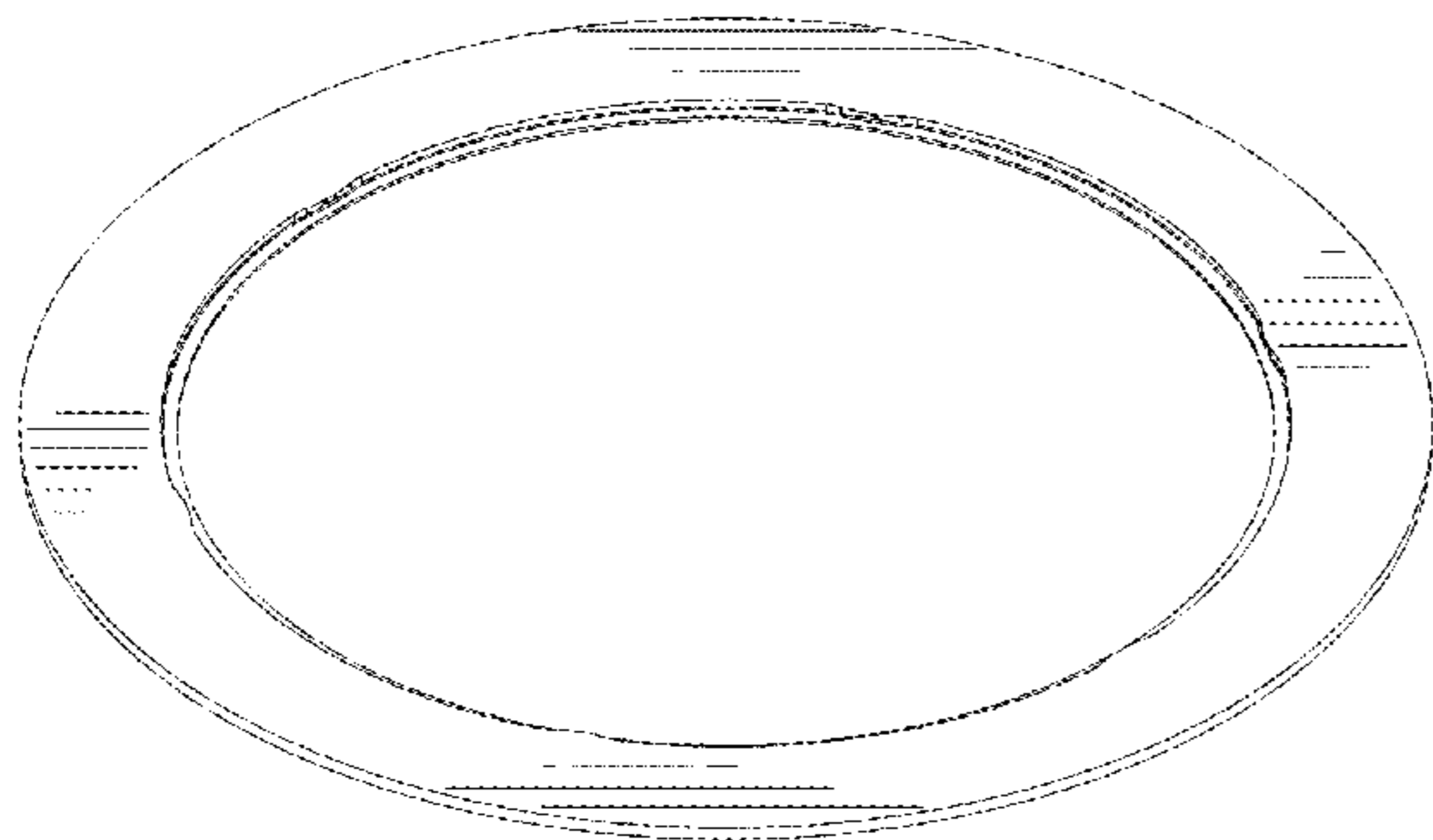
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Primary Examiner — Jeffrey D Asch

Assistant Examiner — Tracey J Bell

(74) *Attorney, Agent, or Firm* — Kurt Rauschenbach;
Rauschenbach Patent Law Group, LLC

(57)

CLAIM

The ornamental design for a self-centering wafer carrier for chemical vapor deposition, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a first embodiment of an ornamental design for a self-centering wafer carrier for chemical vapor deposition;

FIG. 2 is a bottom perspective view of the first embodiment thereof;

FIG. 3 is a top view of the first embodiment thereof;

FIG. 4 is a bottom view of the first embodiment thereof;

FIG. 5 is a right view of the first embodiment thereof;

FIG. 6 is a left view of the first embodiment thereof;

FIG. 7 is a rear view of the first embodiment thereof;

FIG. 8 is a front view of the first embodiment thereof; and
FIG. 9 is a cross section view taken along 9-9 in FIG. 3 of the first embodiment thereof.

FIG. 10 is a top perspective view of a second embodiment of an ornamental design for a self-centering wafer carrier for chemical vapor deposition;

FIG. 11 is a bottom perspective view of the second embodiment thereof;

FIG. 12 is a top view of the second embodiment thereof;

FIG. 13 is a bottom view of the second embodiment thereof;

FIG. 14 is a right view of the second embodiment thereof;

FIG. 15 is a left view of the second embodiment thereof;

FIG. 16 is a rear view of the second embodiment thereof;

FIG. 17 is a front view of the second embodiment thereof;

and

FIG. 18 is a cross section view taken along 18-18 in FIG. 12 of the second embodiment thereof.

FIG. 19 is a top perspective view of a third embodiment of an ornamental design for a self-centering wafer carrier for chemical vapor deposition;

FIG. 20 is a bottom perspective view of the third embodiment thereof;

FIG. 21 is a top view of the third embodiment thereof;

FIG. 22 is a bottom view of the third embodiment thereof;

FIG. 23 is a right view of the third embodiment thereof;

FIG. 24 is a left view of the third embodiment thereof;

FIG. 25 is a rear view of the third embodiment thereof; and

FIG. 26 is a front view of the third embodiment thereof.

FIG. 27 is a top perspective view of a fourth embodiment of an ornamental design for a self-centering wafer carrier for chemical vapor deposition;

FIG. 28 is a bottom perspective view of the fourth embodiment thereof;

FIG. 29 is a top view of the fourth embodiment thereof;

FIG. 30 is a bottom view of the fourth embodiment thereof;

FIG. 31 is a right view of the fourth embodiment thereof;

FIG. 32 is a left view of the fourth embodiment thereof;

FIG. 33 is a rear view of the fourth embodiment thereof;

FIG. 34 is a front view of the fourth embodiment thereof;

and,

FIG. 35 is a cross section view taken along 35-35 in FIG. 29 of the fourth embodiment thereof.

1 Claim, 22 Drawing Sheets

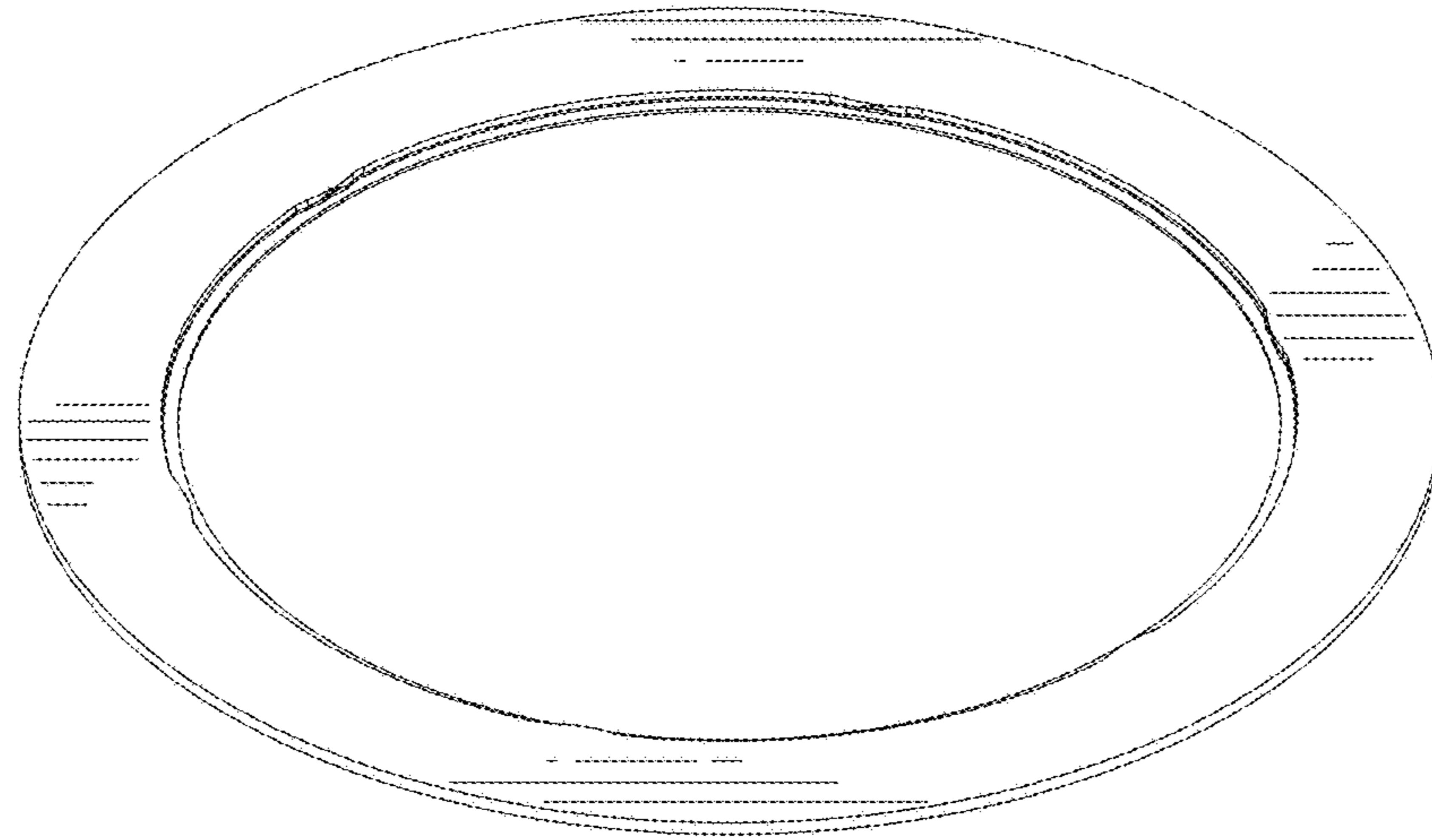


FIG. 1

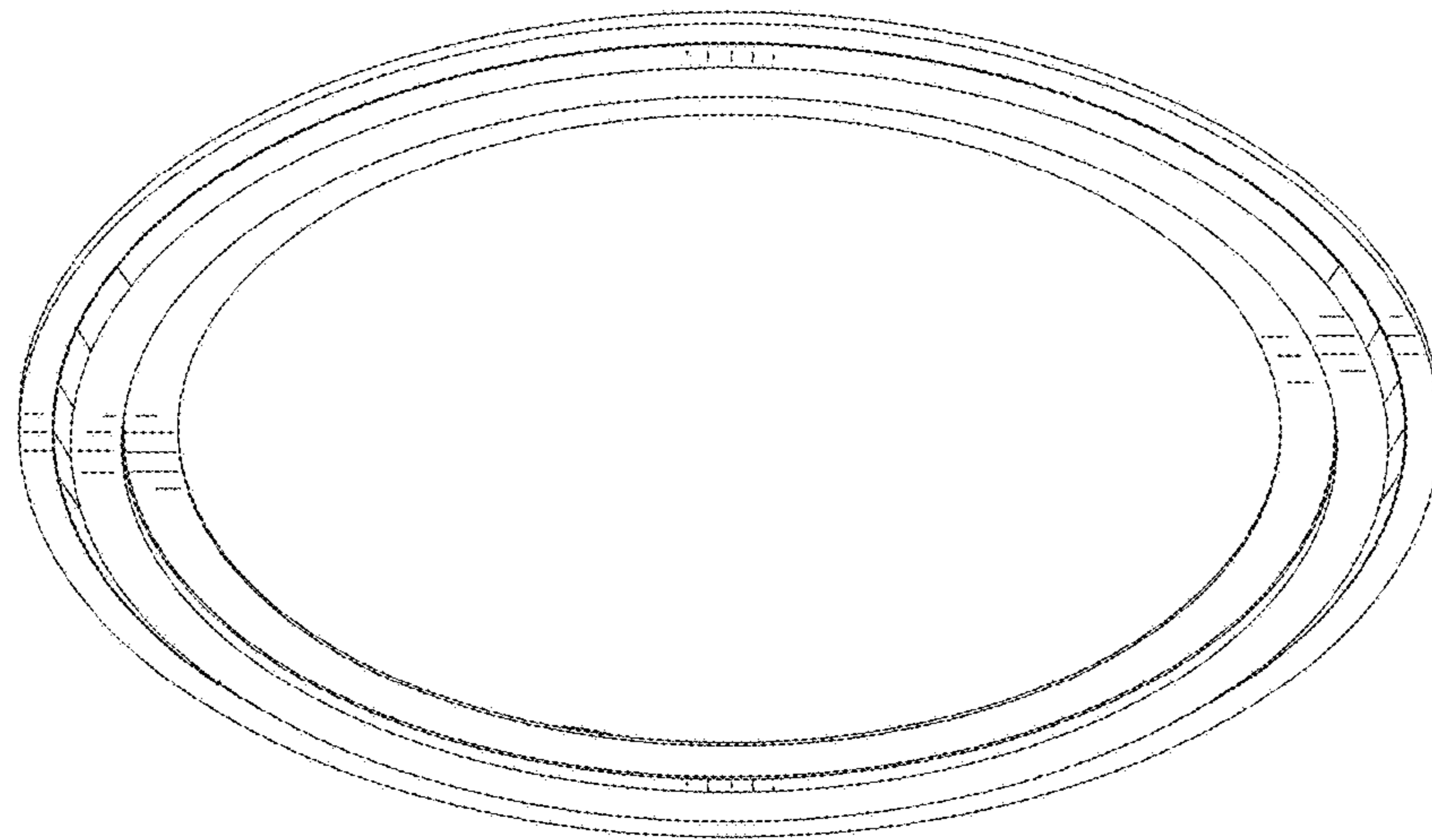


FIG. 2

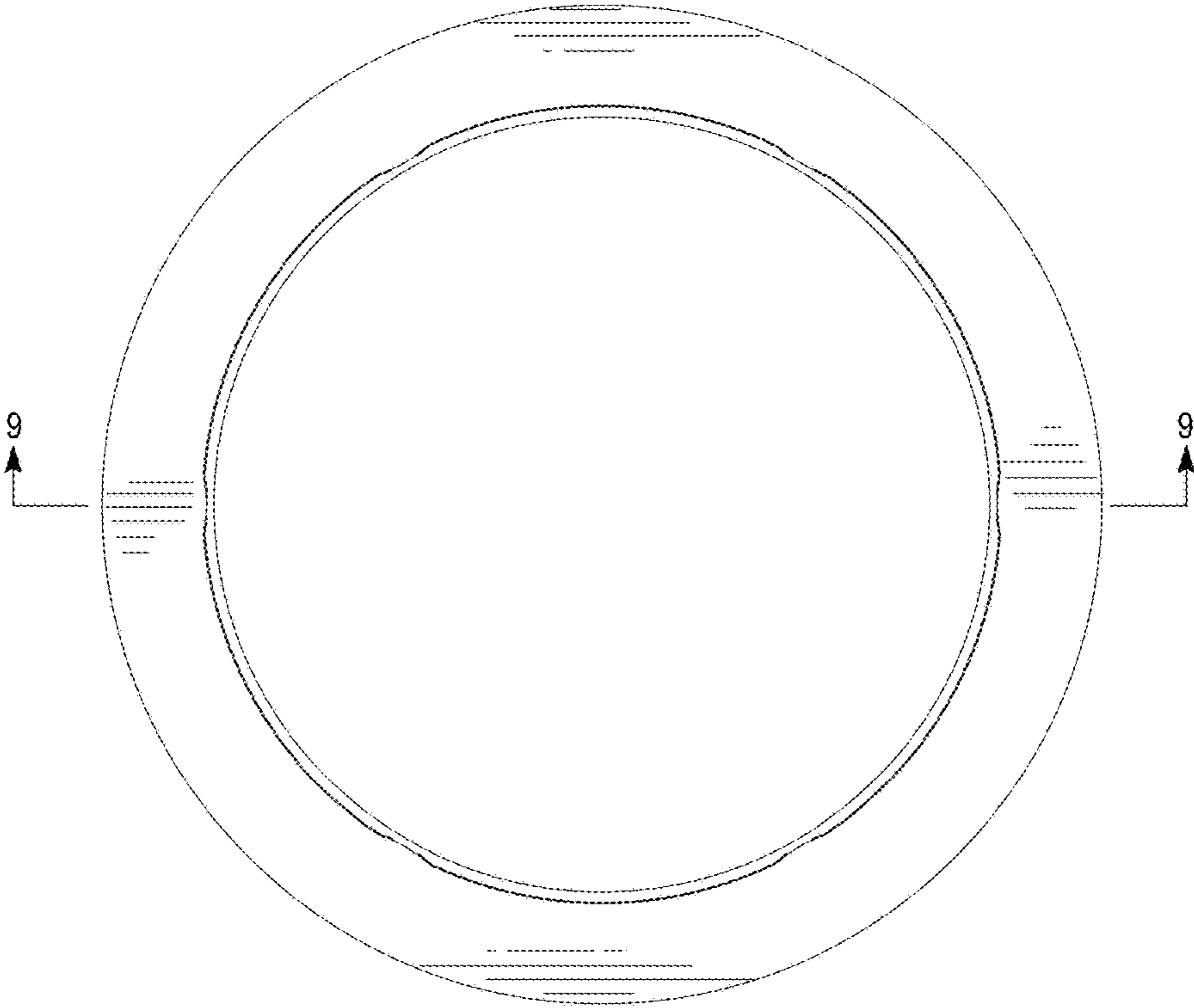


FIG. 3

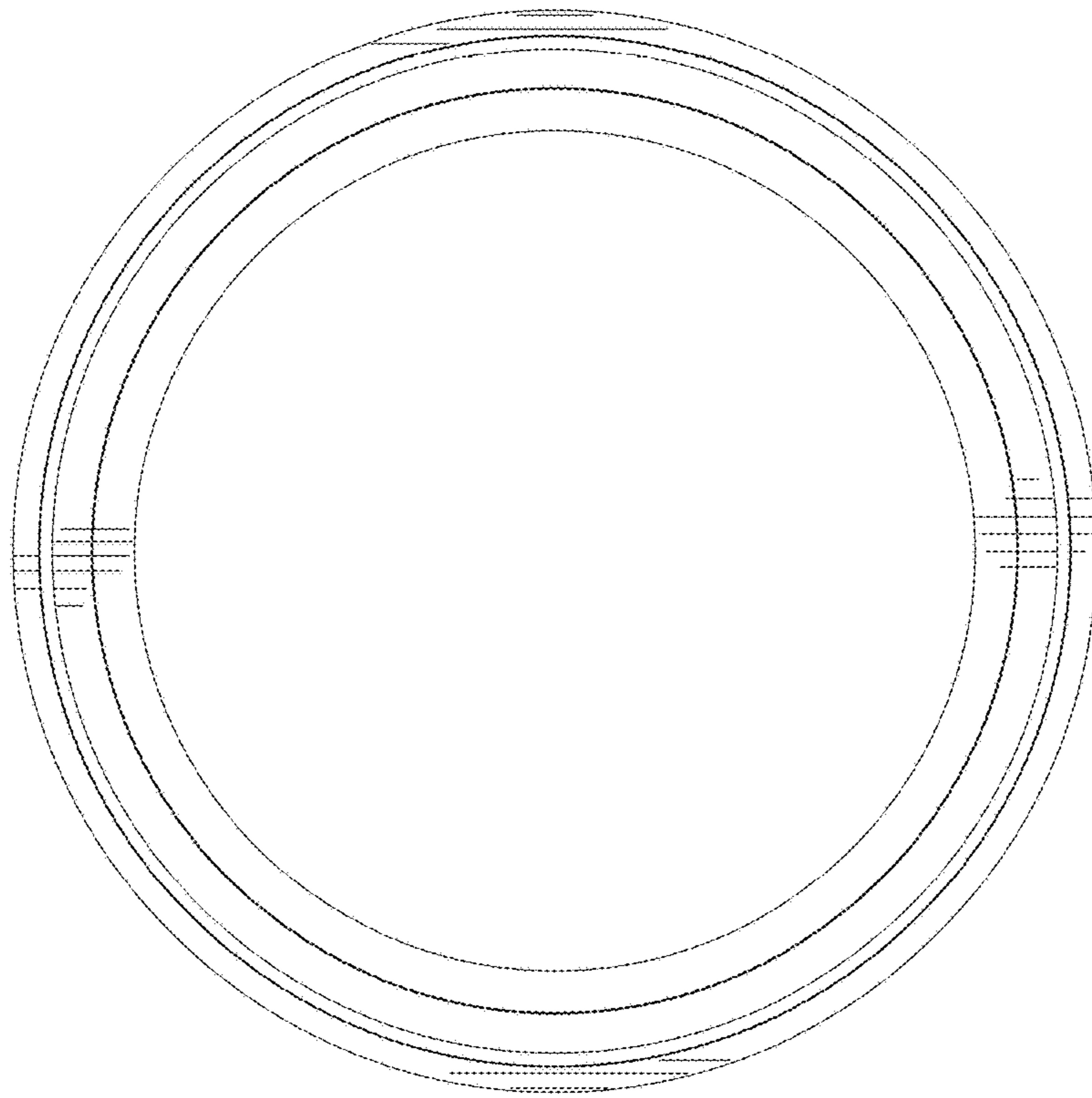


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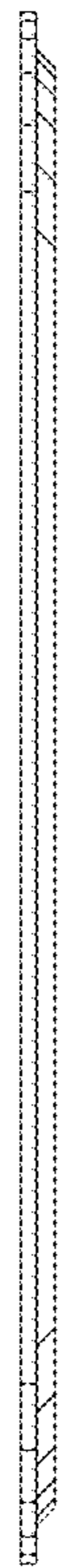


FIG. 5

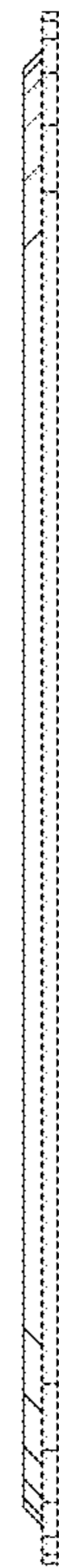


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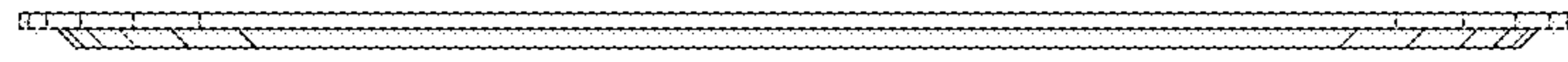


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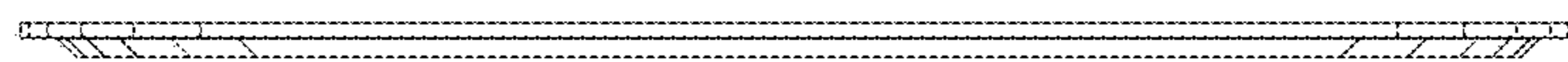


FIG. 8

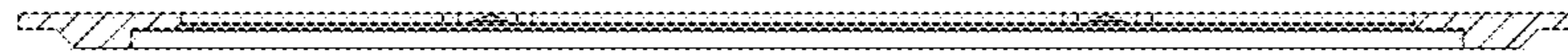


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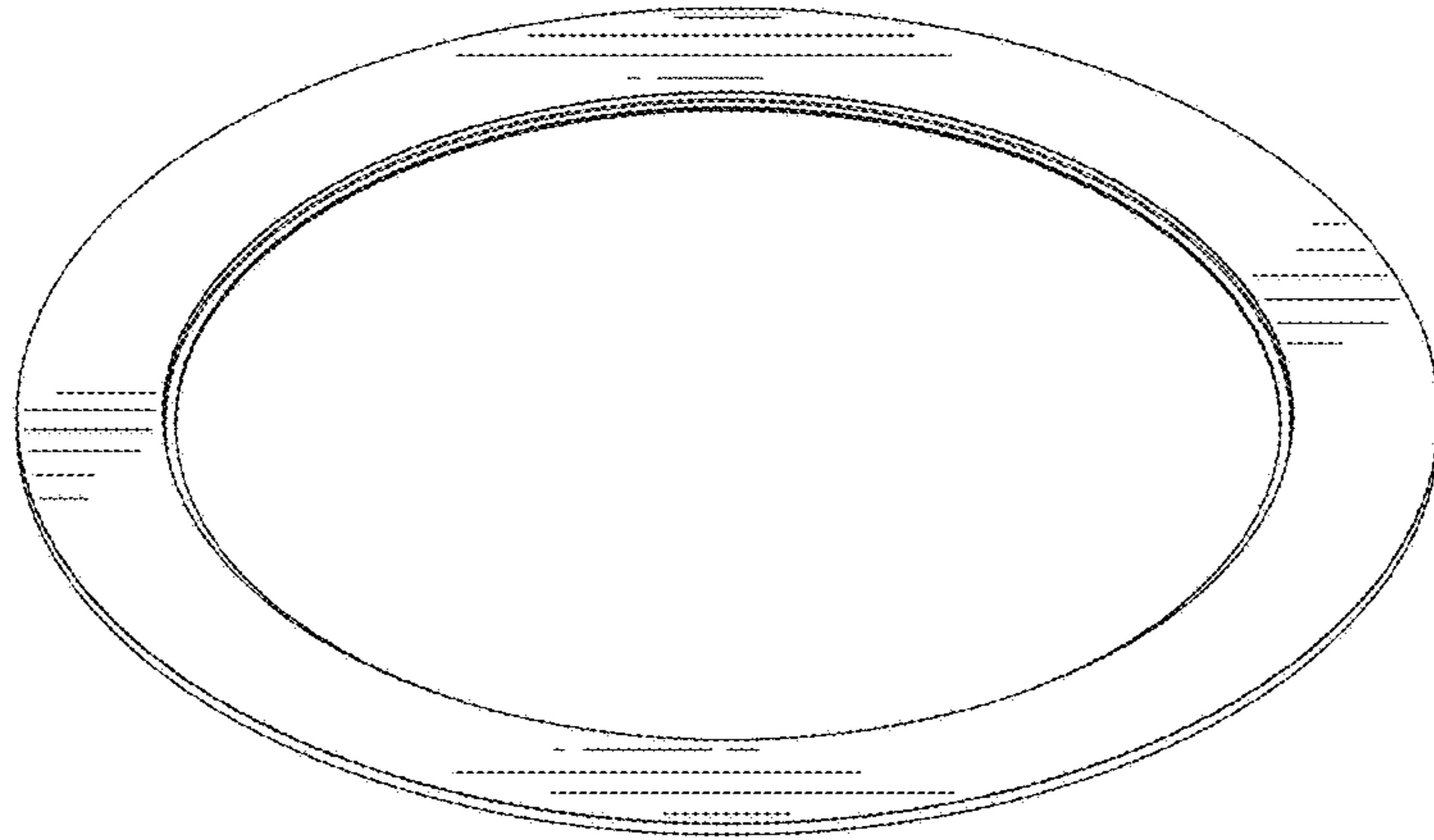


FIG. 10

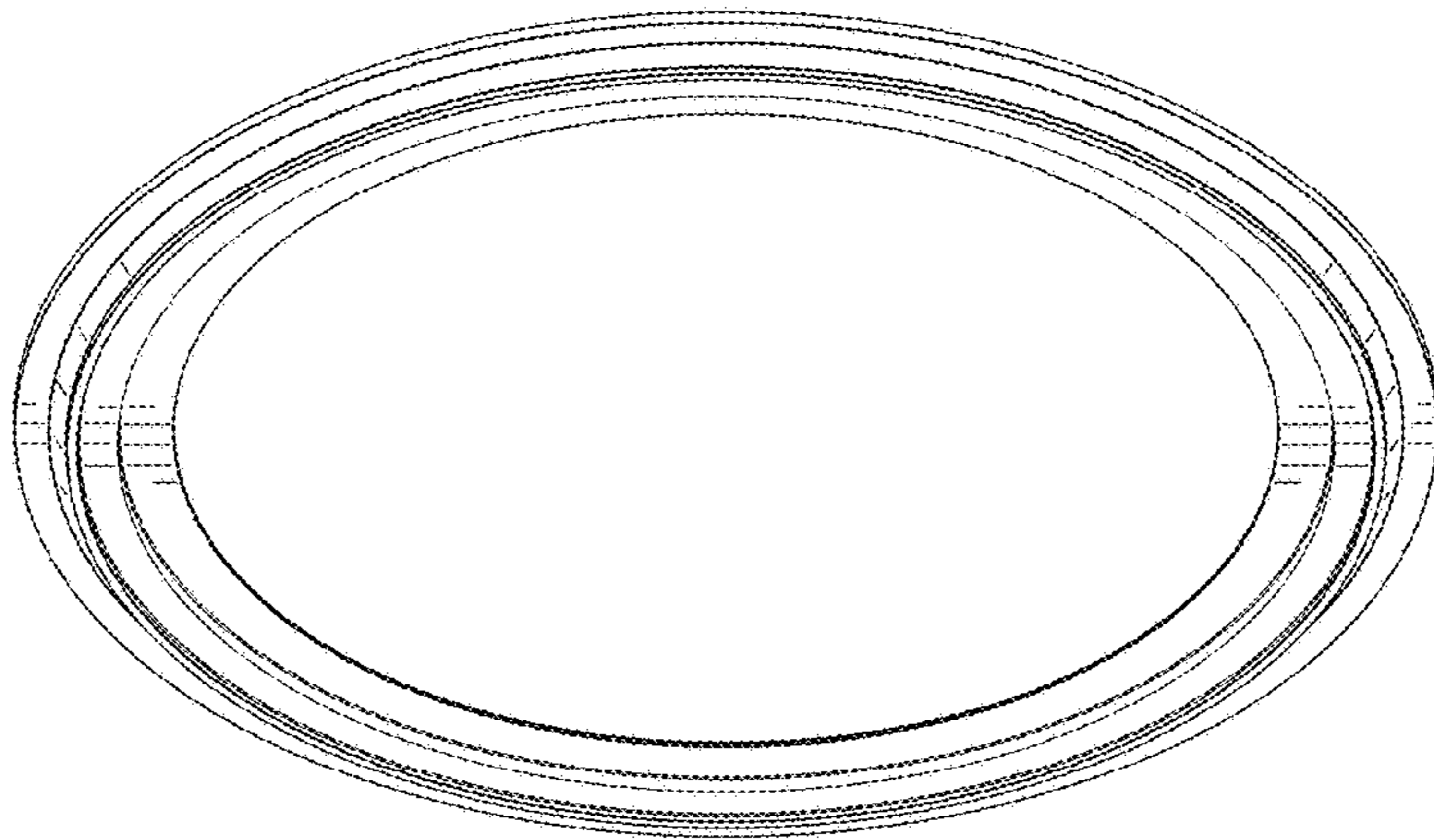


FIG. 11

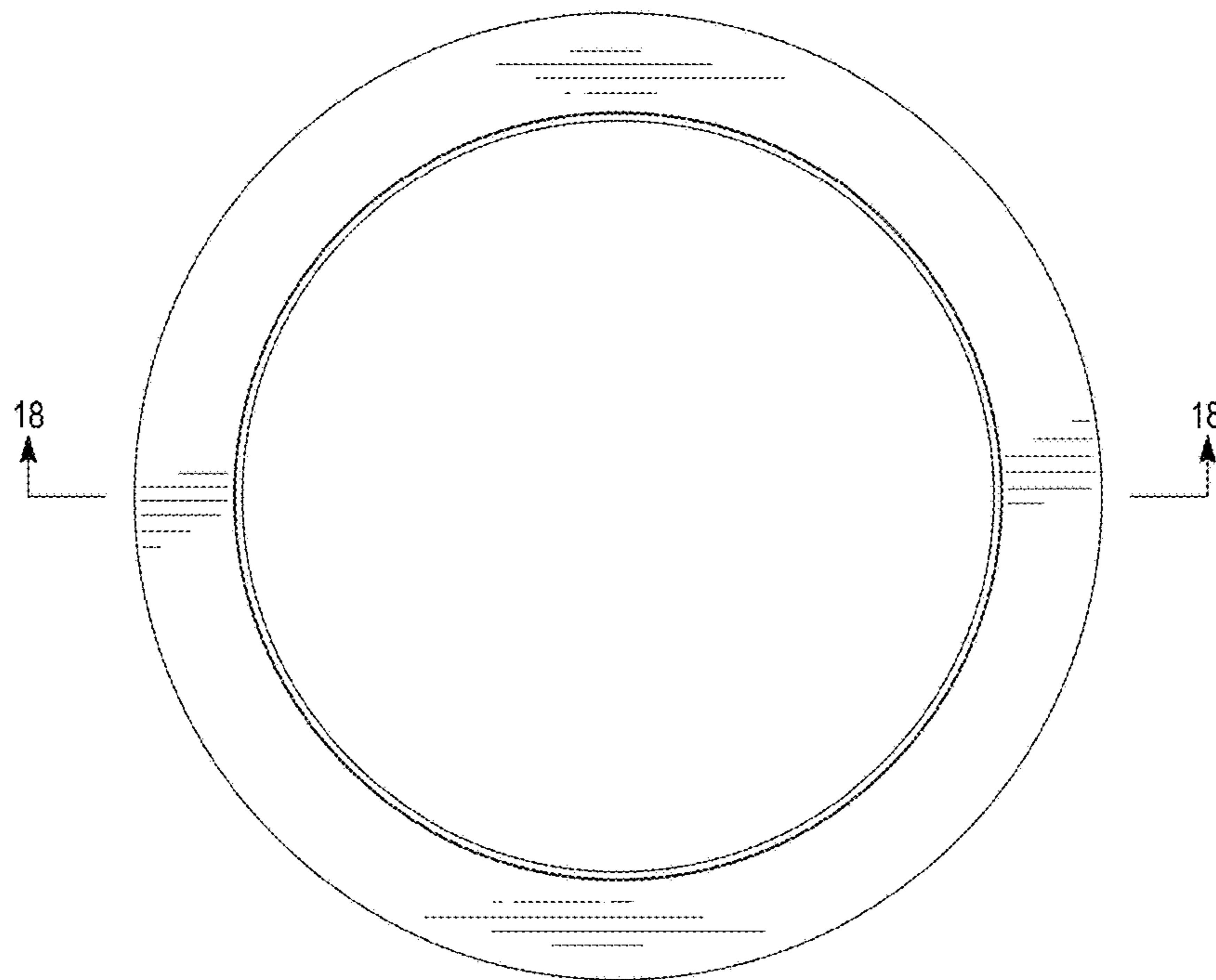


FIG. 12

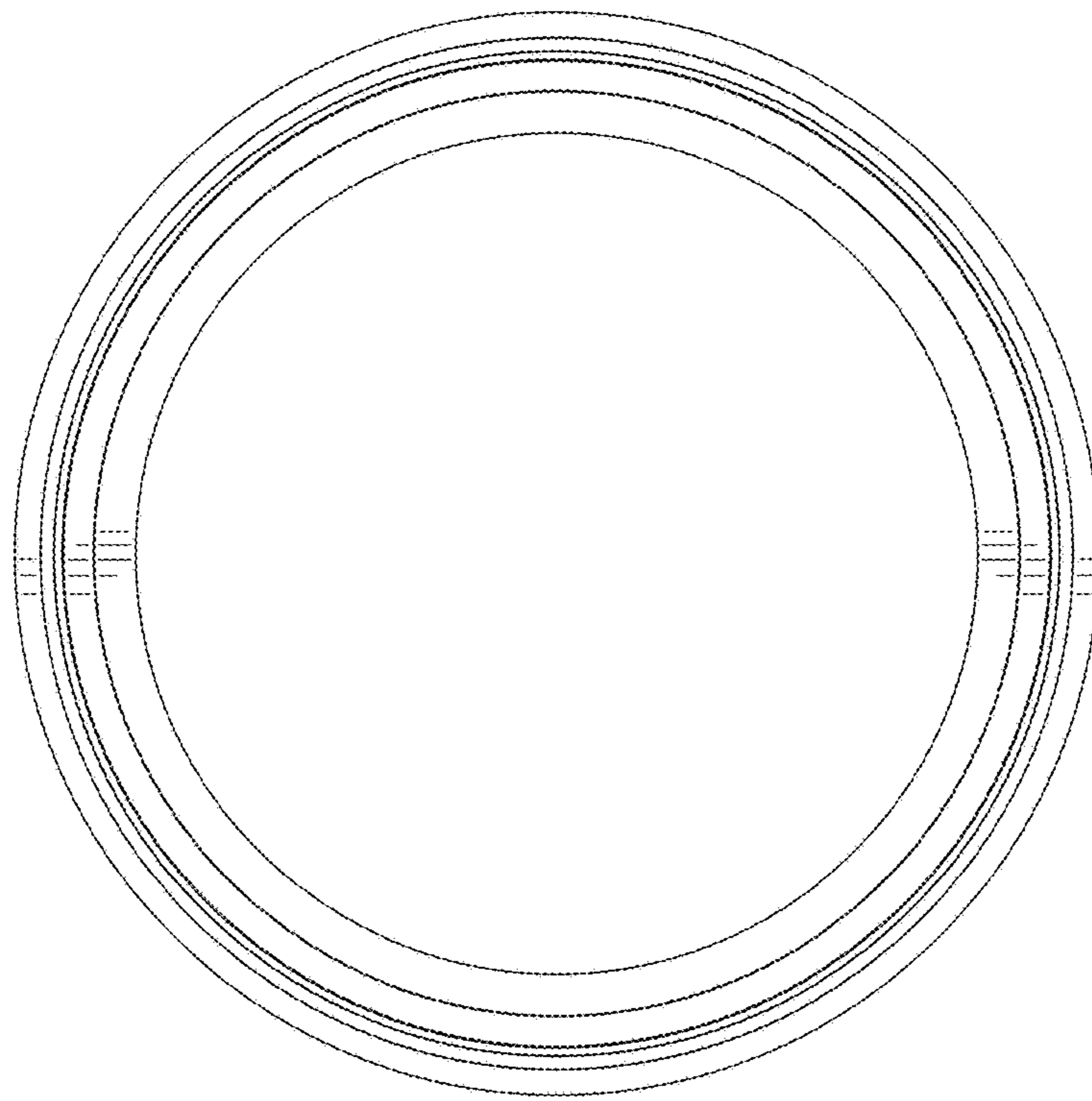


FIG. 13



FIG. 14

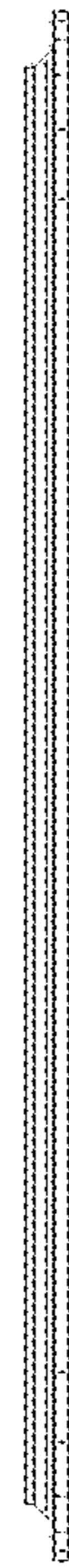


FIG. 15

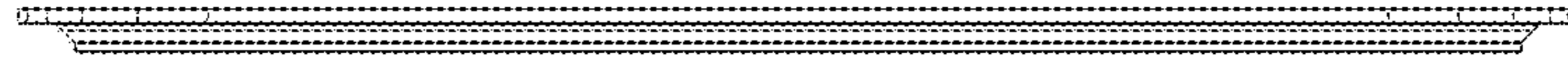


FIG. 16

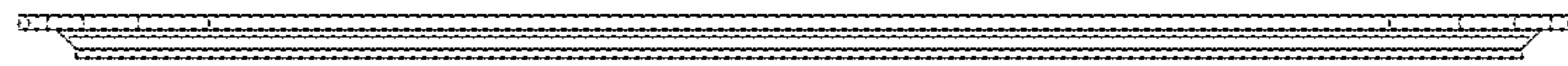


FIG. 17

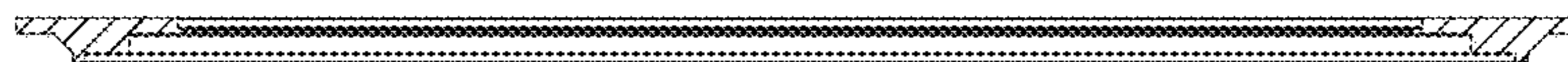


FIG. 18

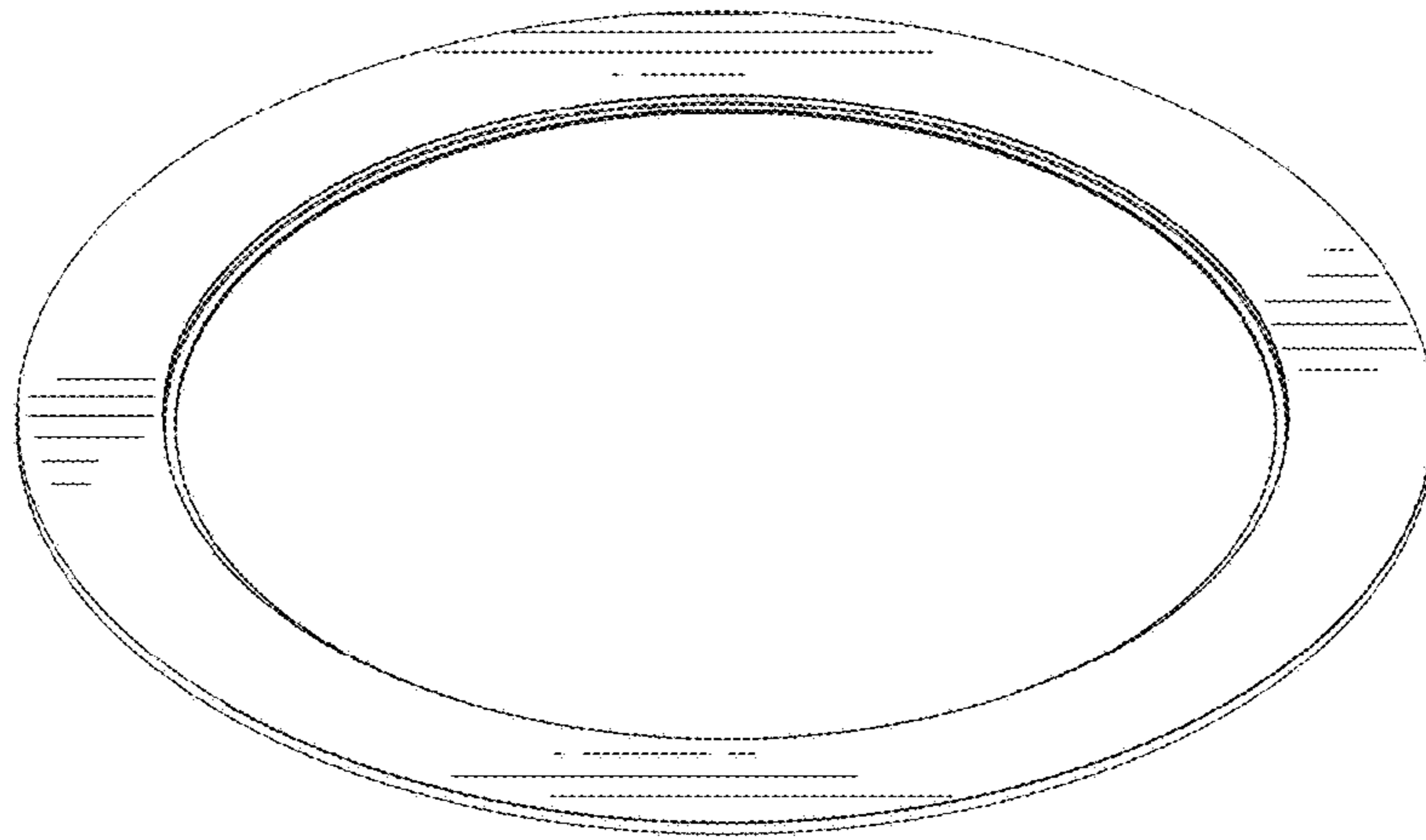


FIG. 19

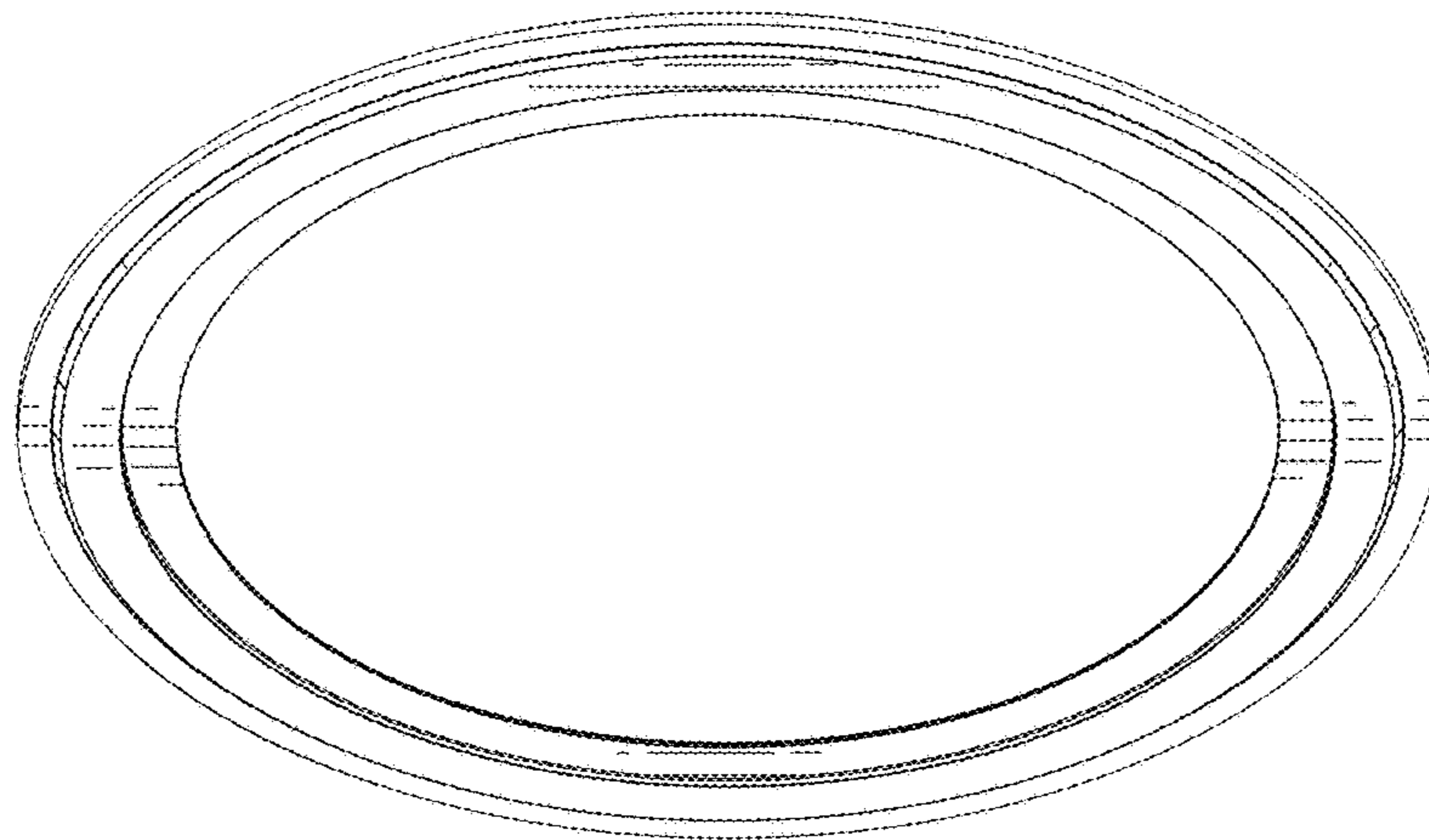


FIG. 20

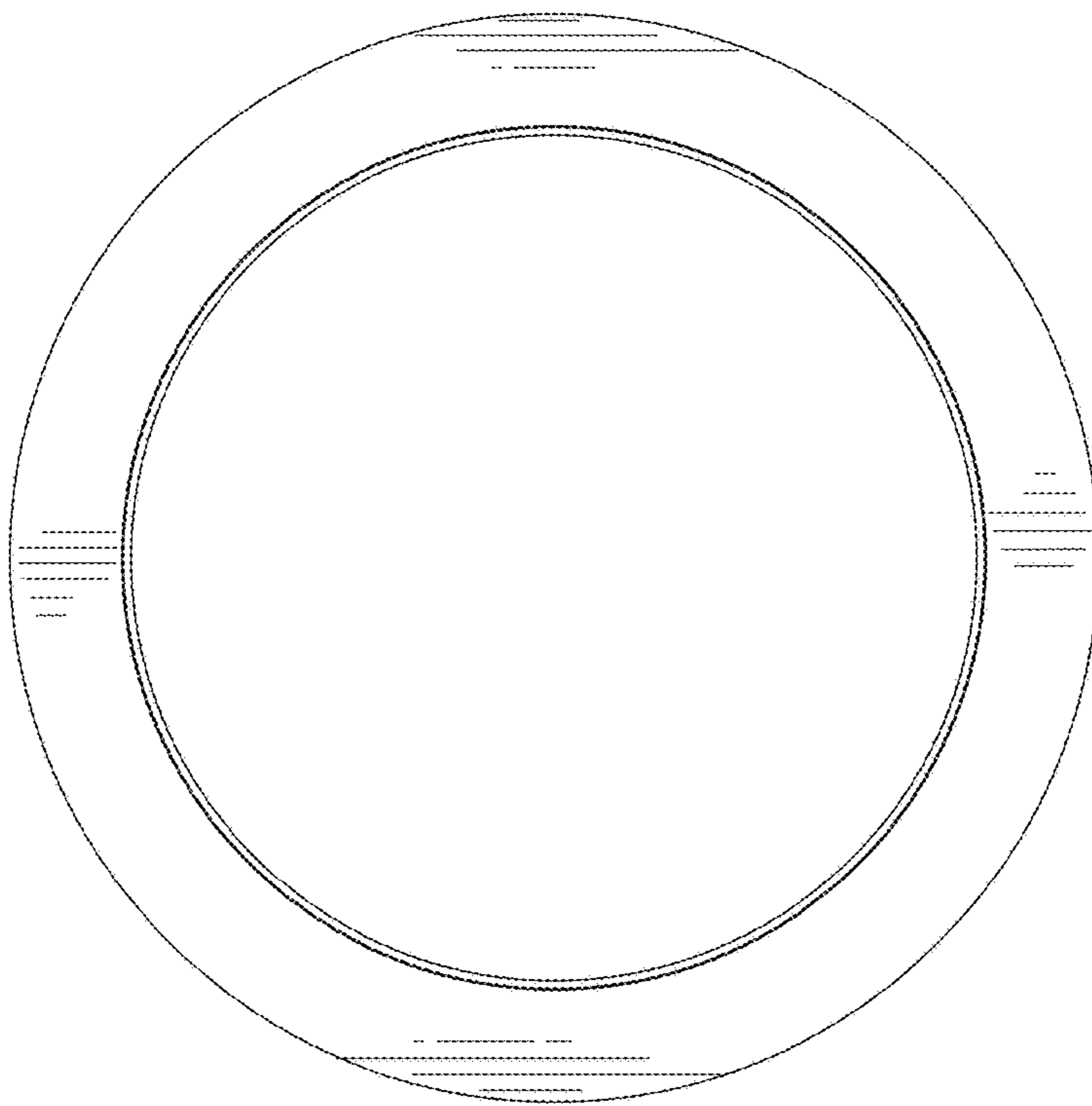


FIG. 21

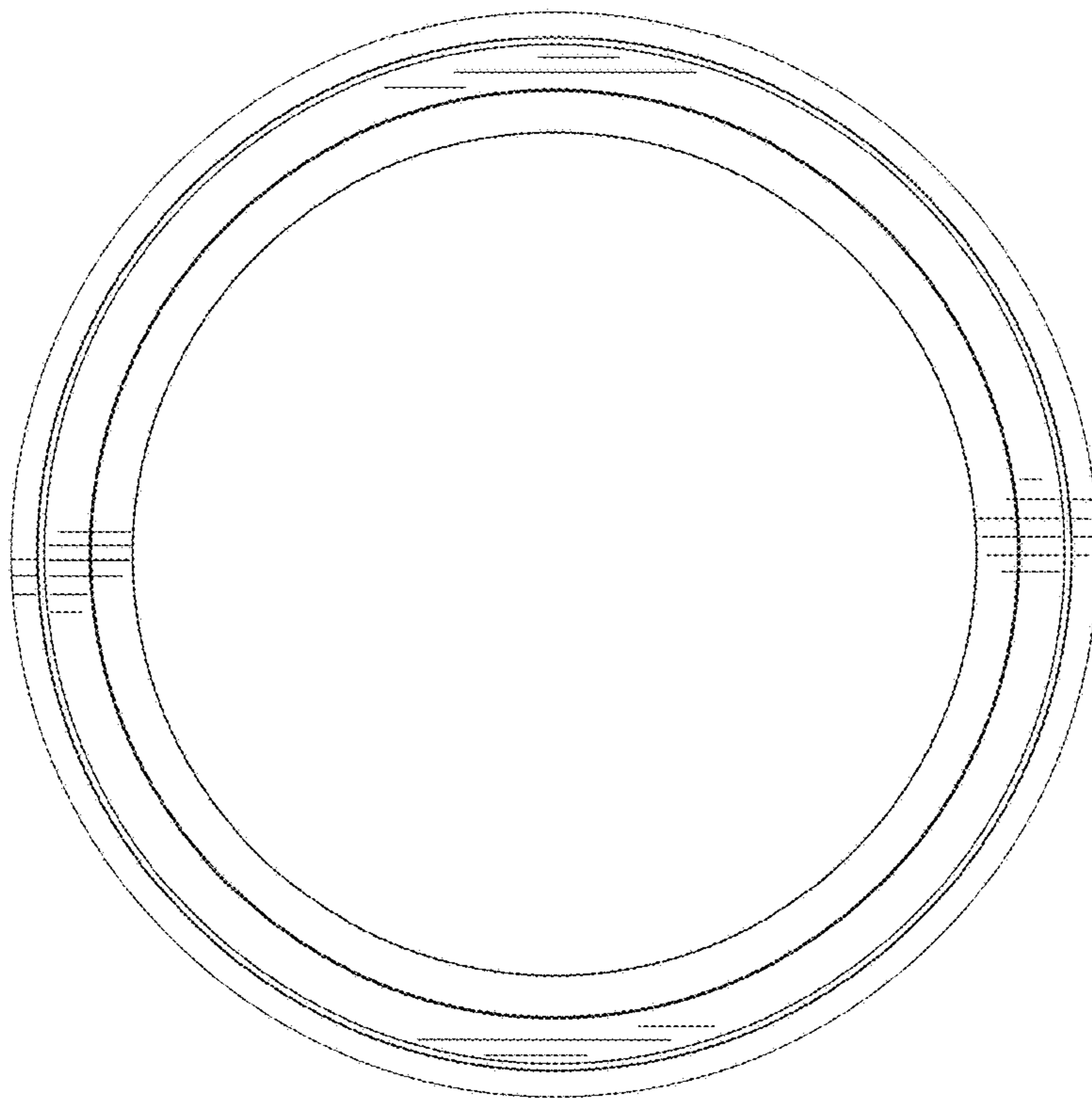


FIG. 22

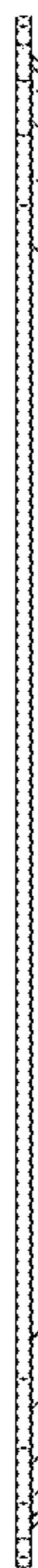


FIG. 23

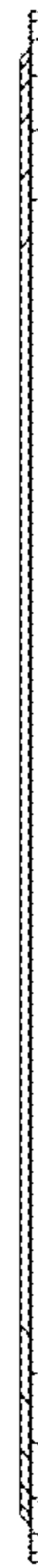


FIG. 24

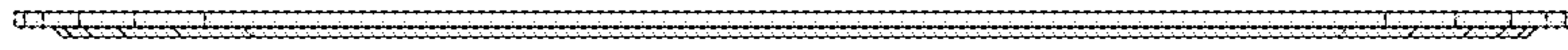


FIG. 25

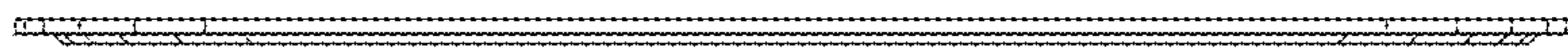


FIG. 26

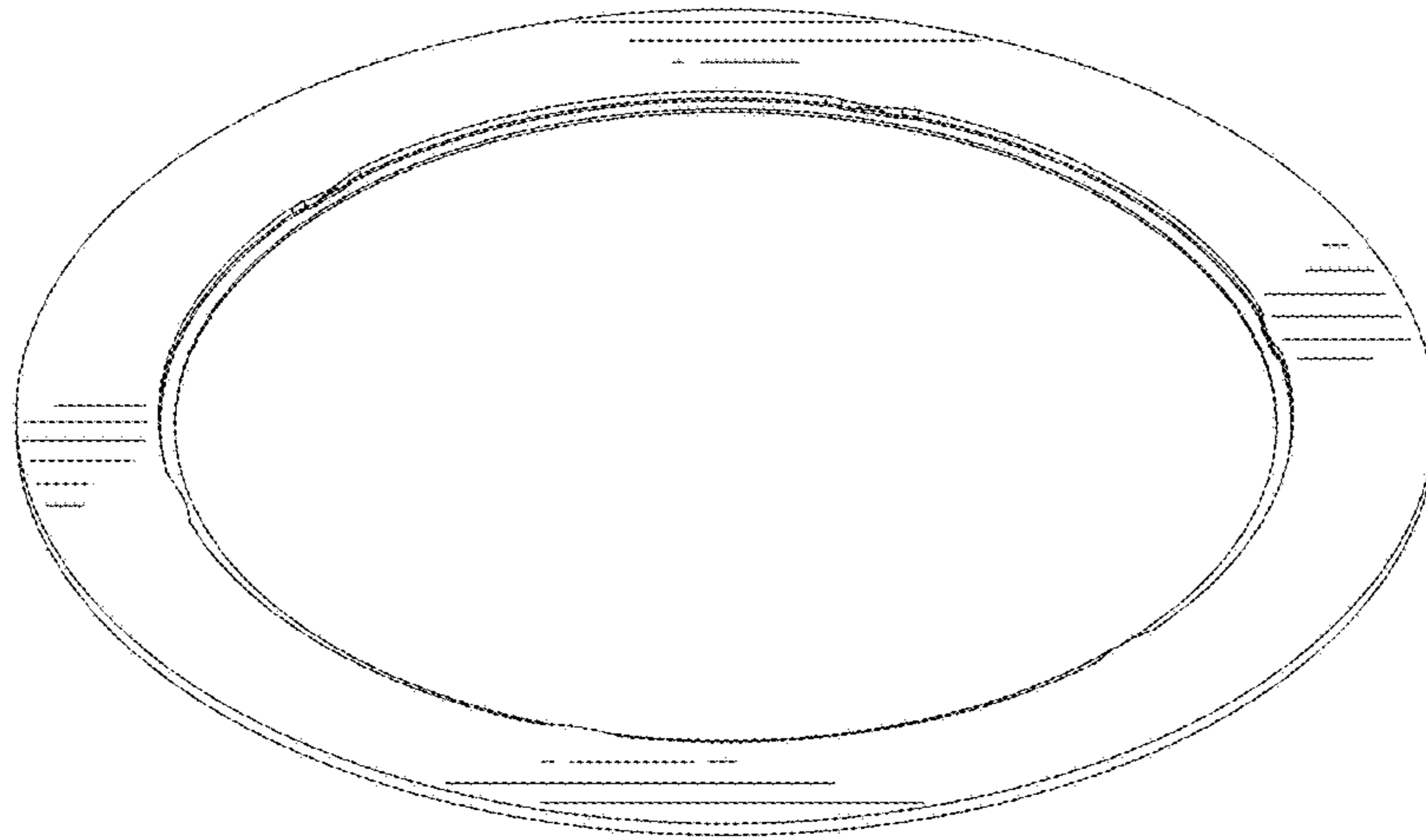


FIG. 27

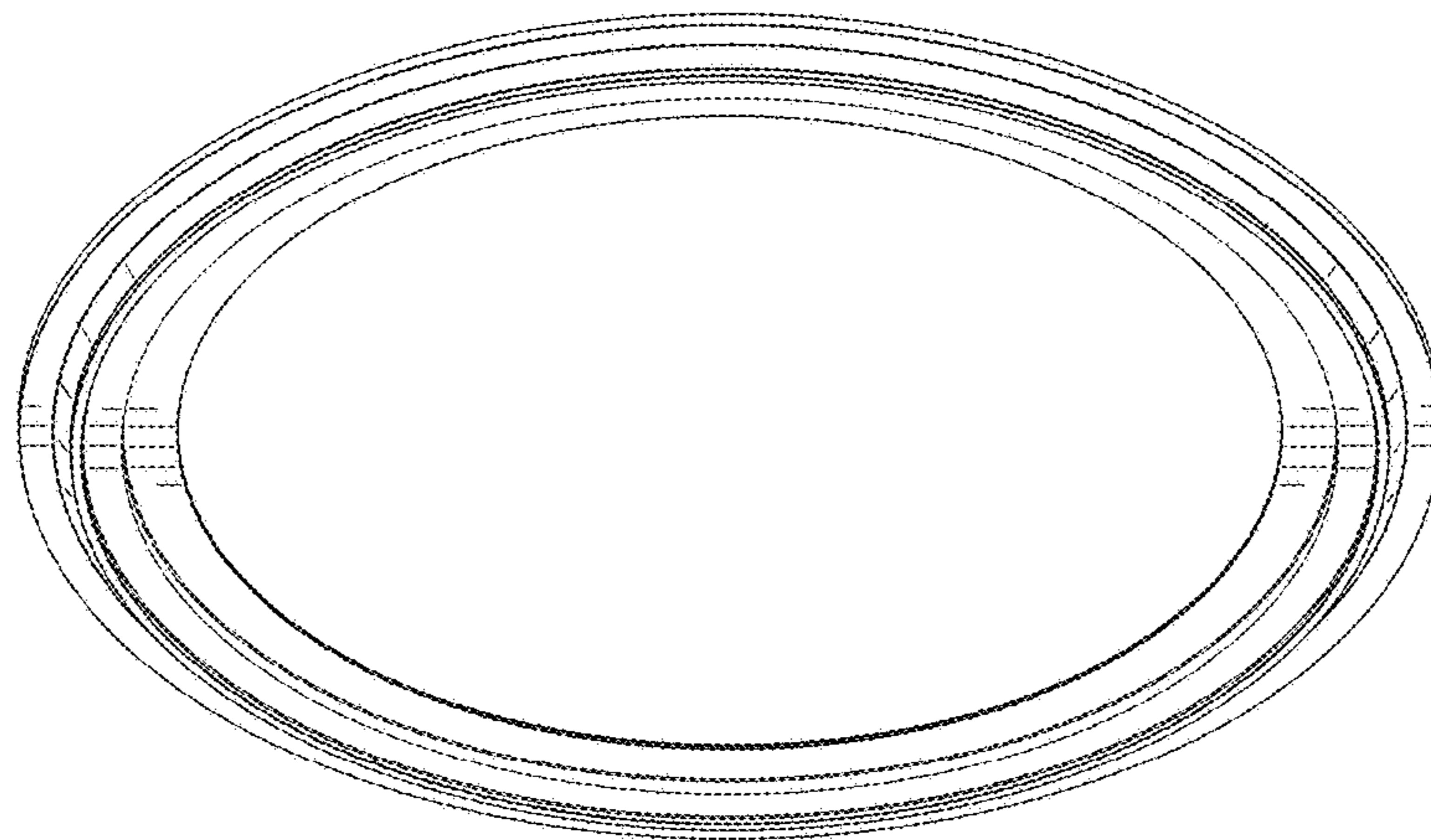


FIG. 28

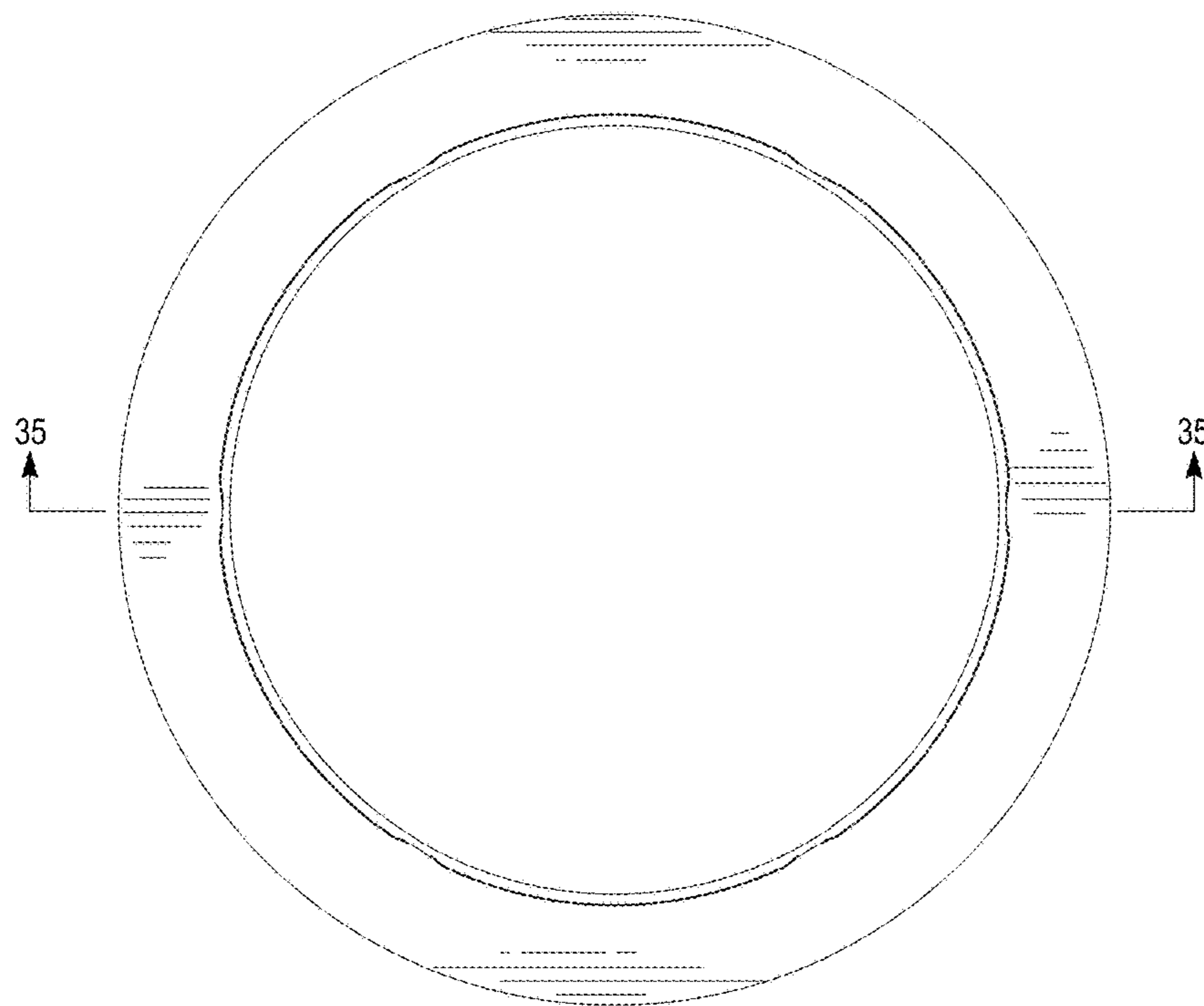


FIG. 29

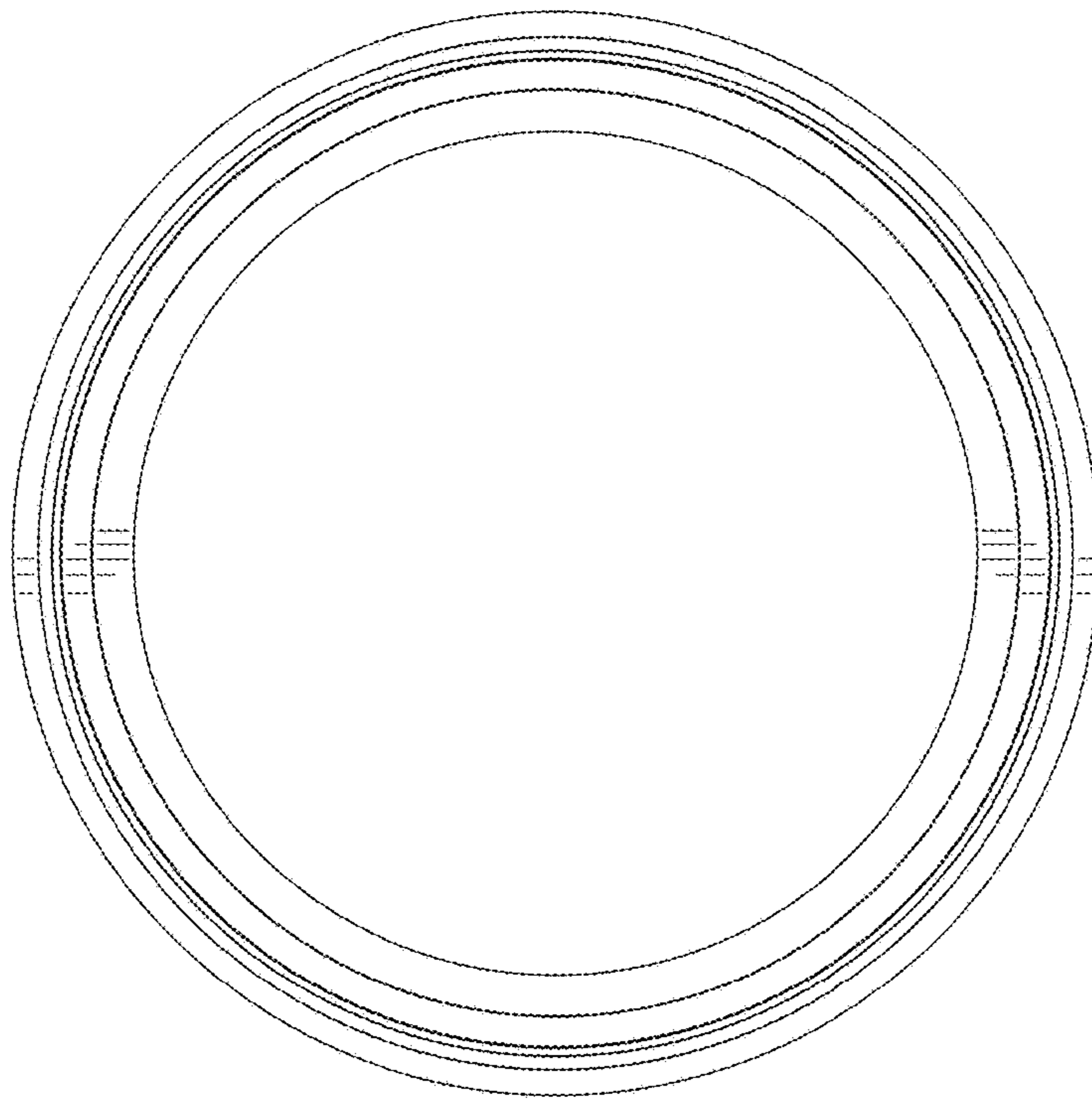


FIG. 30

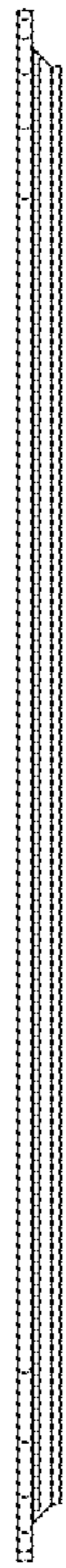


FIG. 31

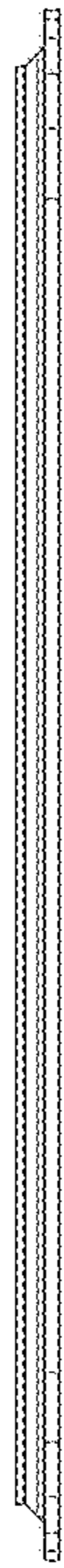


FIG. 32

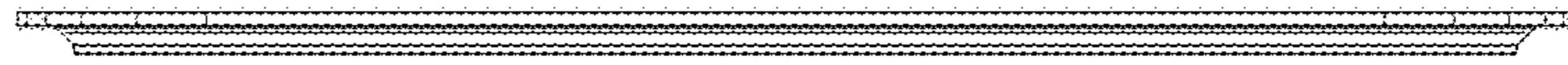


FIG. 33

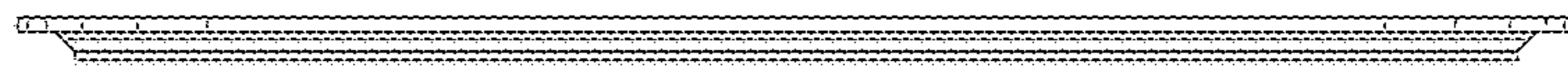


FIG. 34

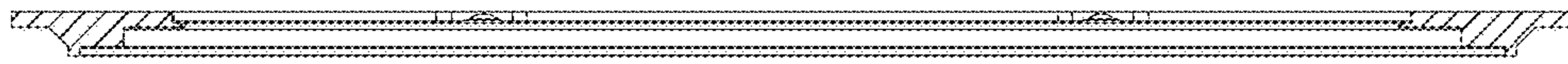


FIG. 35