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(12) **United States Design Patent**  
**Makinen**

(10) **Patent No.:** **US D732,480 S**  
(45) **Date of Patent:** **\*\* Jun. 23, 2015**

(54) **SNAP ELECTRICAL CONNECTOR  
ASSEMBLY**

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(US)

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

(21) Appl. No.: **29/440,368**

(22) Filed: **Dec. 20, 2012**

(51) **LOC (10) Cl.** ..... **13-03**

(52) **U.S. Cl.**

USPC ..... **D13/149**; D13/154

(58) **Field of Classification Search**

USPC ..... D13/154, 147, 184, 199, 133, 148, 149,  
D13/151

CPC ..... H01R 13/6277; H01R 13/622; H01R  
13/508; H01R 13/436; H01R 39/34; H01R  
39/00; H01R 39/08; H02B 1/00; H02B 3/00

See application file for complete search history.

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(57) **CLAIM**

I claim the ornamental design for a snap electrical connector assembly, as shown and described.

**DESCRIPTION**

FIG. 1 is a bottom perspective view of a snap electrical connector assembly, showing my new design;

FIG. 2 is a bottom perspective view of a female portion of the design, illustrated with a male portion of the design omitted for clarity of illustration;

FIG. 3 is a top perspective view of FIG. 2;

FIG. 4 is a left-side elevational view of FIG. 2;

FIG. 5 is a right-side elevational view of FIG. 2;

FIG. 6 is a top plan view of FIG. 2;

FIG. 7 is a bottom plan view of FIG. 2;

FIG. 8 is a perspective view of a first embodiment of the male portion of the design, the female portion omitted for clarity of illustration;

FIG. 9 is a front elevational view of FIG. 8, the rear elevational view, left-side elevational view, and right-side elevational view all being identical thereto;

FIG. 10 is a top plan view of FIG. 8;

FIG. 11 is a bottom plan view of FIG. 8;

FIG. 12 is a perspective view of a second embodiment of the male portion of the design, the female portion of the design being omitted for clarity of illustration;

FIG. 13 is a top plan view of FIG. 12;

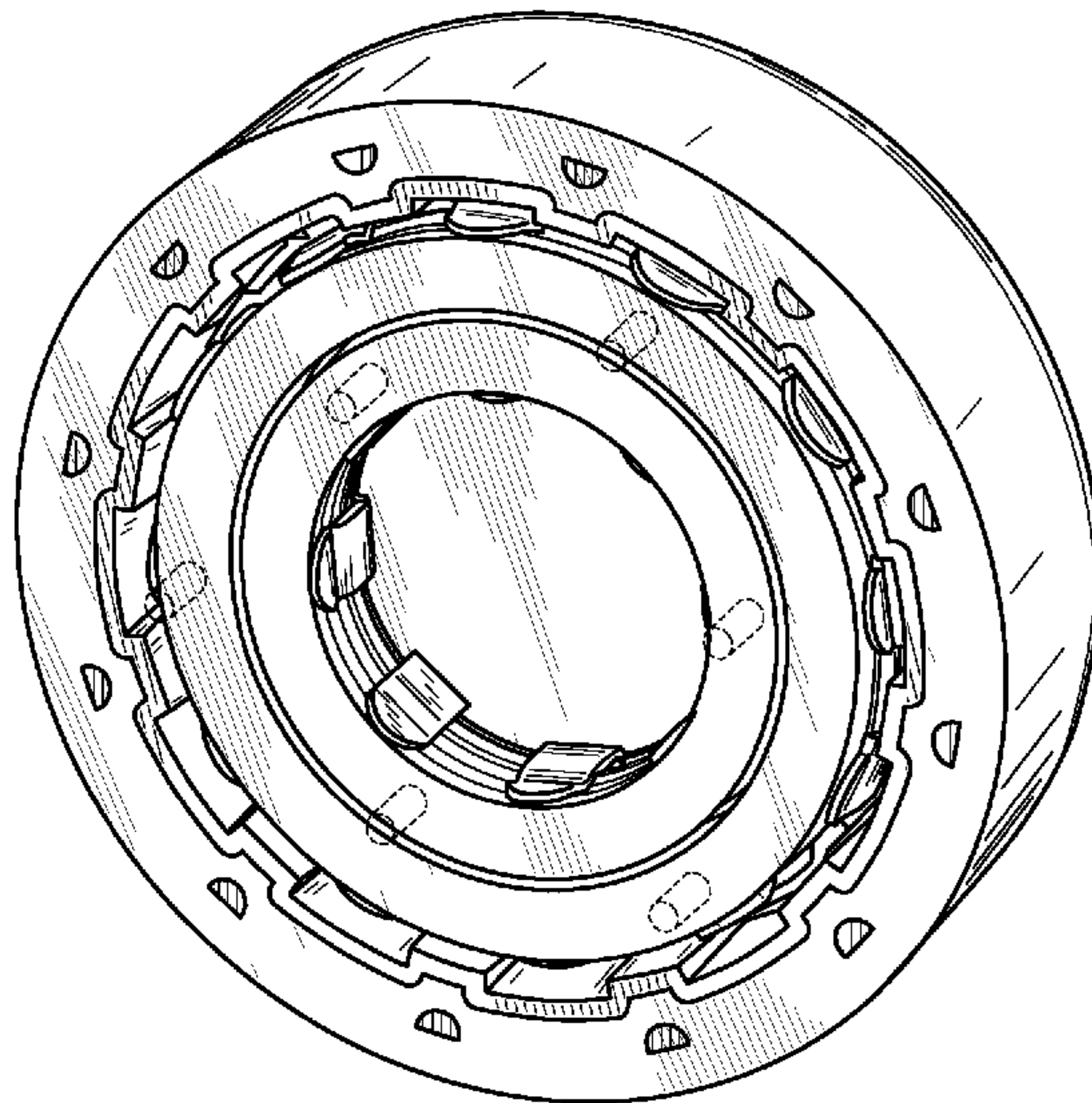
FIG. 14 is a front elevational view of FIG. 12, the rear elevational view, left-side elevational view, and right-side elevational view all being identical thereto; and,

FIG. 15 is a bottom plan view of FIG. 12.

The female portion of the snap electrical connector assembly has been shown separately in FIGS. 2-7, and the two alternative male portions of the snap electrical connector assembly have been shown separately in FIGS. 8-11 and 12-15 respectively, for convenience and clarity in illustrating the appearance of the separate components that make up the two embodiments of the design as shown in FIG. 1.

The broken lines showing solder pins in the figures depict environmental matter and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



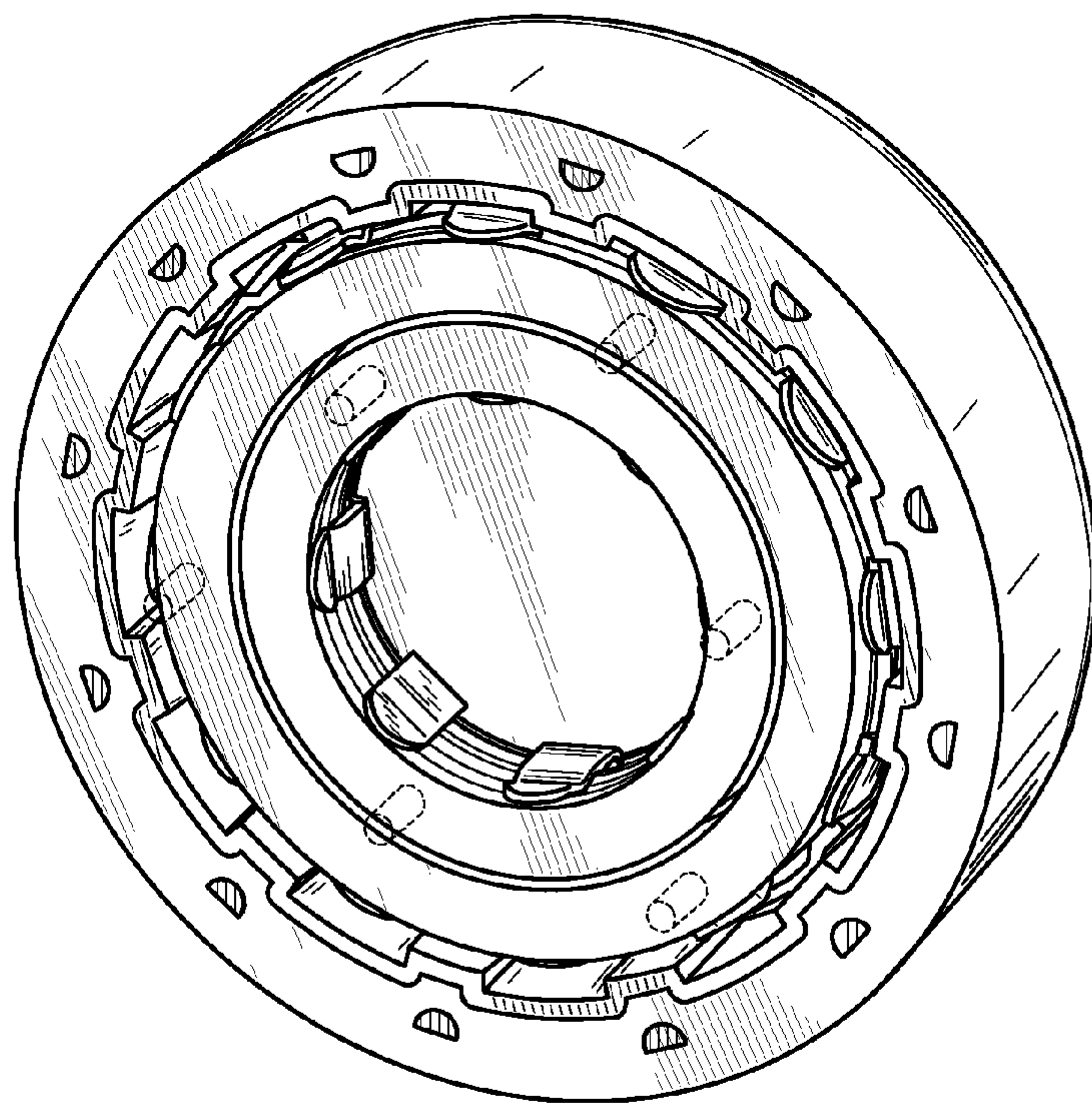


FIG. 1

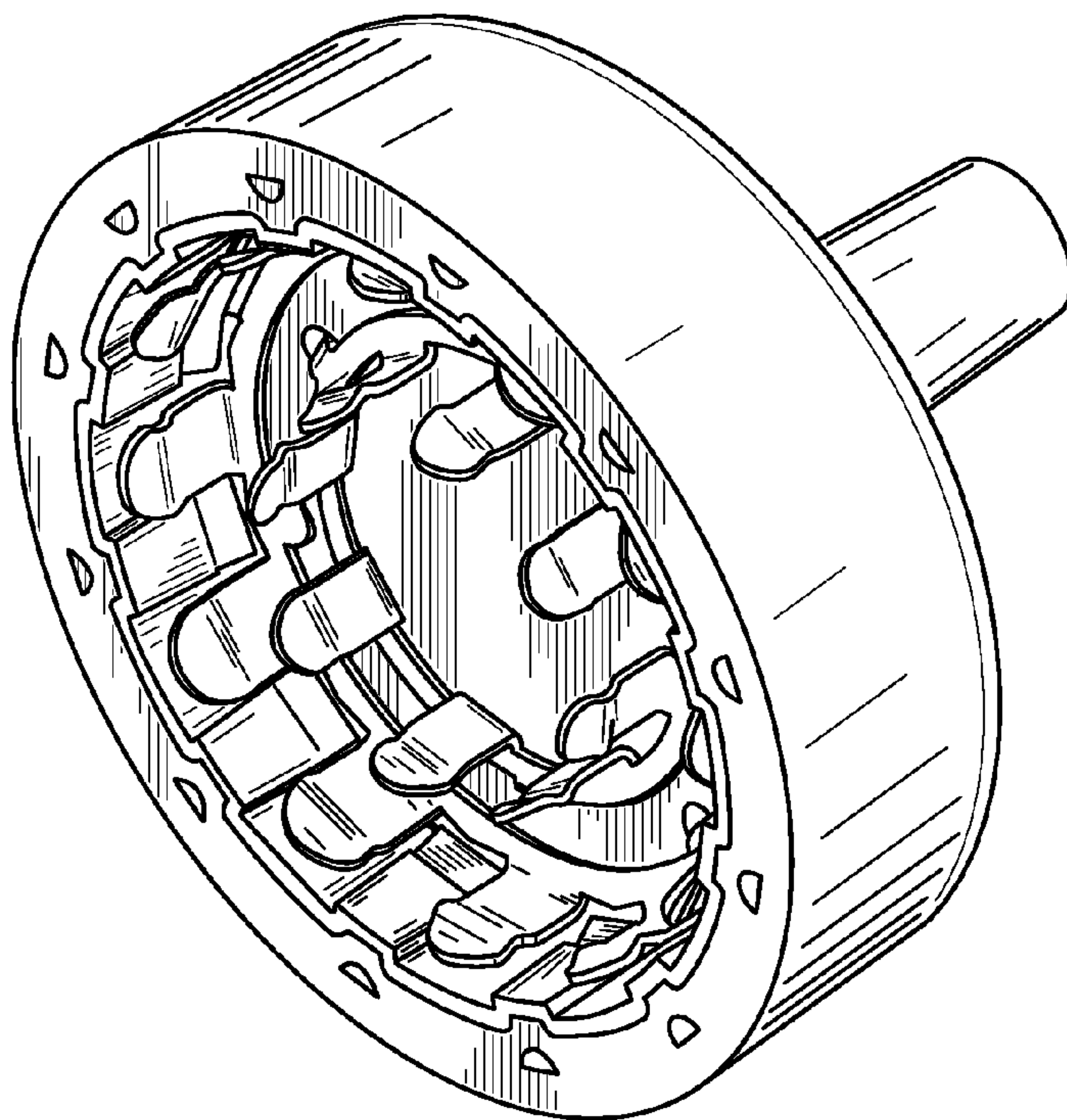


FIG. 2

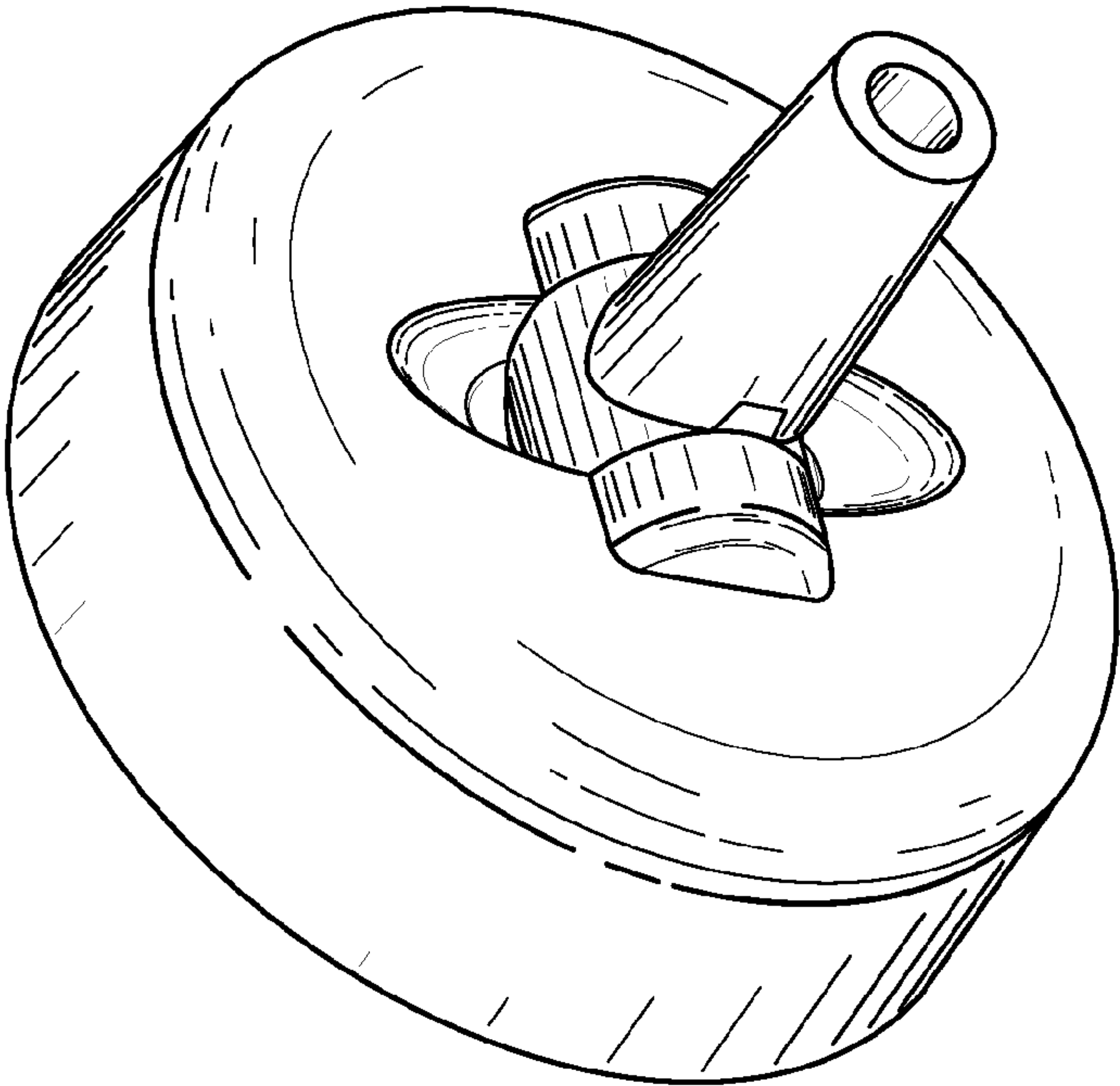


FIG. 3

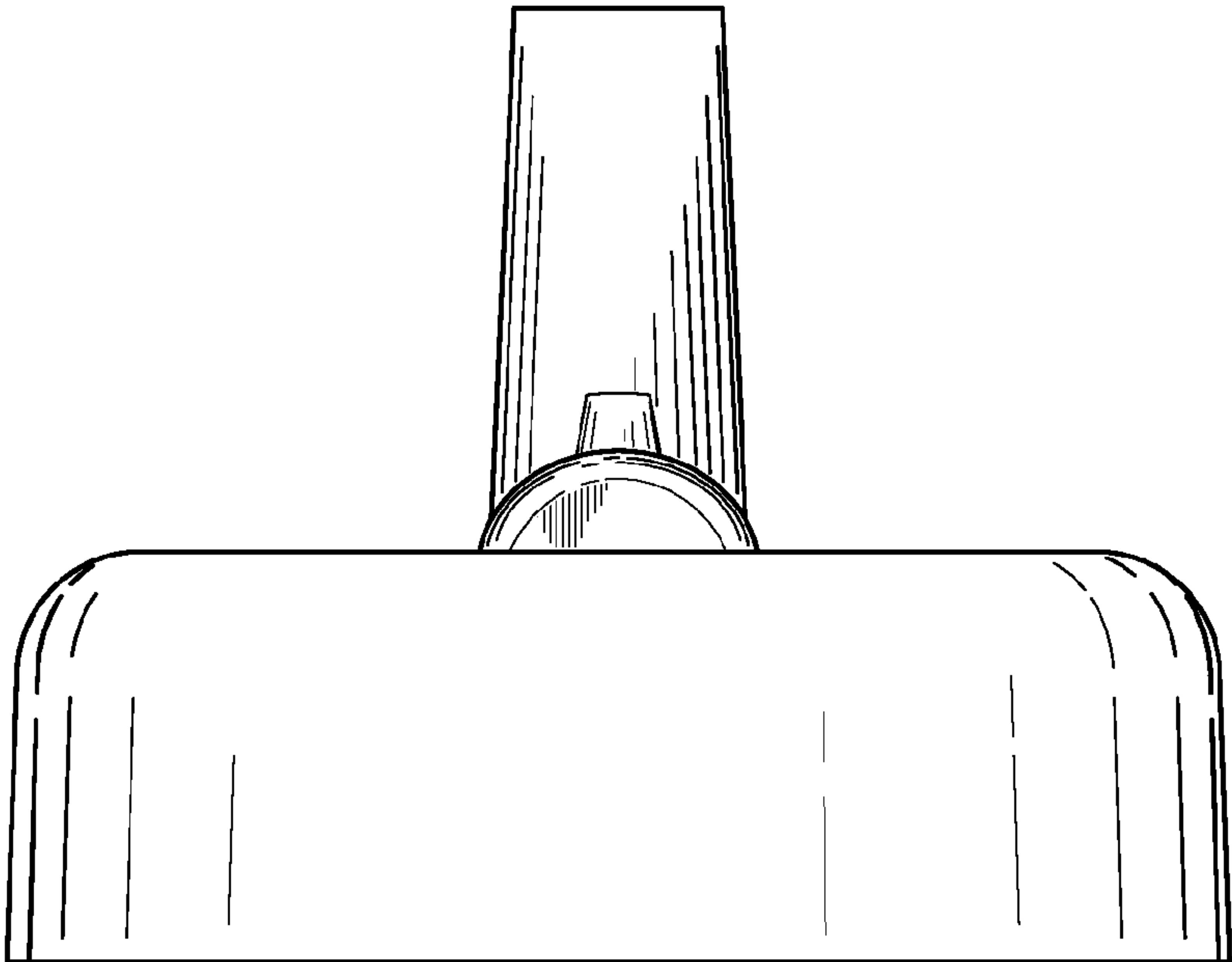


FIG. 4



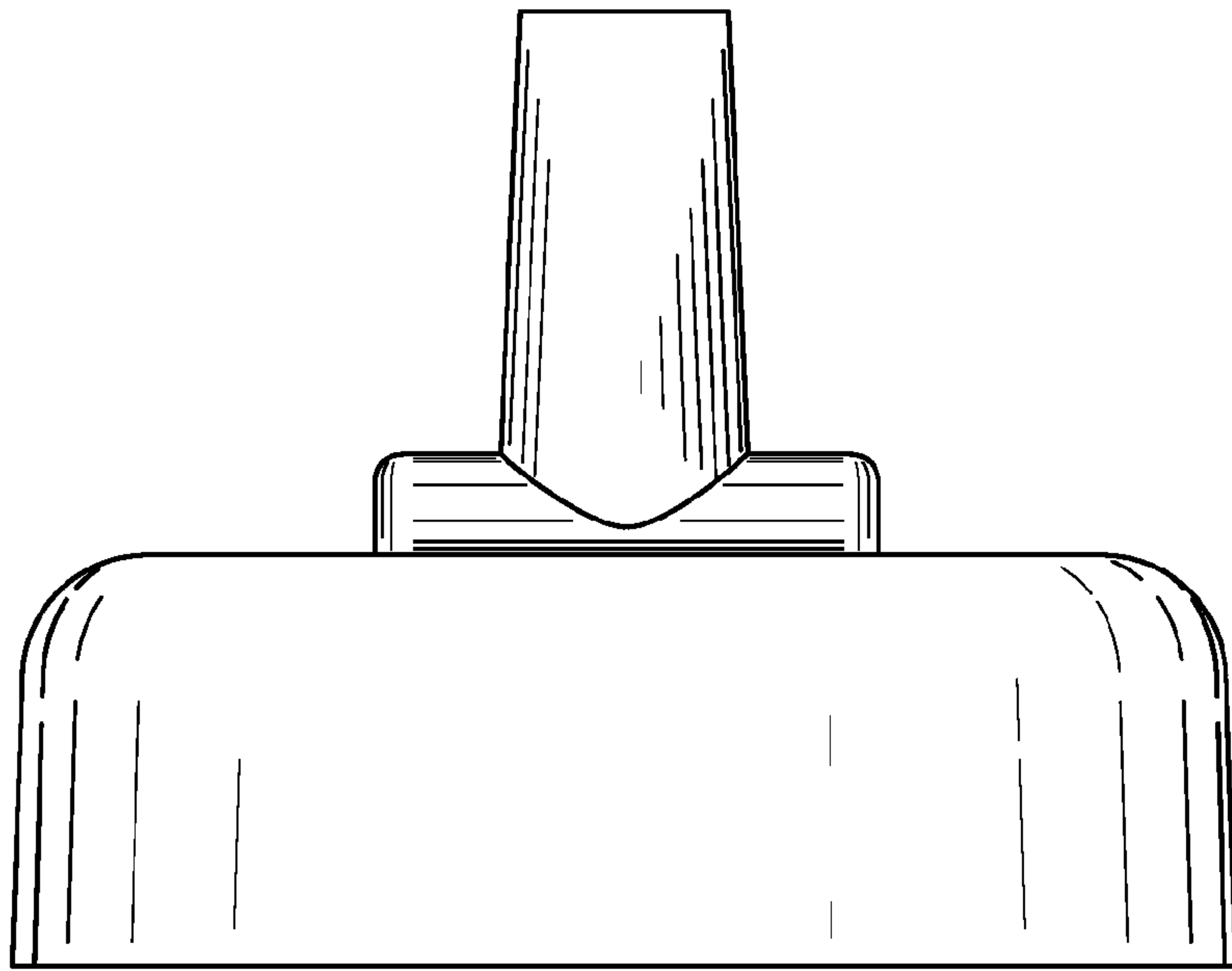


FIG. 5

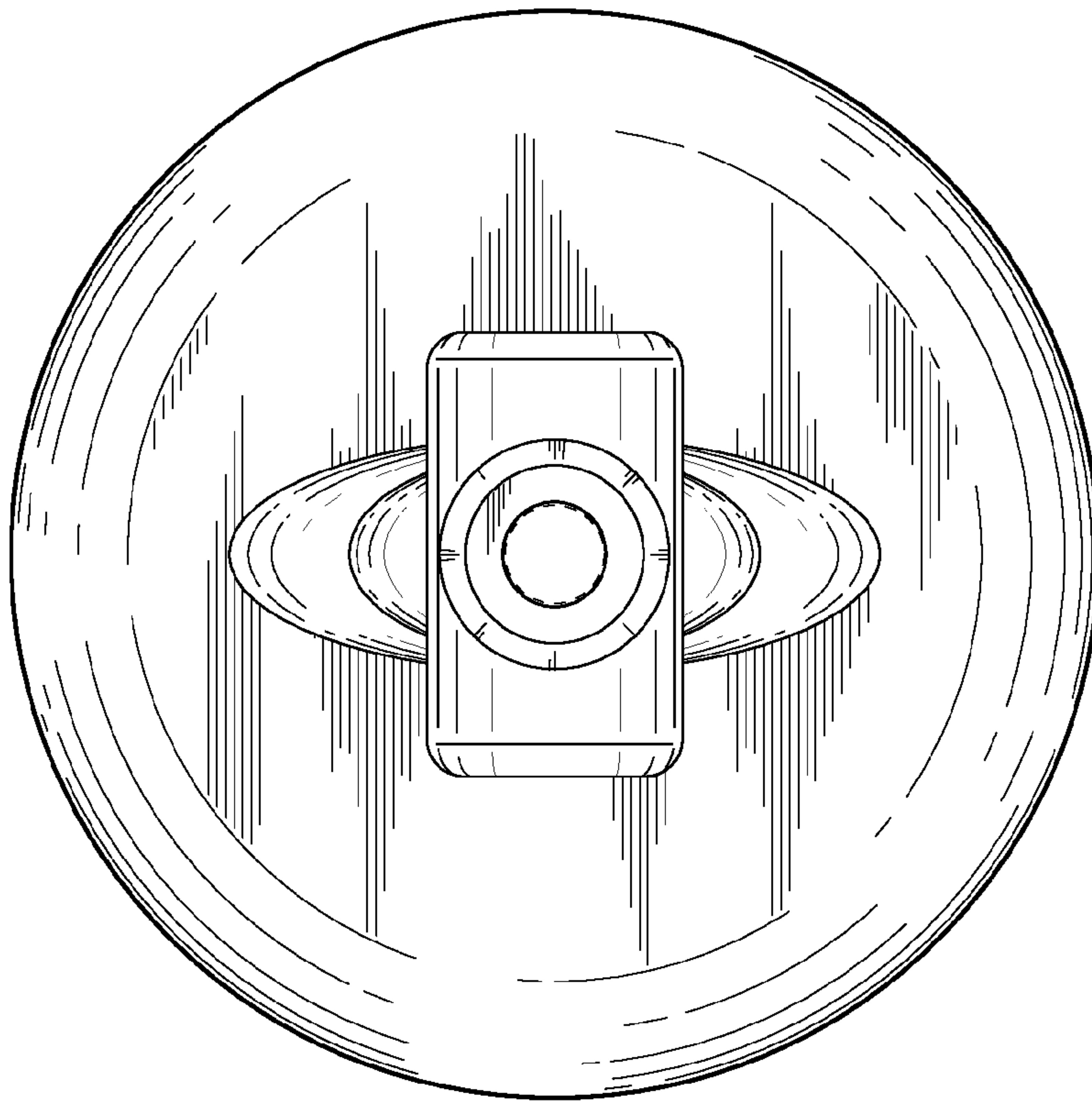


FIG. 6

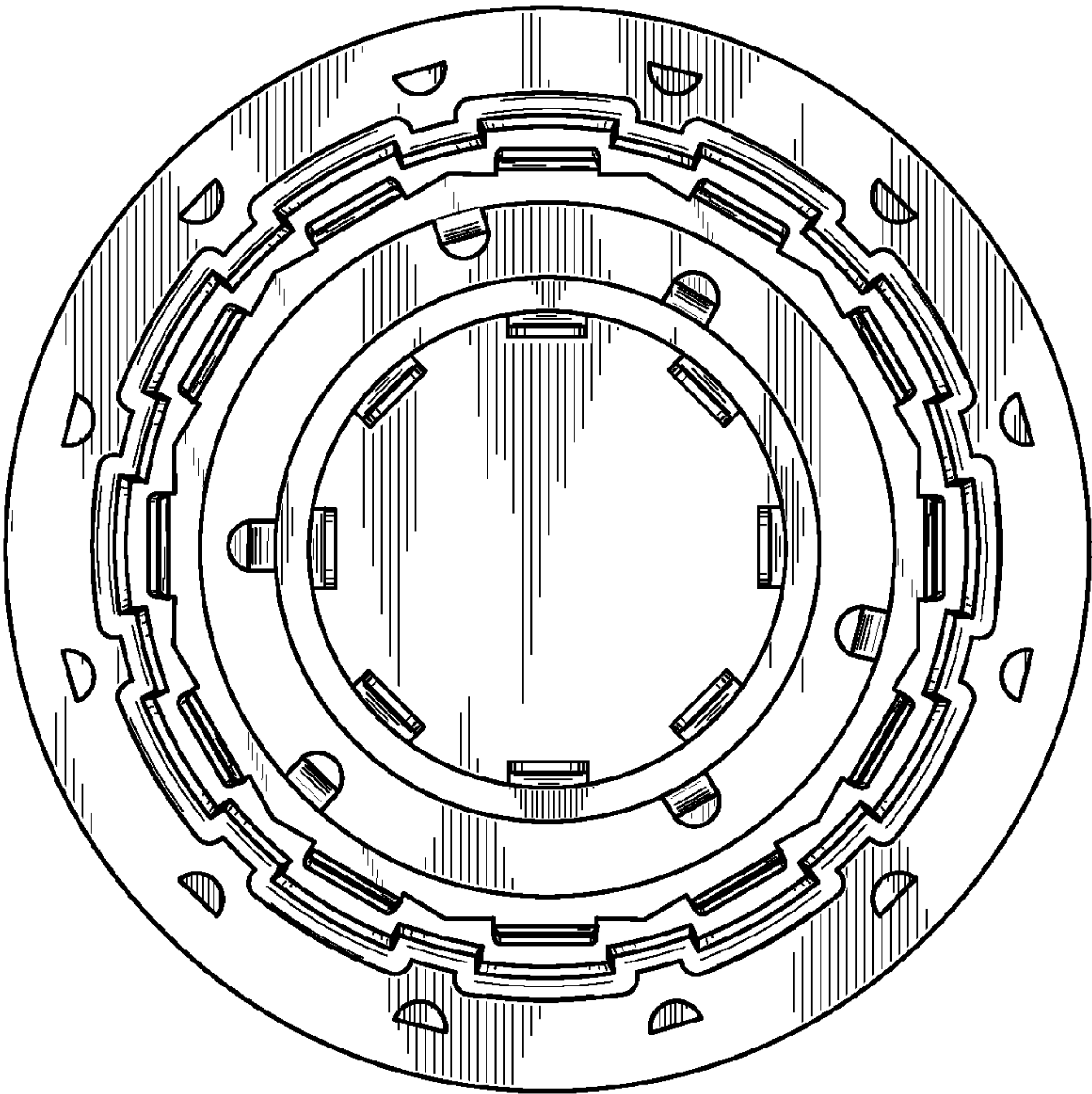


FIG. 7

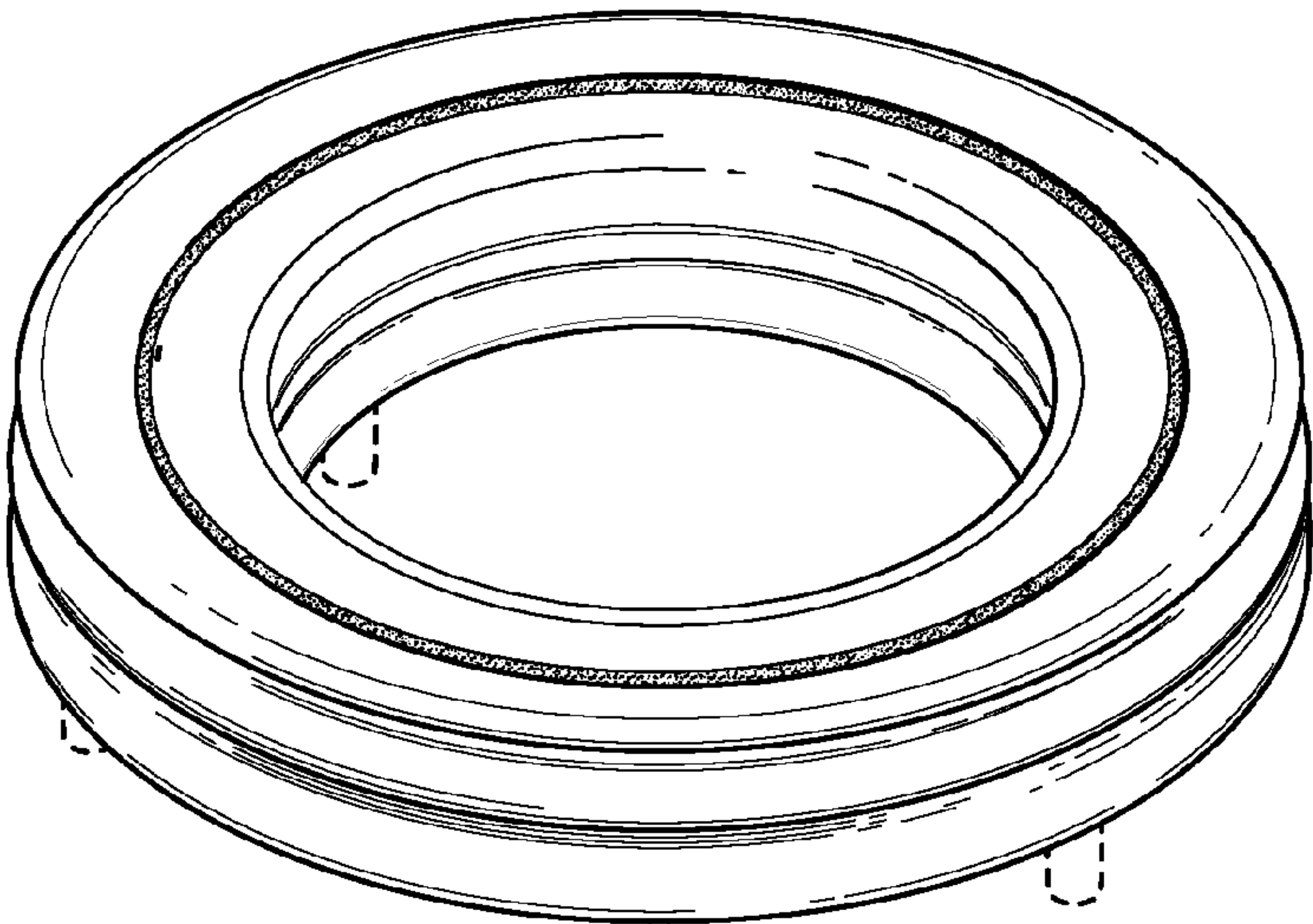


FIG. 8

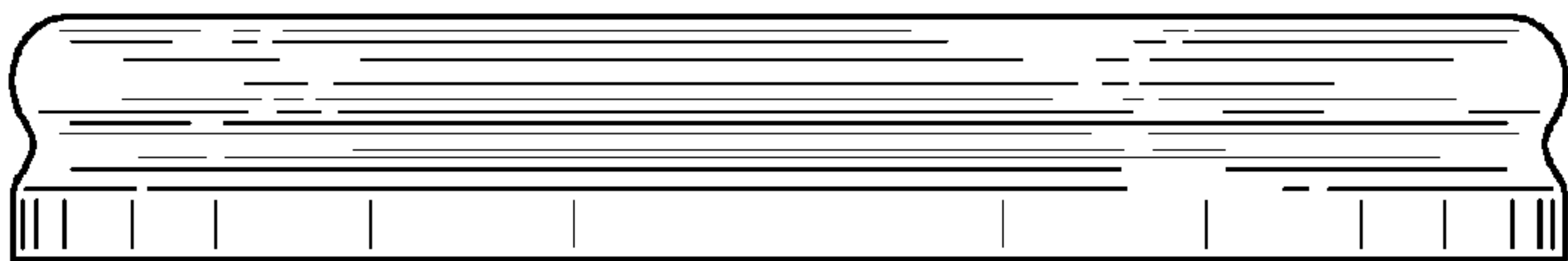


FIG. 9

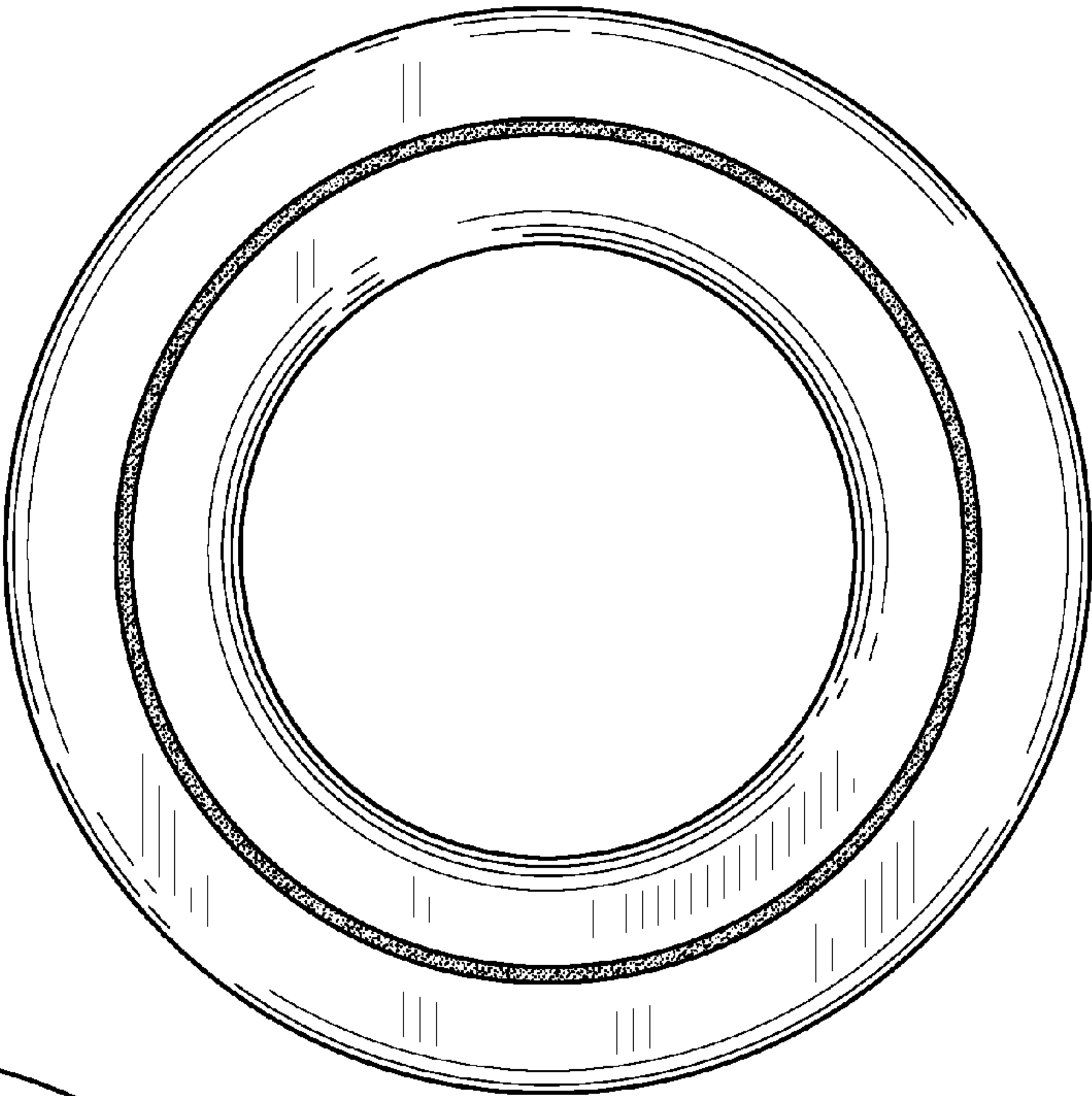


FIG. 10

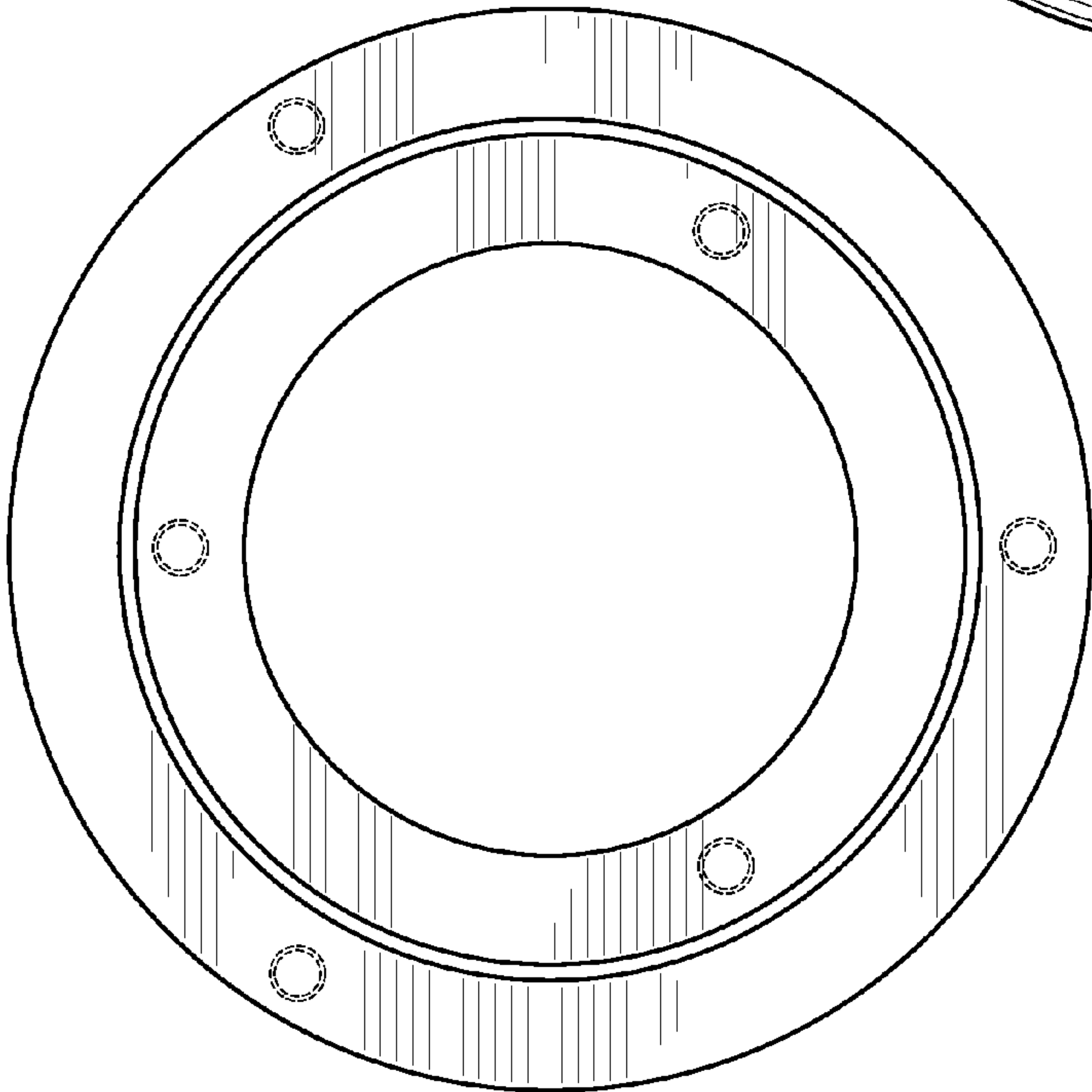


FIG. 11

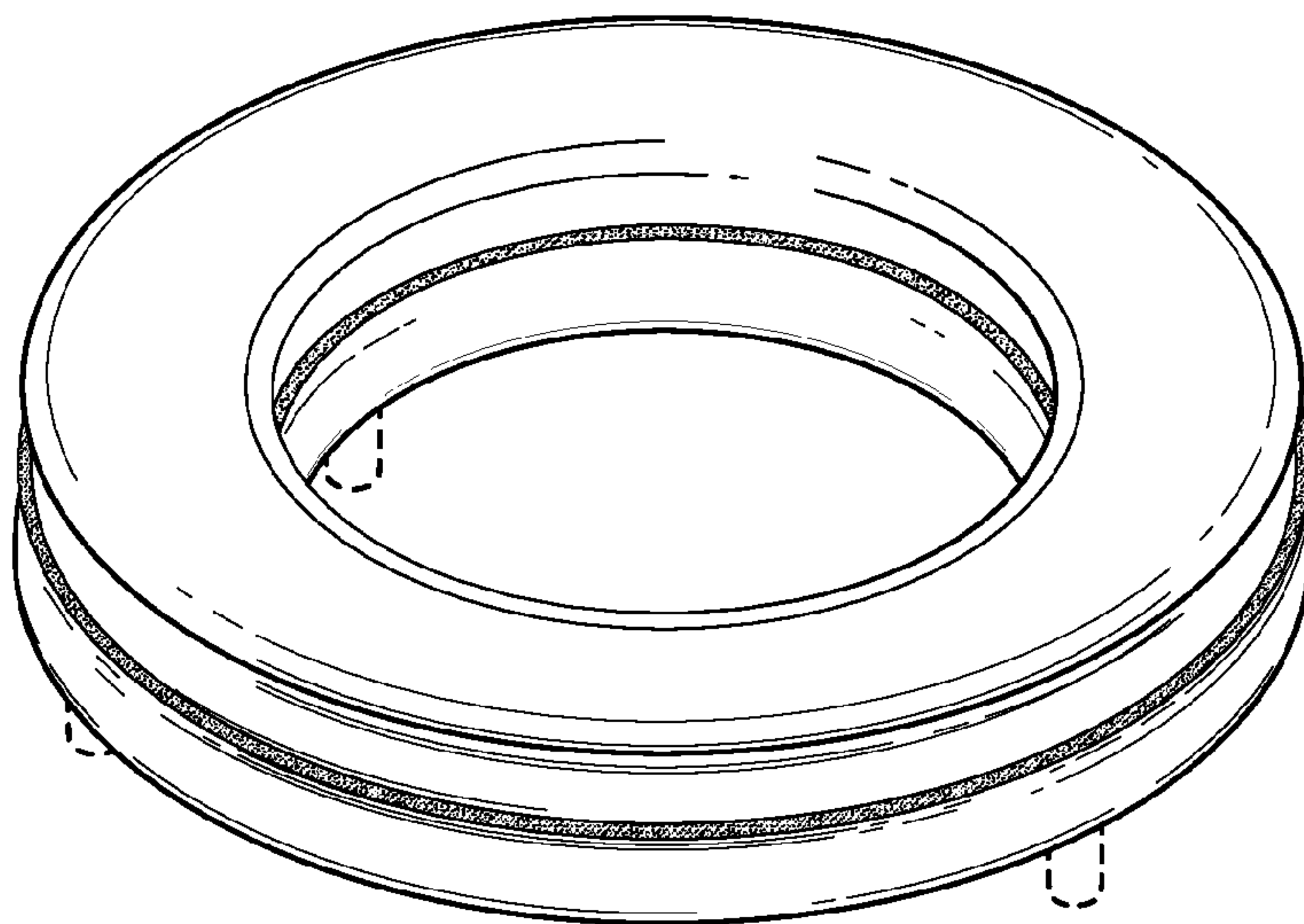


FIG. 12

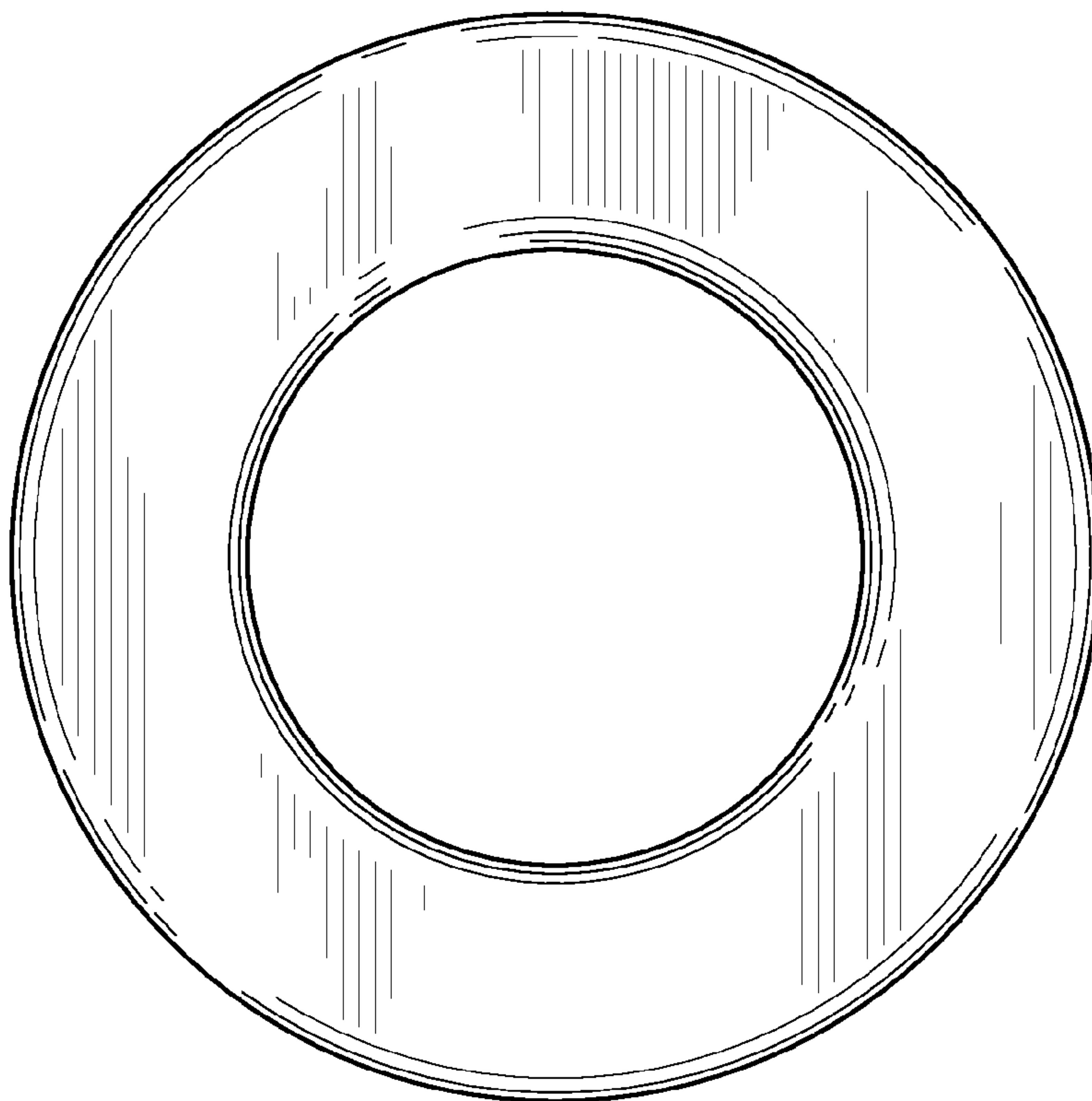


FIG. 13

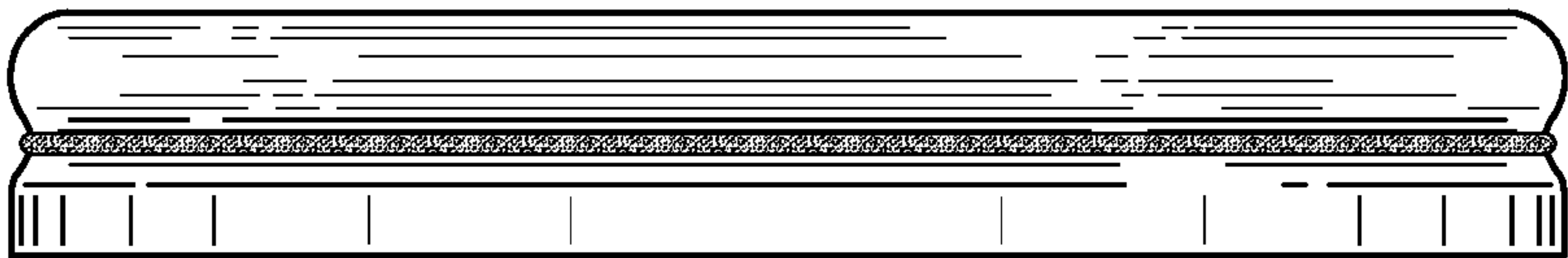


FIG. 14

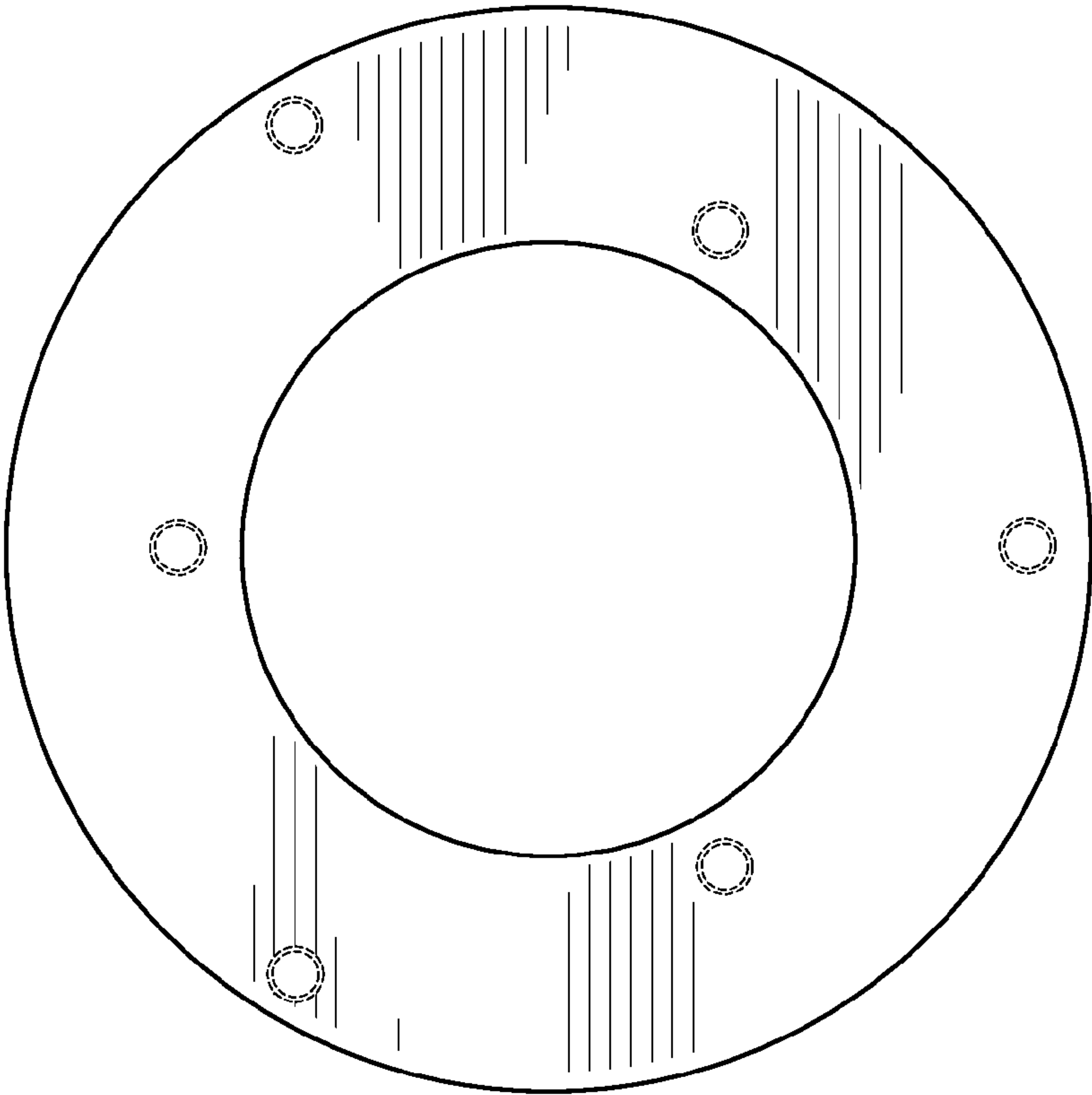


FIG. 15