



US00D890310S

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

(10) **Patent No.:** **US D890,310 S**
(45) **Date of Patent:** **** Jul. 14, 2020**

(54) **SEAL**

(71) Applicant: **NOK CORPORATION**, Tokyo (JP)

(72) Inventors: **Yusuke Yoshida**, Kitaibaraki (JP); **Koji Watanabe**, Kitaibaraki (JP)

(73) Assignee: **NOK CORPORATION**, Tokyo (JP)

(**) Term: **15 Years**

(21) Appl. No.: **29/658,588**

(22) Filed: **Aug. 1, 2018**

(30) **Foreign Application Priority Data**

Feb. 8, 2018 (JP) 2018-002537
Feb. 8, 2018 (JP) 2018-002538

(Continued)

(51) **LOC (12) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/269**

(58) **Field of Classification Search**
USPC D23/269, 262, 249, 259; D15/138-139,
D15/143; 277/316, 351-360, 504, 563,
(Continued)

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Primary Examiner — Amy C Wierenga

(74) *Attorney, Agent, or Firm* — Pearne & Gordon LLP

(57) **CLAIM**

The ornamental design for a seal, as shown and described.

DESCRIPTION

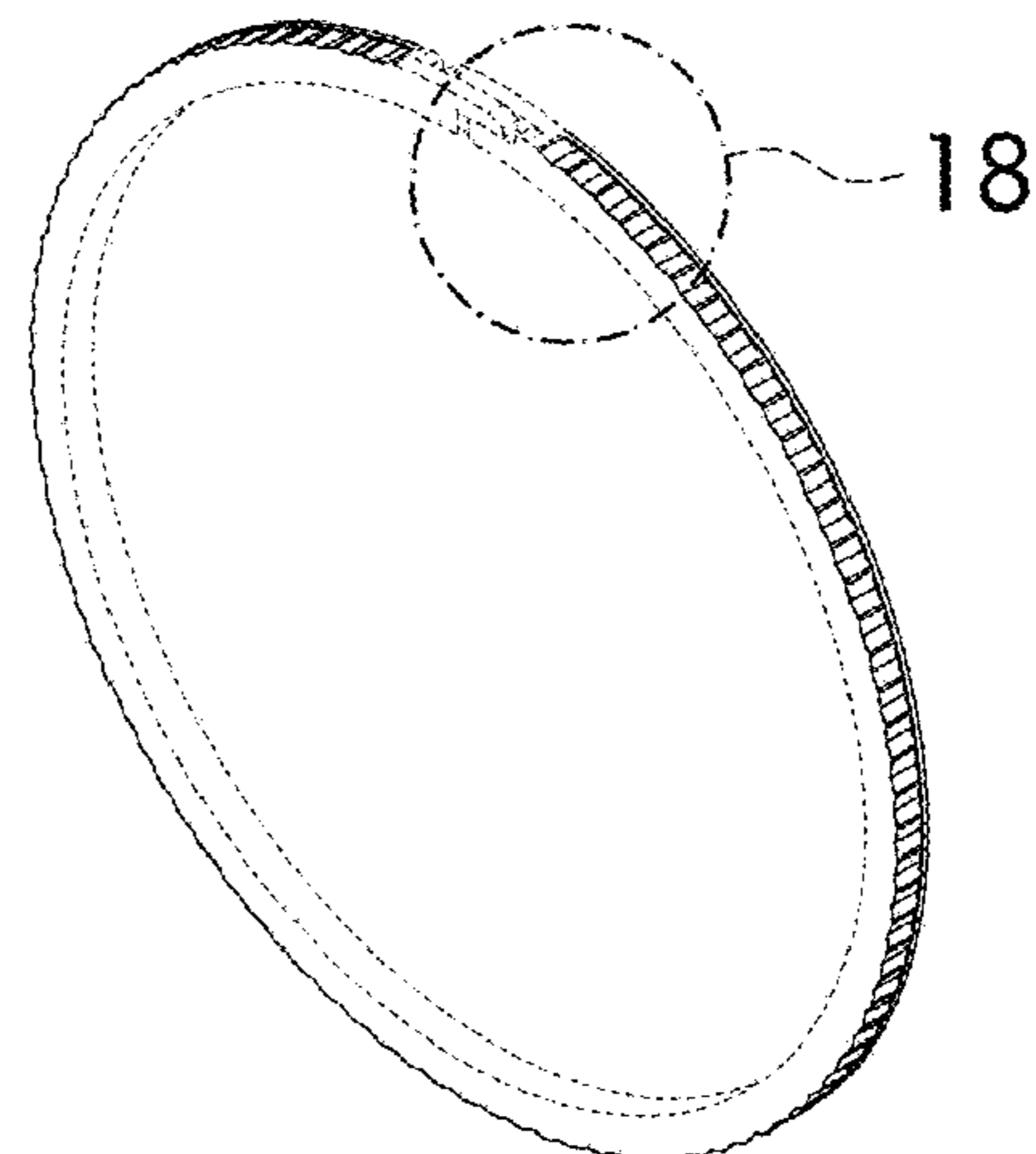
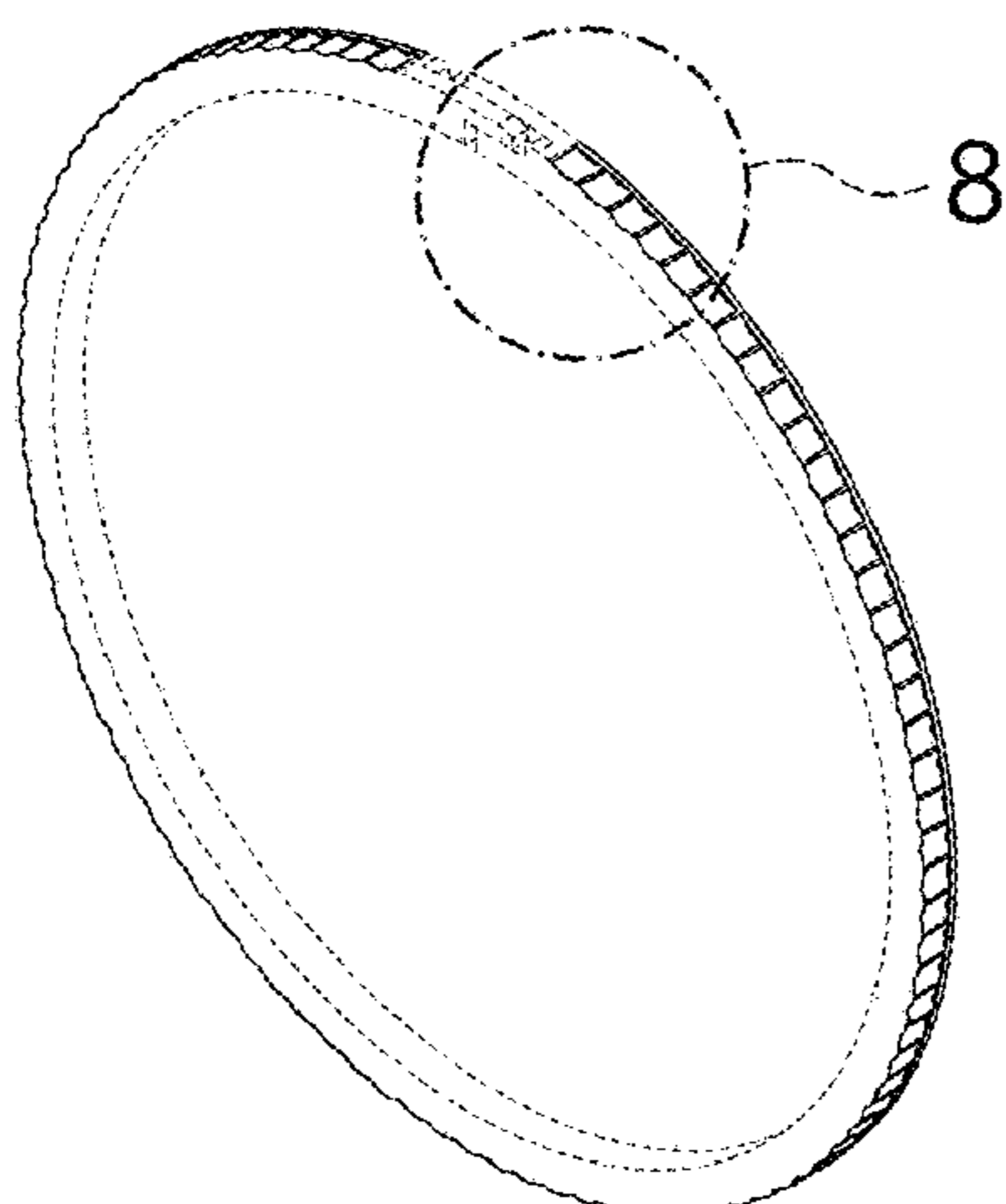
FIG. 1 is a perspective view of a first embodiment of a seal showing our new invention;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is an enlarged detail view of portion 8 of FIG. 1;
FIG. 9 is an enlarged detail view of portion 9 of FIG. 2; and
FIG. 10 is a cross-sectional view taken along line 10-10 of FIG. 2.

FIG. 11 is a perspective view of a second embodiment of a seal showing our new invention;
FIG. 12 is a front view thereof;
FIG. 13 is a rear view thereof;
FIG. 14 is a left side view thereof;
FIG. 15 is a right side view thereof;
FIG. 16 is a top view thereof;
FIG. 17 is a bottom view thereof;
FIG. 18 is an enlarged detail view of portion 18 of FIG. 11;
FIG. 19 is an enlarged detail view of portion 19 of FIG. 12;
and
FIG. 20 is a cross-sectional view taken along the line 20-20 of FIG. 12.

FIG. 21 is a perspective view of a third embodiment of a seal showing our new invention;
FIG. 22 is a front view thereof;
FIG. 23 is a rear view thereof;
FIG. 24 is a left side view thereof;
FIG. 25 is a right side view thereof;
FIG. 26 is a top view thereof;
FIG. 27 is a bottom view thereof;
FIG. 28 is an enlarged detail view of portion 28 of FIG. 21;
FIG. 29 is an enlarged detail view of portion 29 of FIG. 22;
and,
FIG. 30 is a cross-sectional view taken along the line 30-30 of FIG. 30.

The dash-dot-dash broken lines in the drawings are for the purpose of illustrating the claim boundaries and form no part of the claim. The evenly dashed broken lines depict portions of the seal that form no part of the claim. The dot dash

(Continued)



broken line shown in enlarged detailed portion views FIGS. 8, 9, 18, 19, 28, and 29 indicates cutoff boundaries and form no part of the claim.

1 Claim, 15 Drawing Sheets

(30) **Foreign Application Priority Data**

Feb. 8, 2018 (JP) 2018-002539
Feb. 8, 2018 (JP) 2018-002540
Feb. 8, 2018 (JP) 2018-002541

(58) **Field of Classification Search**

USPC 277/572, 364-365, 394, 397, 406-407,
277/418, 449, 451-454, 458-460, 491,
277/517, 529, 602, 610, 612, 641-642,
277/644, 648; 285/339, 343
CPC E04D 13/14; F16J 7/00
See application file for complete search history.

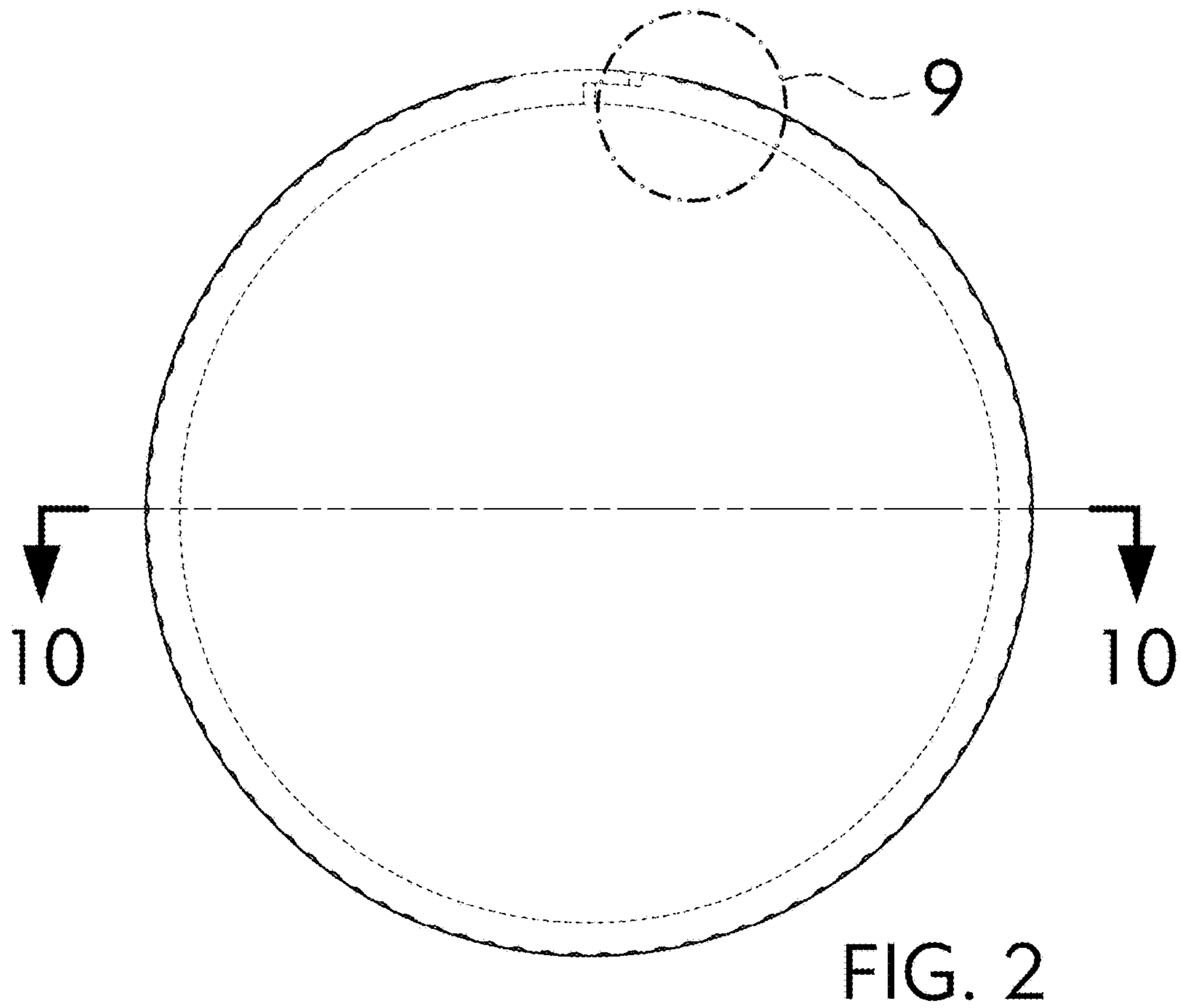
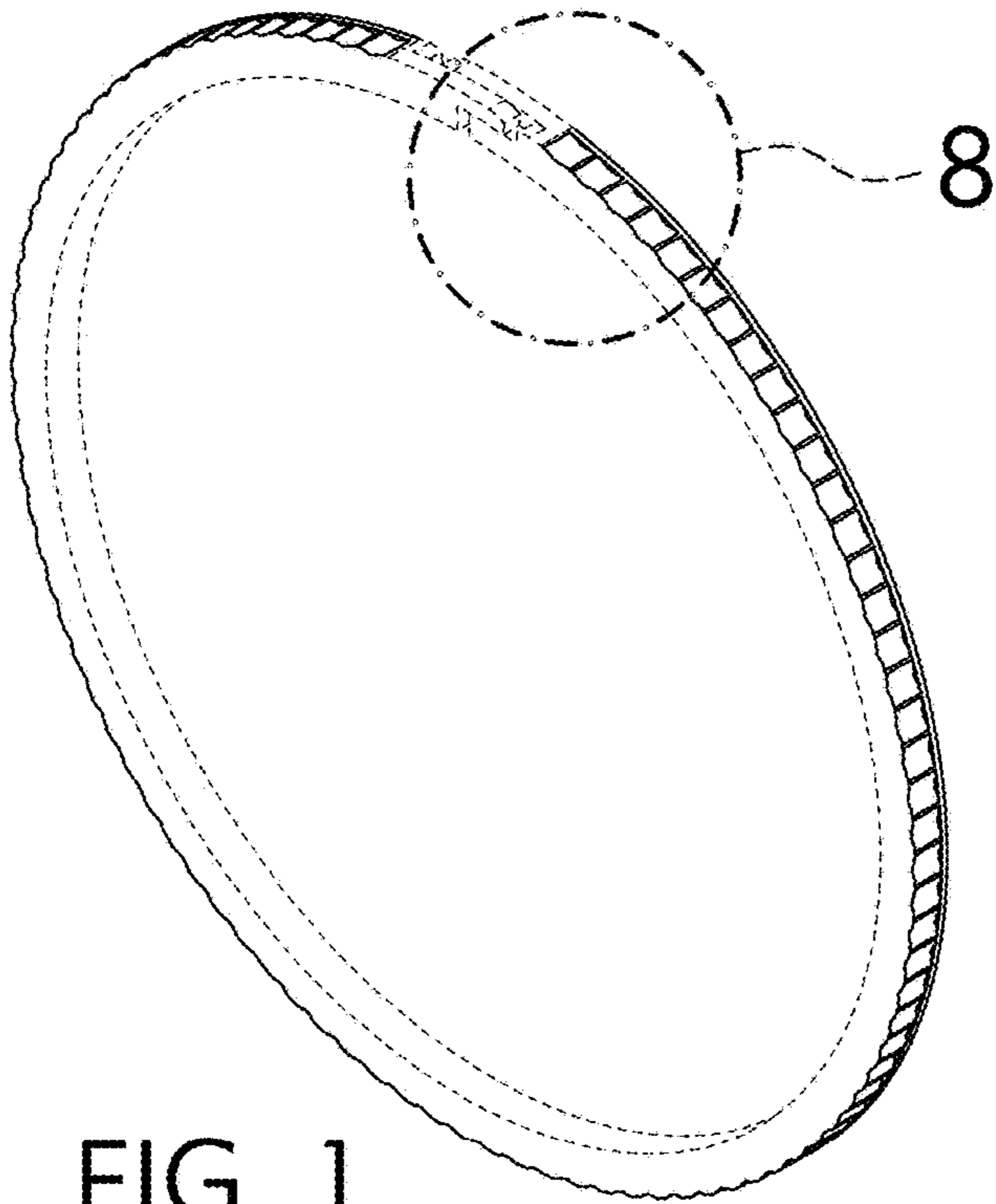
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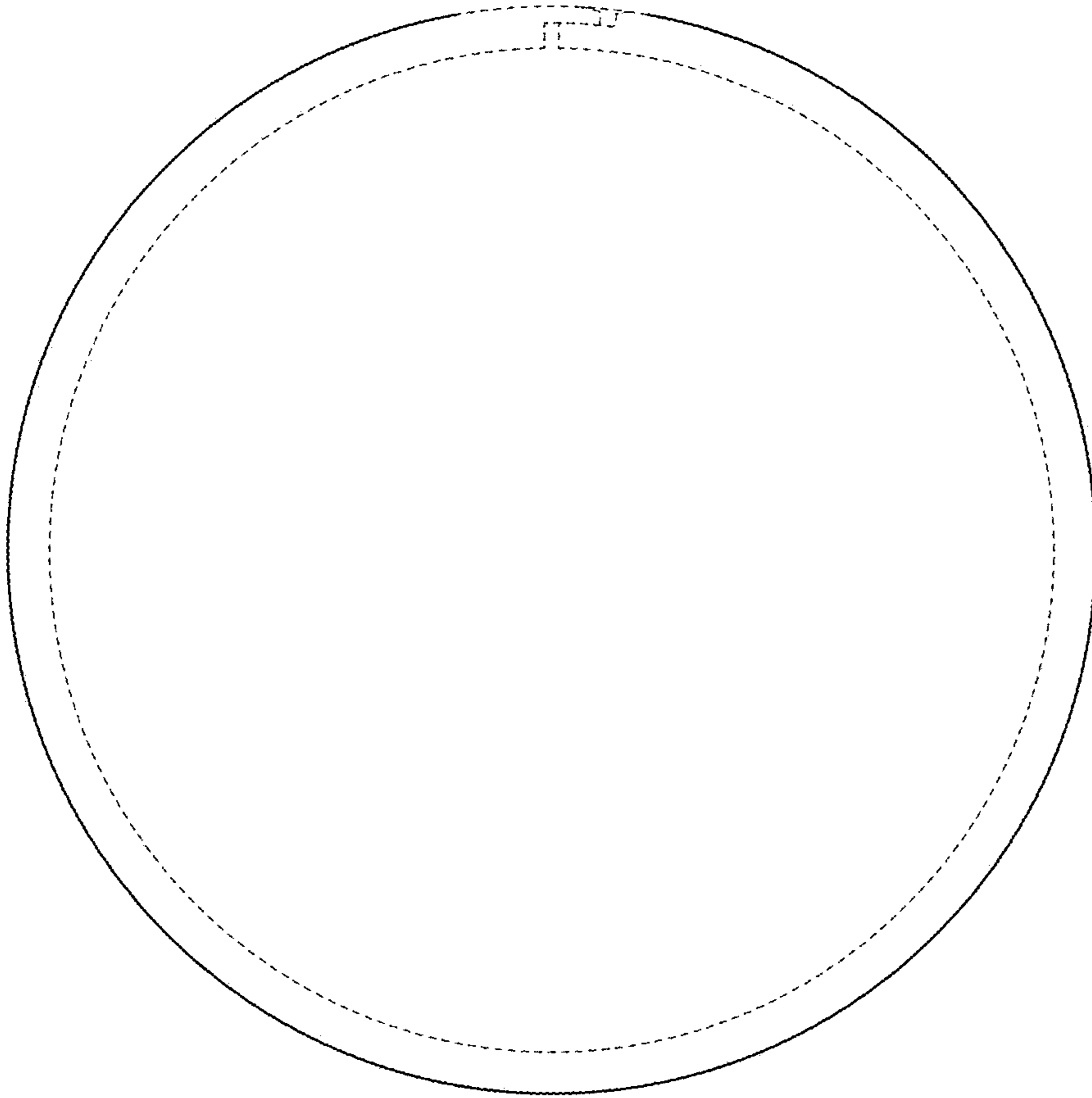


FIG. 3



FIG. 4



FIG. 5

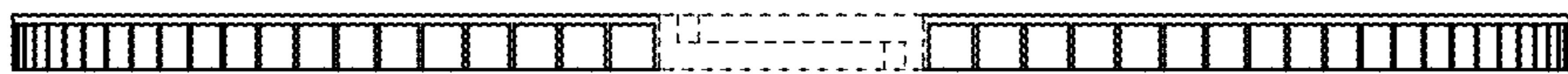


FIG. 6



FIG. 7

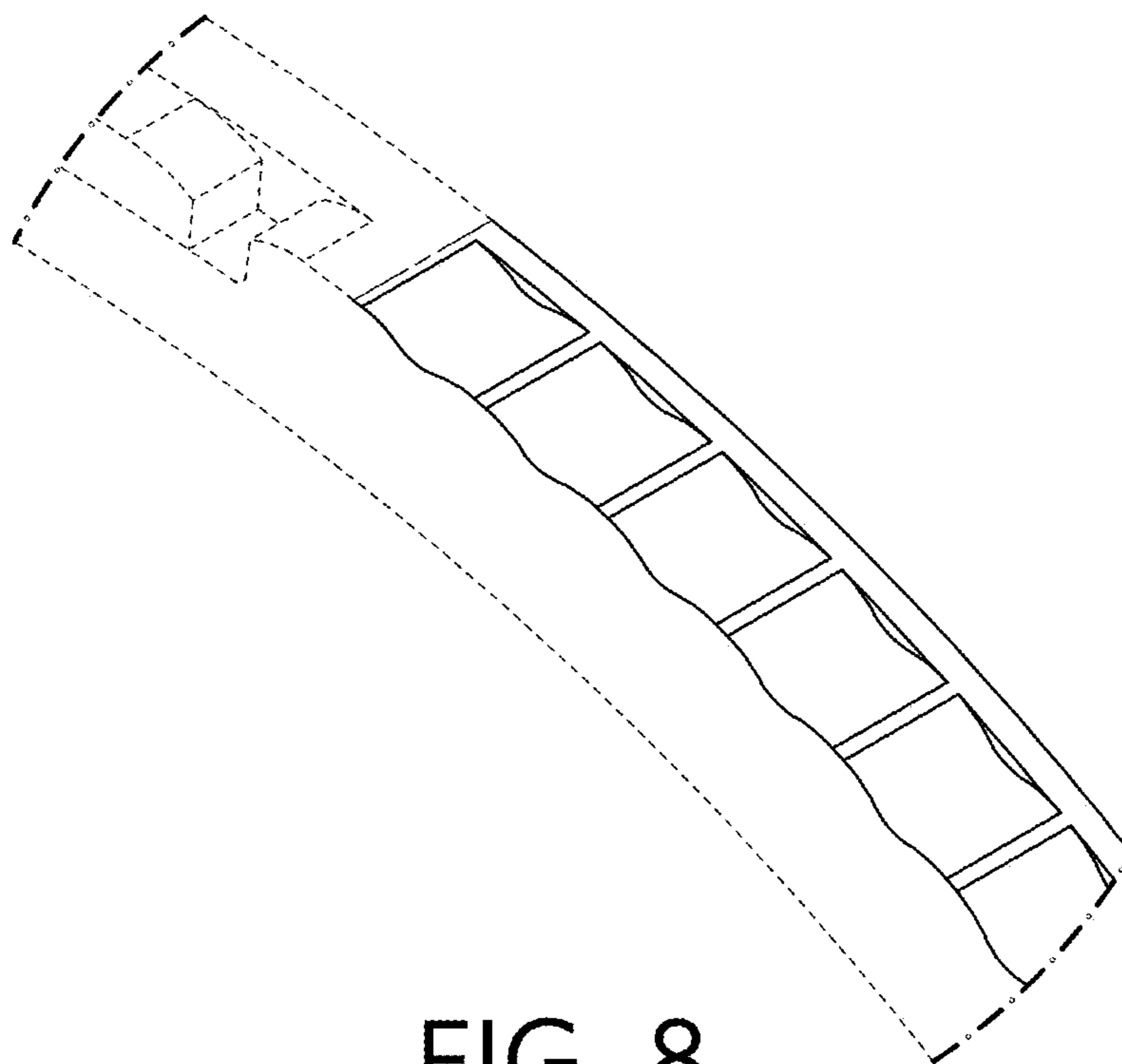


FIG. 8

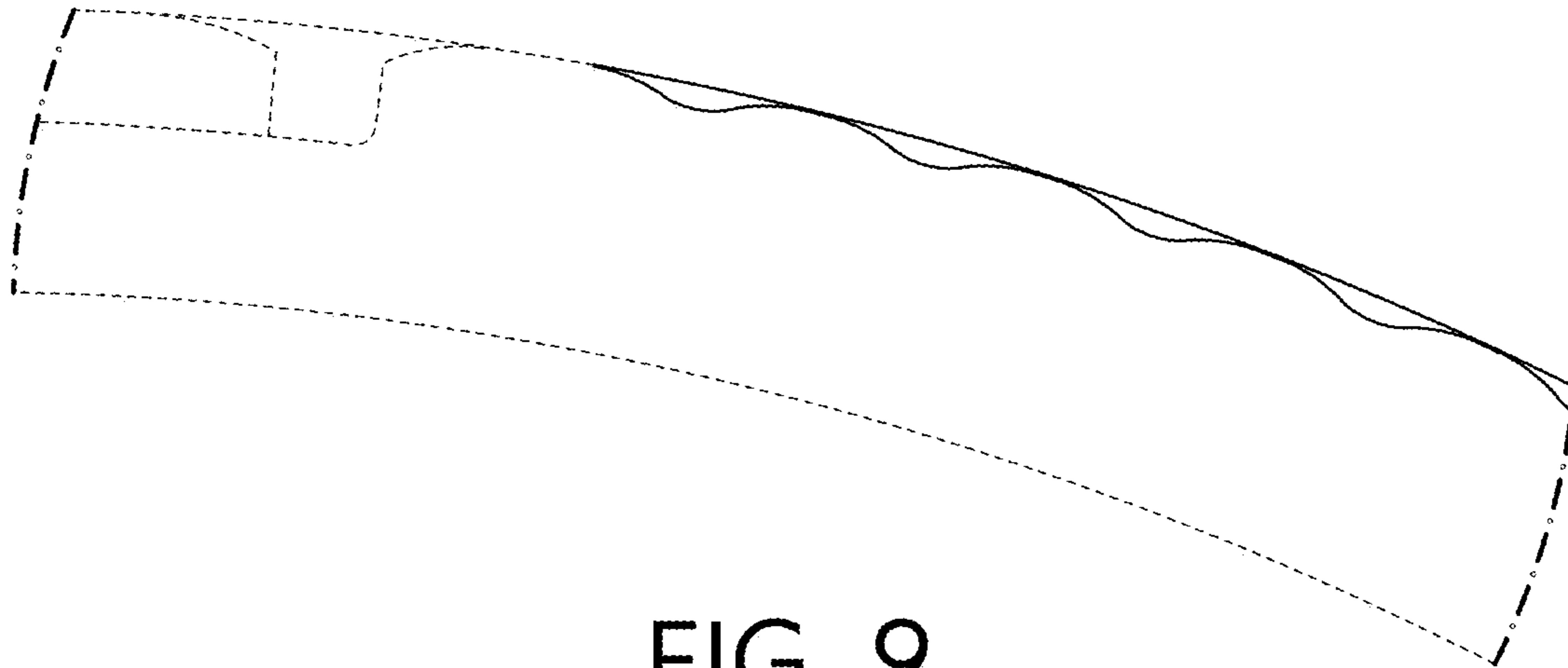


FIG. 9

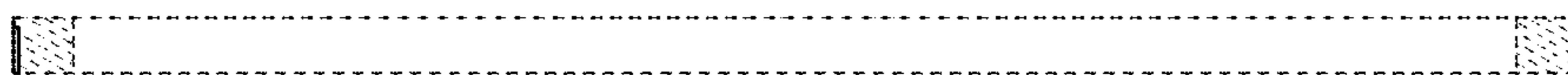
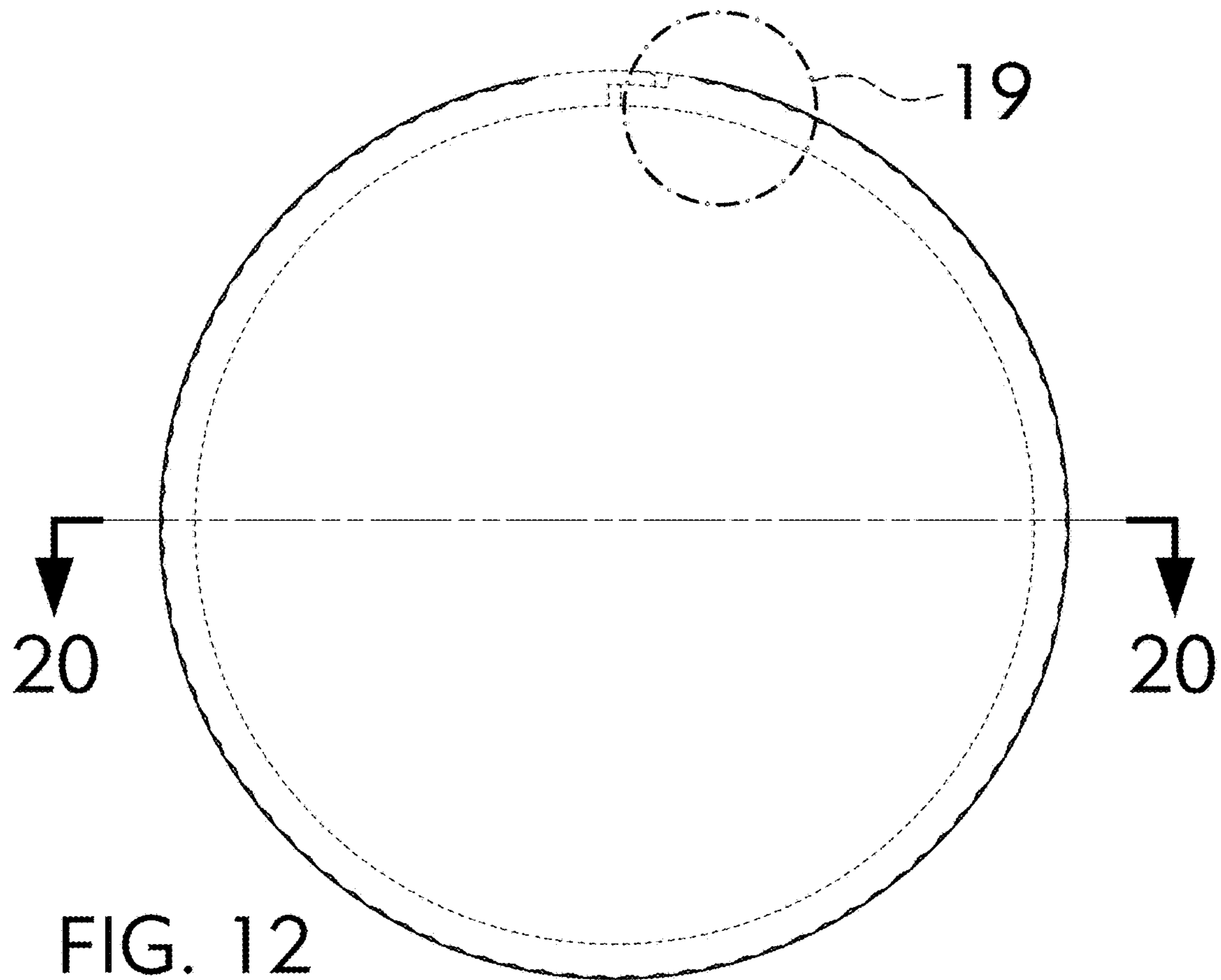
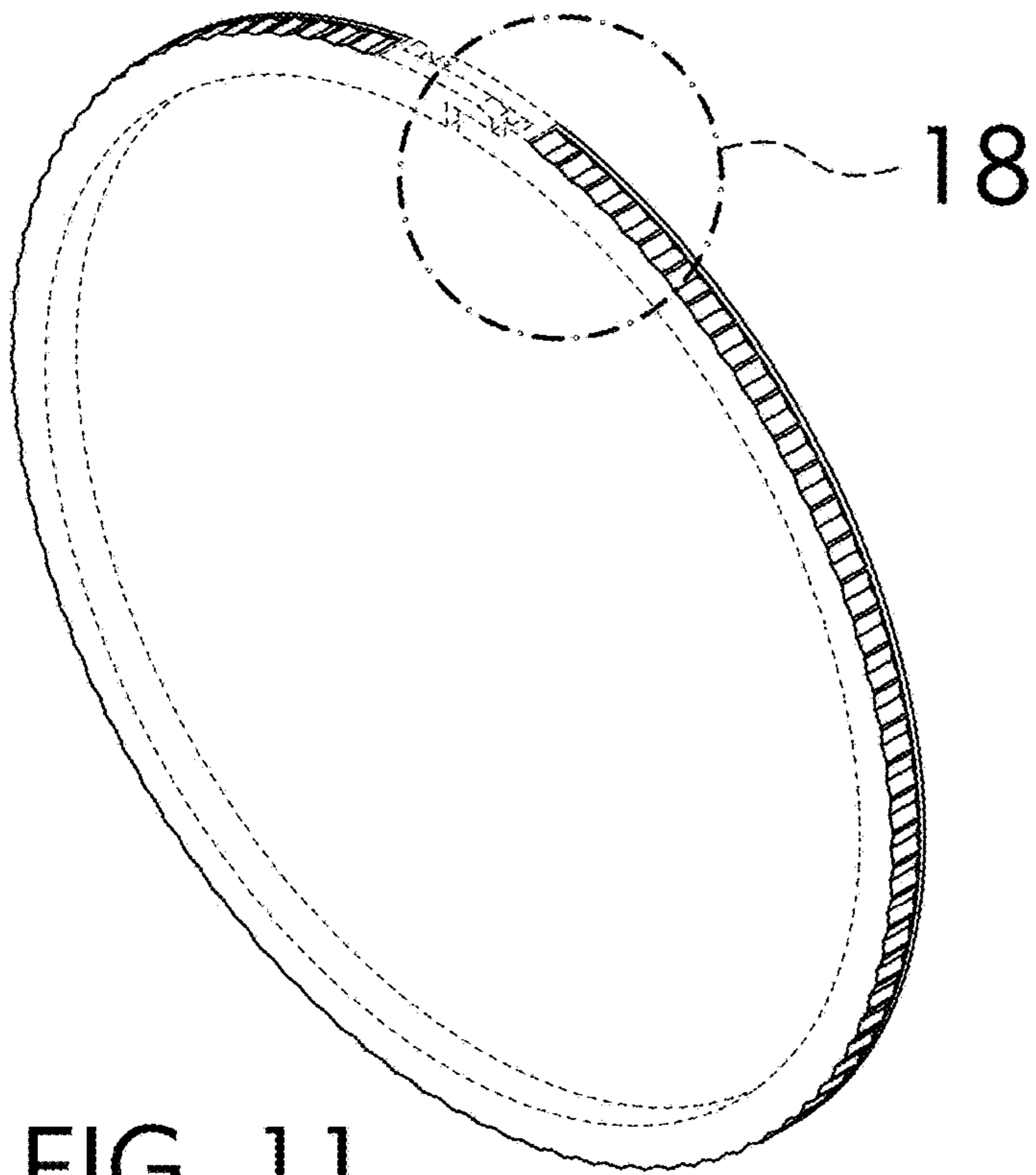


FIG. 10



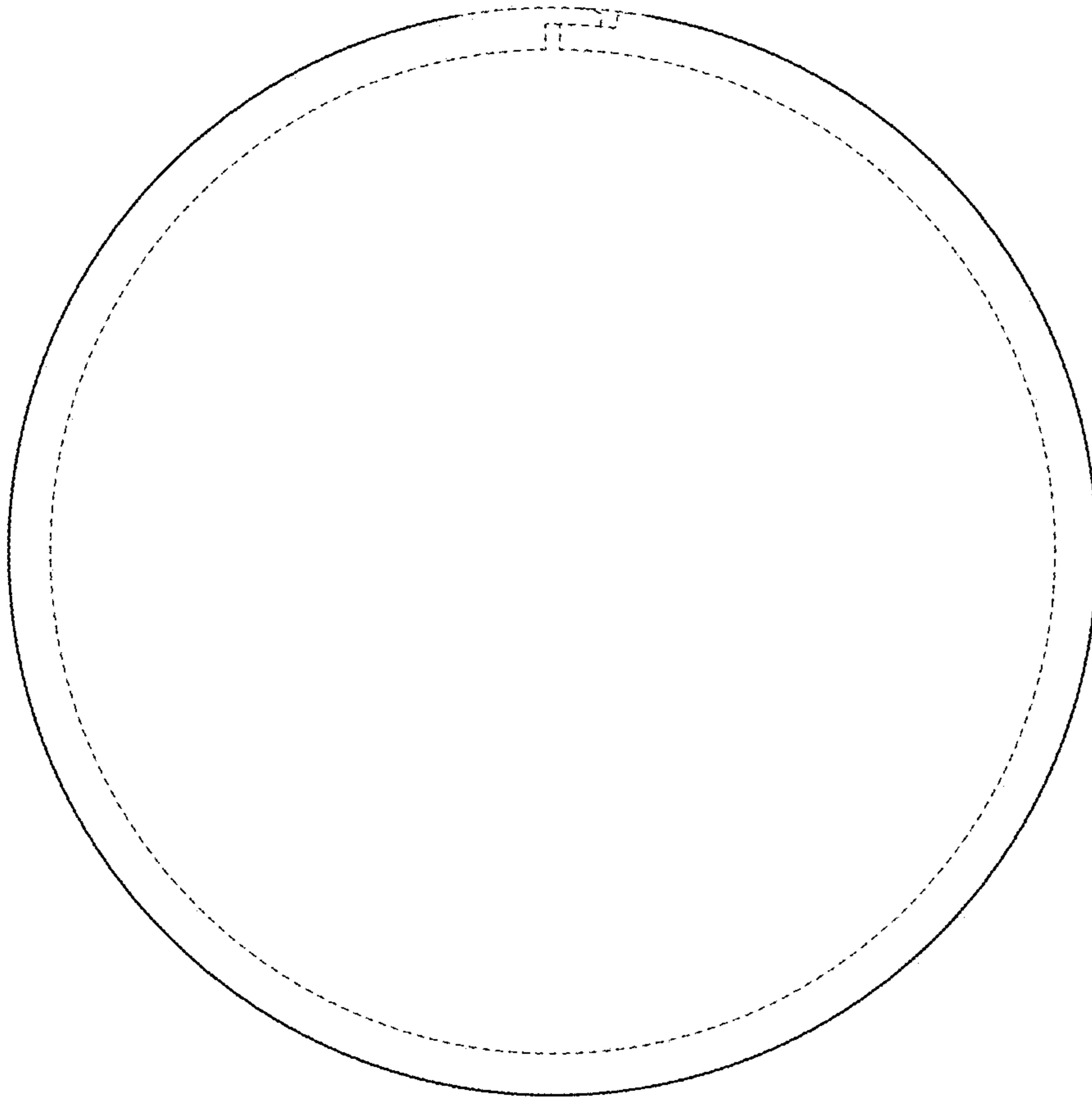


FIG. 13



FIG. 14

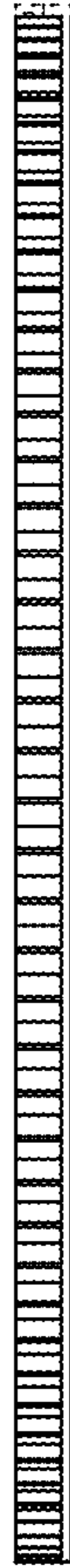


FIG. 15

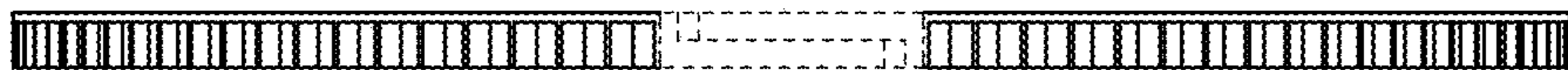


FIG. 16



FIG. 17

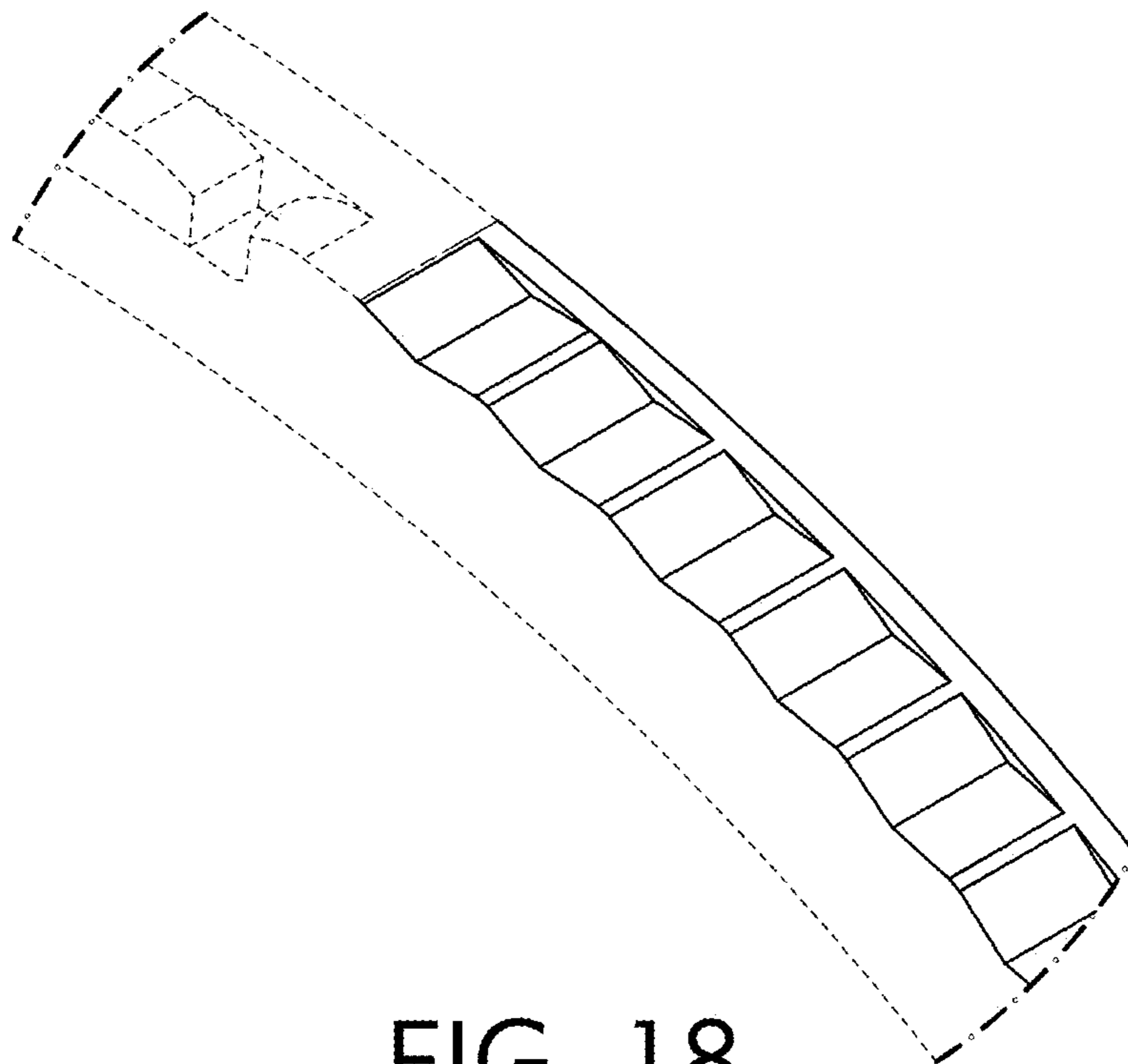


FIG. 18

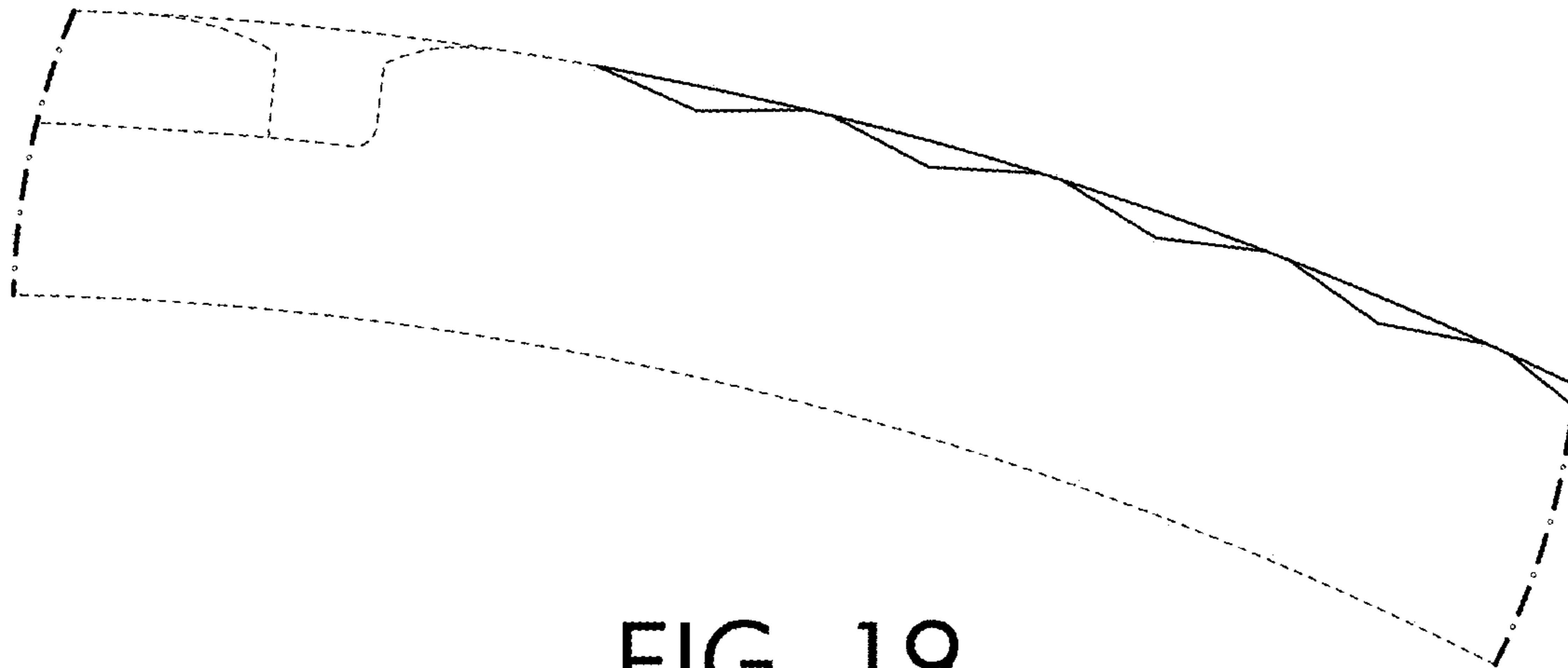


FIG. 19

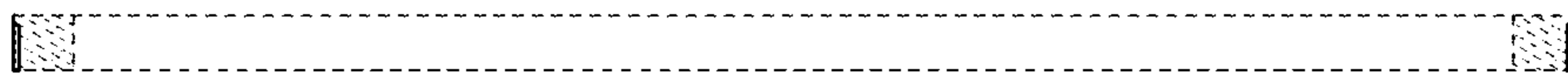
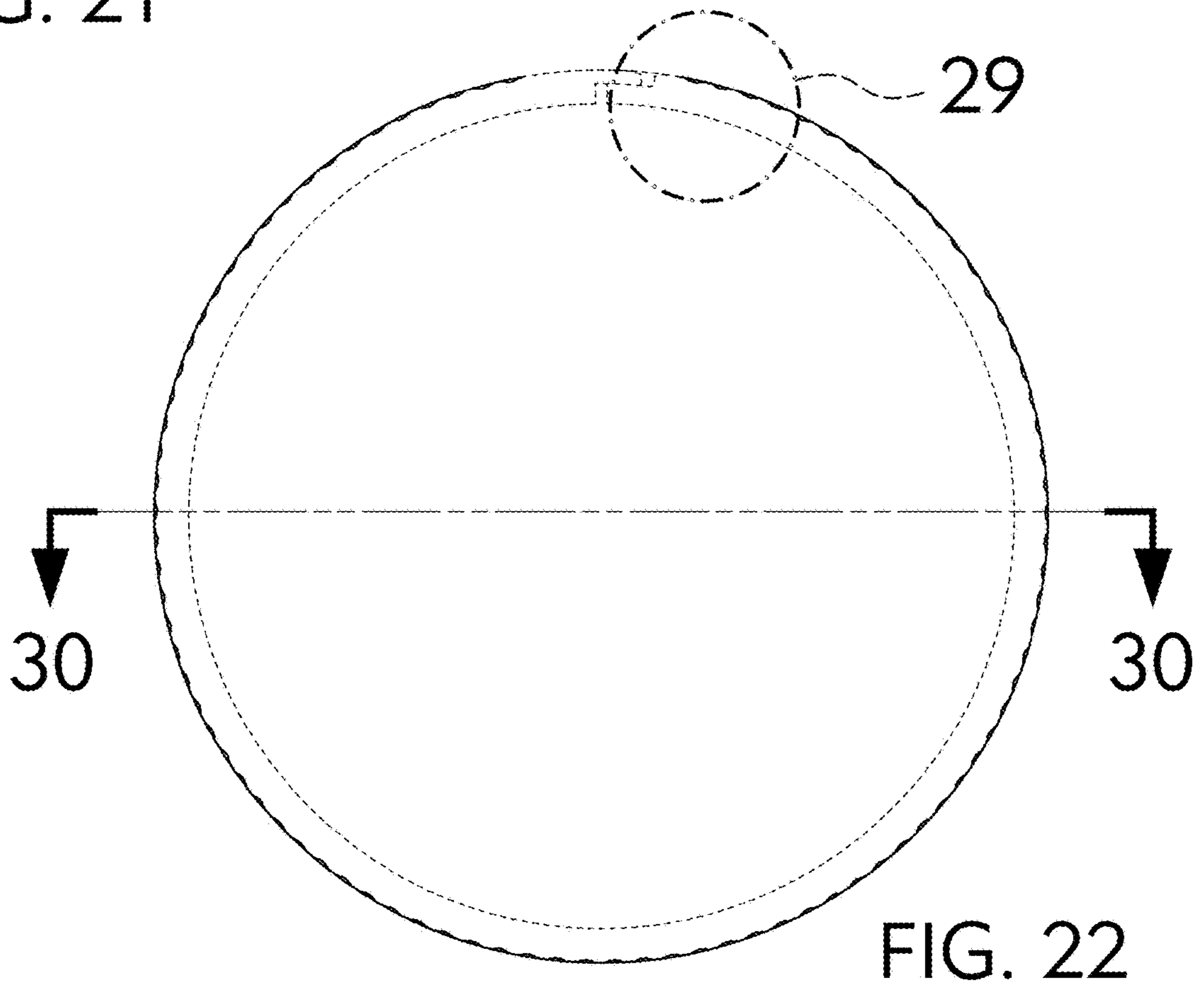
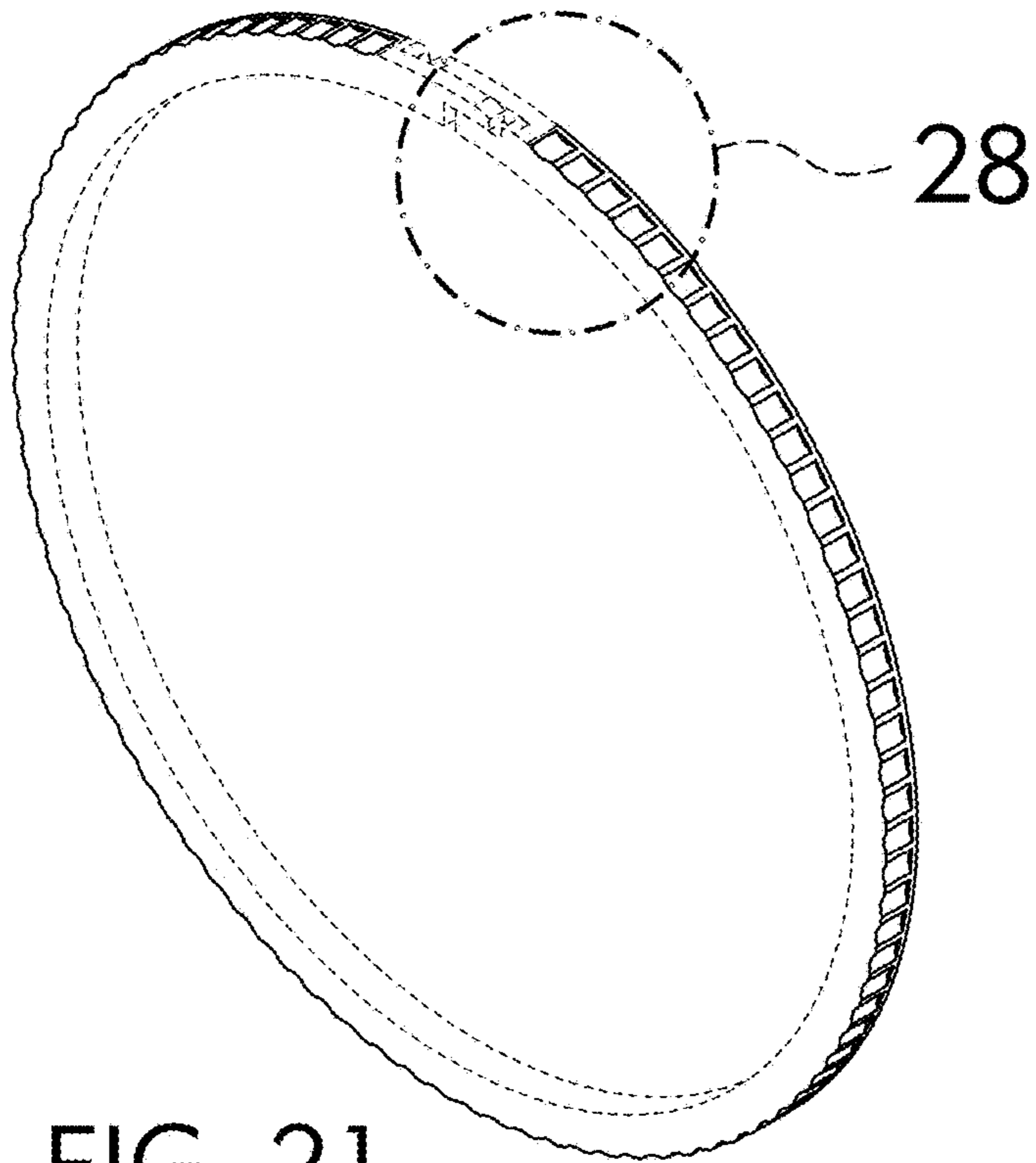


FIG. 20



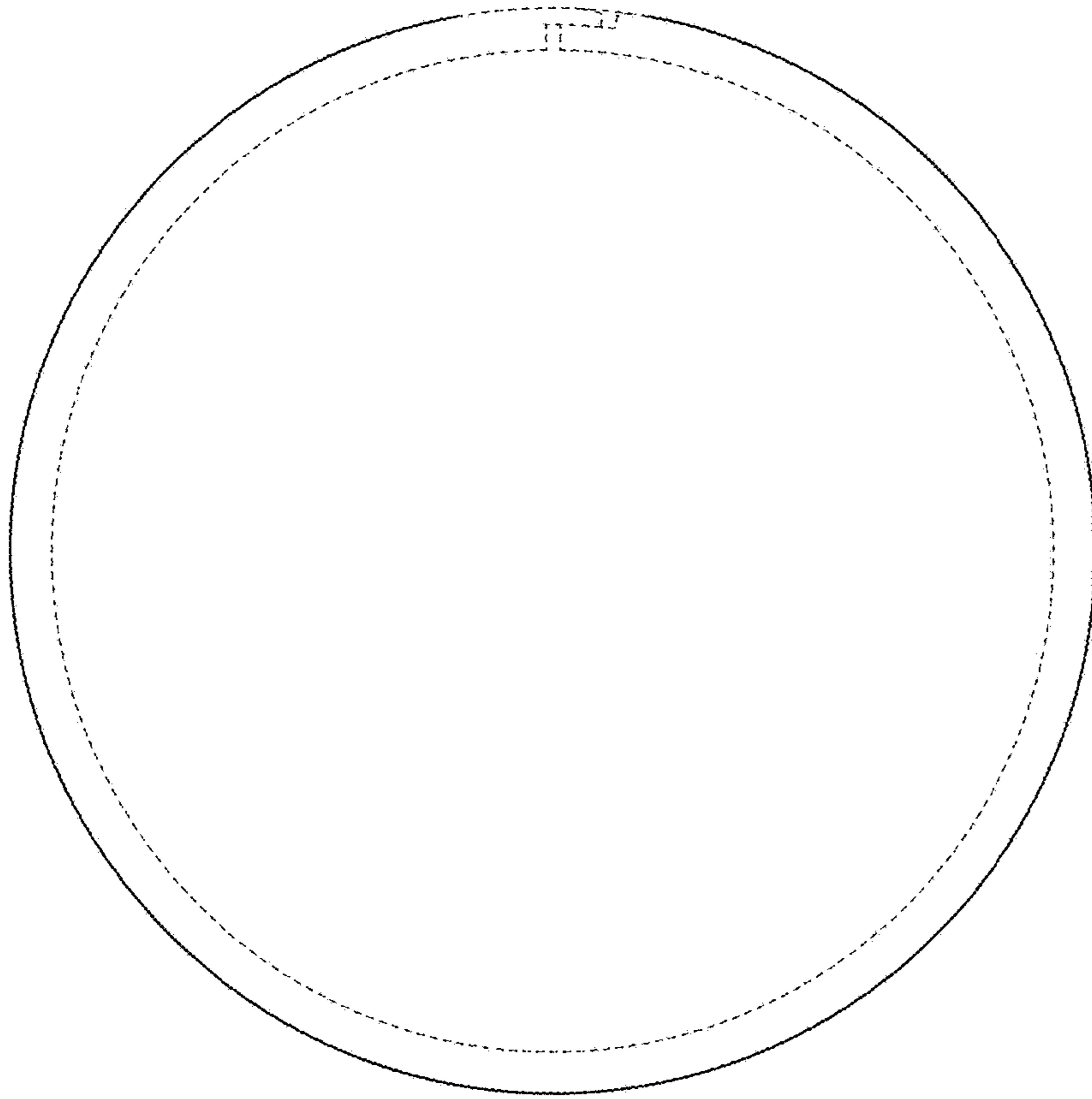


FIG. 23



FIG. 24



FIG. 25



FIG. 26



FIG. 27

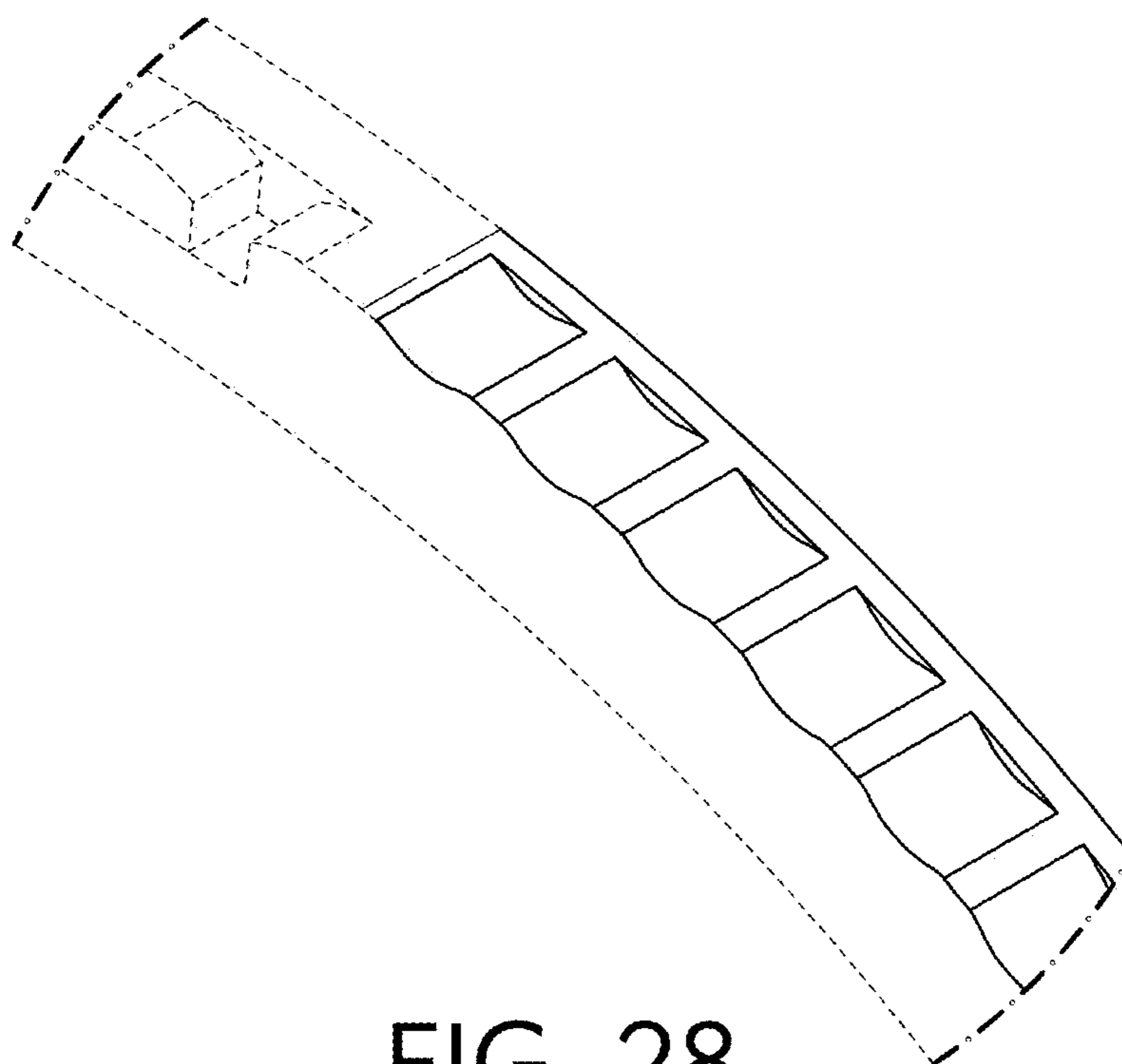


FIG. 28

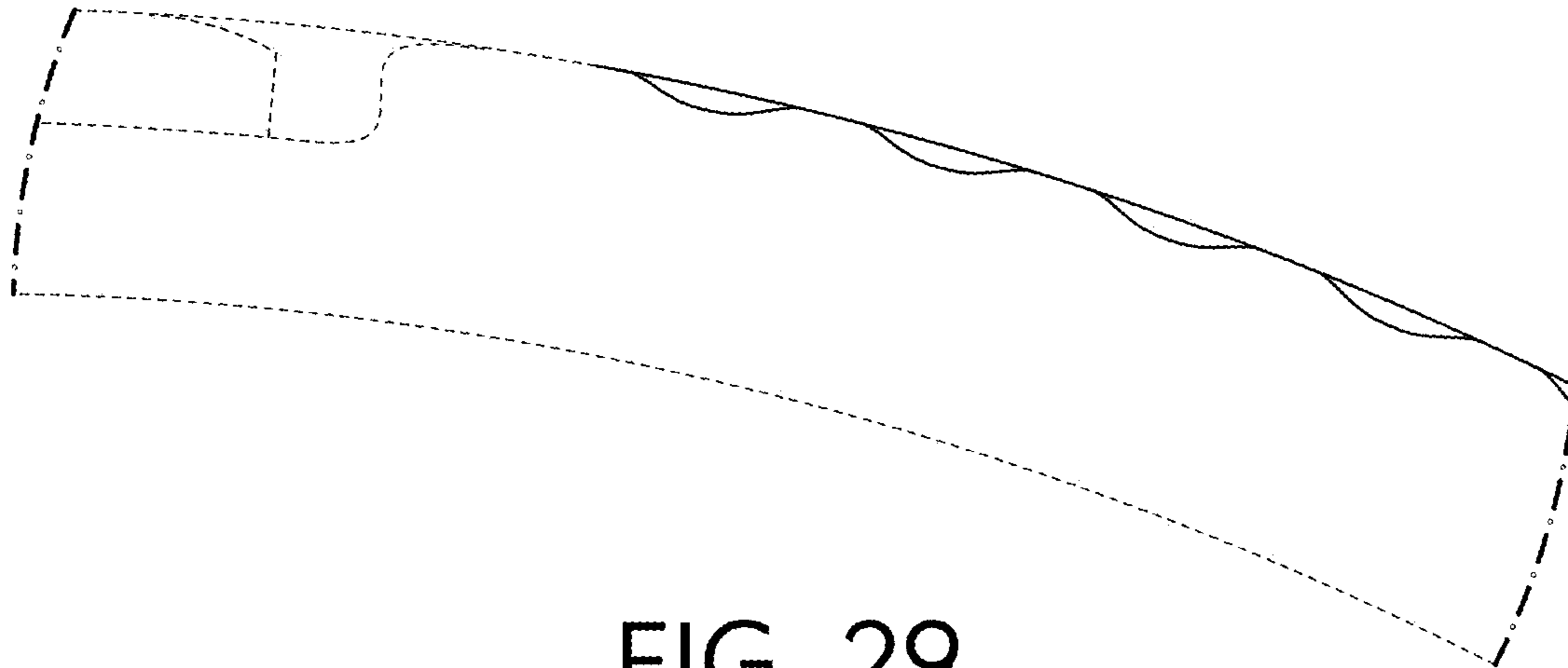


FIG. 29

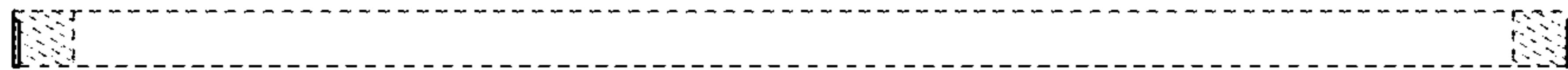


FIG. 30