



US00D836691S

(12) **United States Design Patent** (10) **Patent No.:** **US D836,691 S**
(45) **Date of Patent:** **** Dec. 25, 2018**(54) **VISION MODULE FOR INDUSTRIAL ROBOT**(71) Applicant: **Hanwha Techwin Co., Ltd.**,
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(KR); **Mun Jun Park**, Changwon-si
(KR)(73) Assignee: **Hanwha Techwin Co., Ltd.**,
Changwon-si (KR)(**) Term: **15 Years**(21) Appl. No.: **29/628,879**(22) Filed: **Dec. 8, 2017**(30) **Foreign Application Priority Data**

Aug. 28, 2017 (KR) 30-2017-0040037

(51) LOC (11) Cl. **15-09**

(52) U.S. Cl.

USPC **D15/199**; D16/203(58) **Field of Classification Search**USPC D15/199; D16/203; D21/578-583, 621,
D21/622CPC B25J 13/00; B25J 13/003; B25J 19/023;
G06T 1/0014; G10L 2021/02087

See application file for complete search history.

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*Primary Examiner — Patricia A Palasik**(74) Attorney, Agent, or Firm — Sughrue Mion, PLLC*(57) **CLAIM**

The ornamental design for a vision module for industrial robot, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the vision module for industrial robot showing our new design;

FIG. 2 is a front elevational view of the vision module for industrial robot of;

FIG. 3 is a rear elevational view of the vision module for industrial robot;

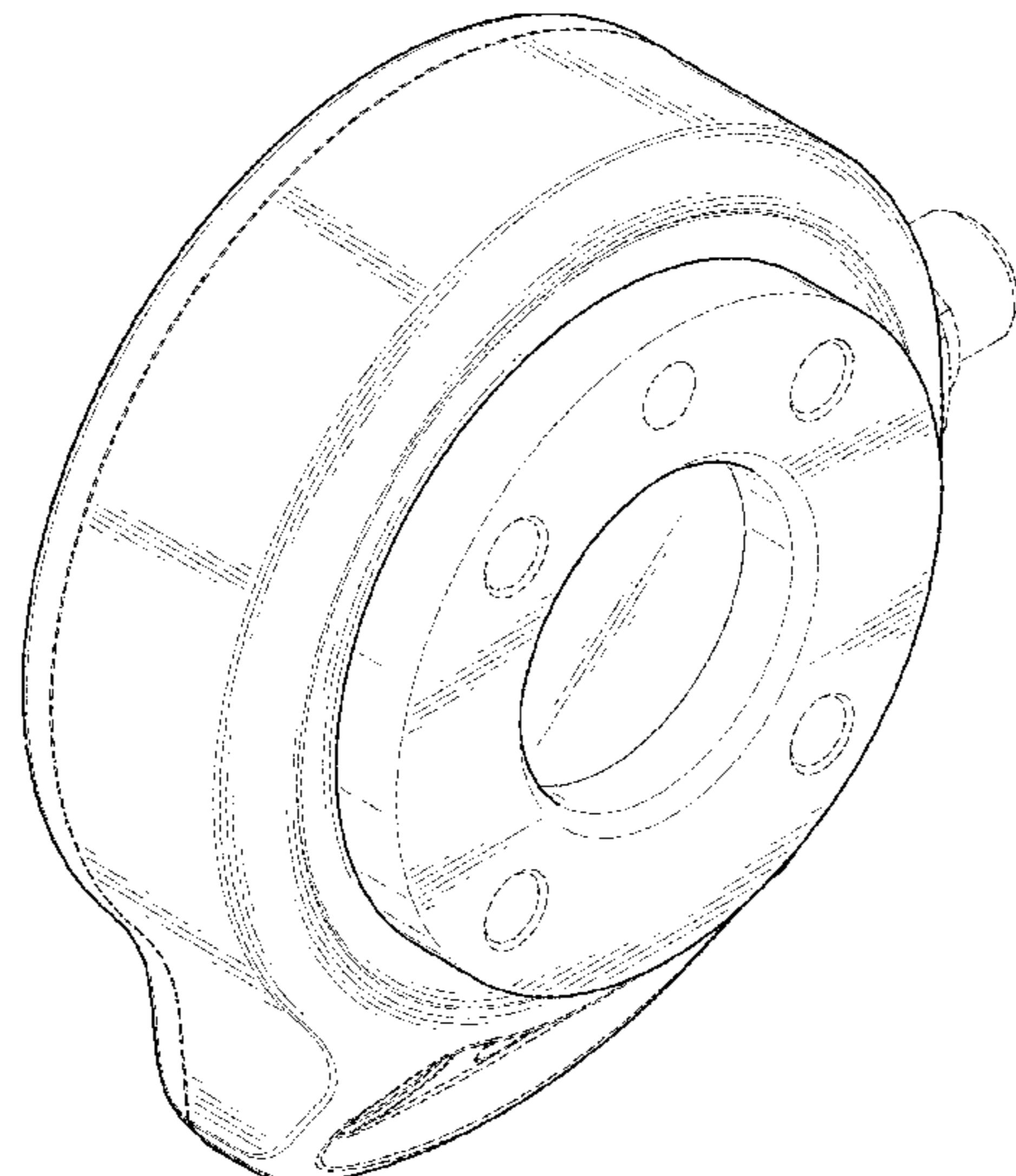
FIG. 4 is a right side elevational view of the vision module for industrial robot;

FIG. 5 is a left side elevational view of the vision module for industrial robot;

FIG. 6 is a top plan view of the vision module for industrial robot; and,

FIG. 7 is a bottom plan view of the vision module for industrial robot.

The broken line portions in the drawings are shown to illustrate environment only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets

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FIG. 1

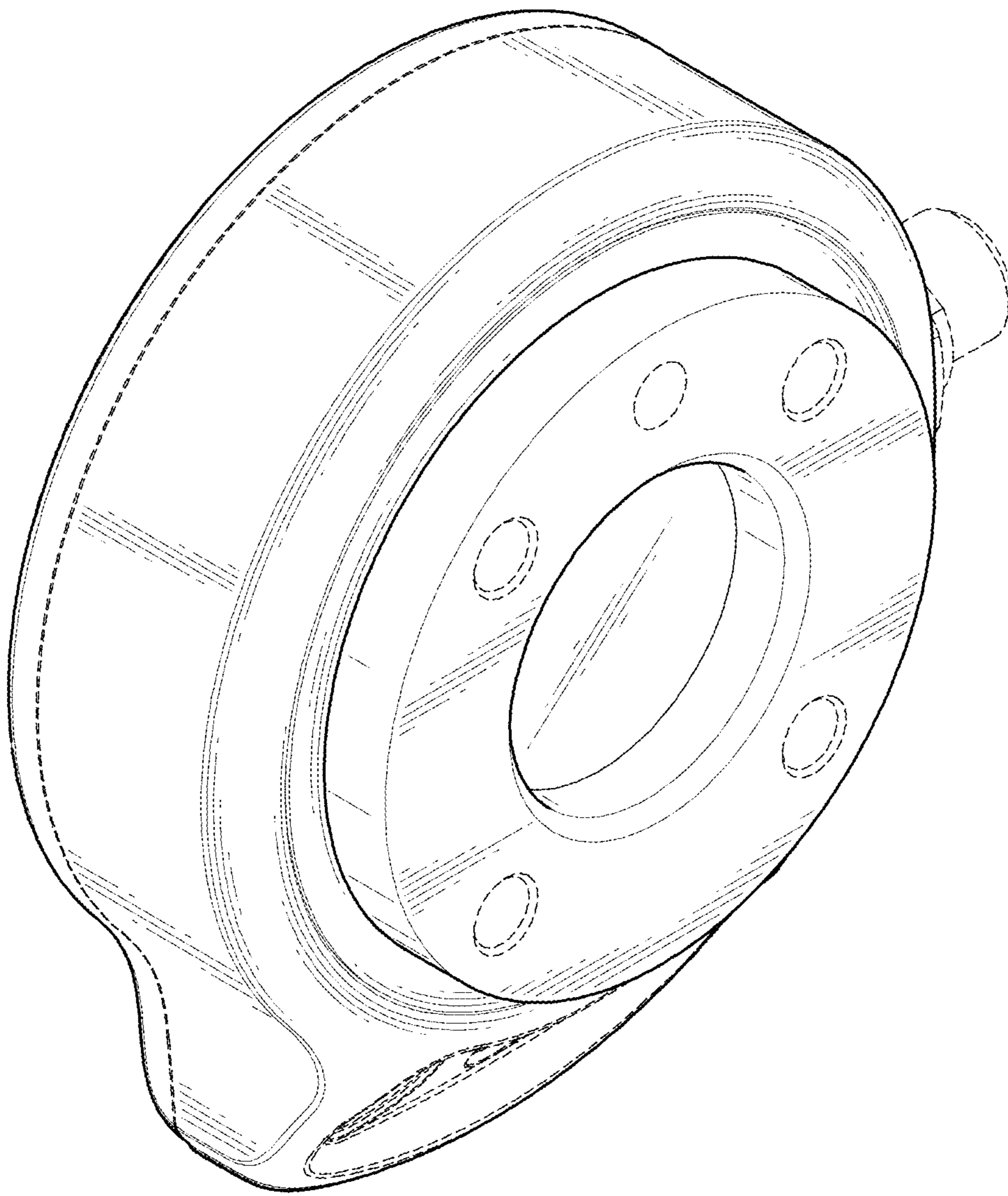


FIG. 2

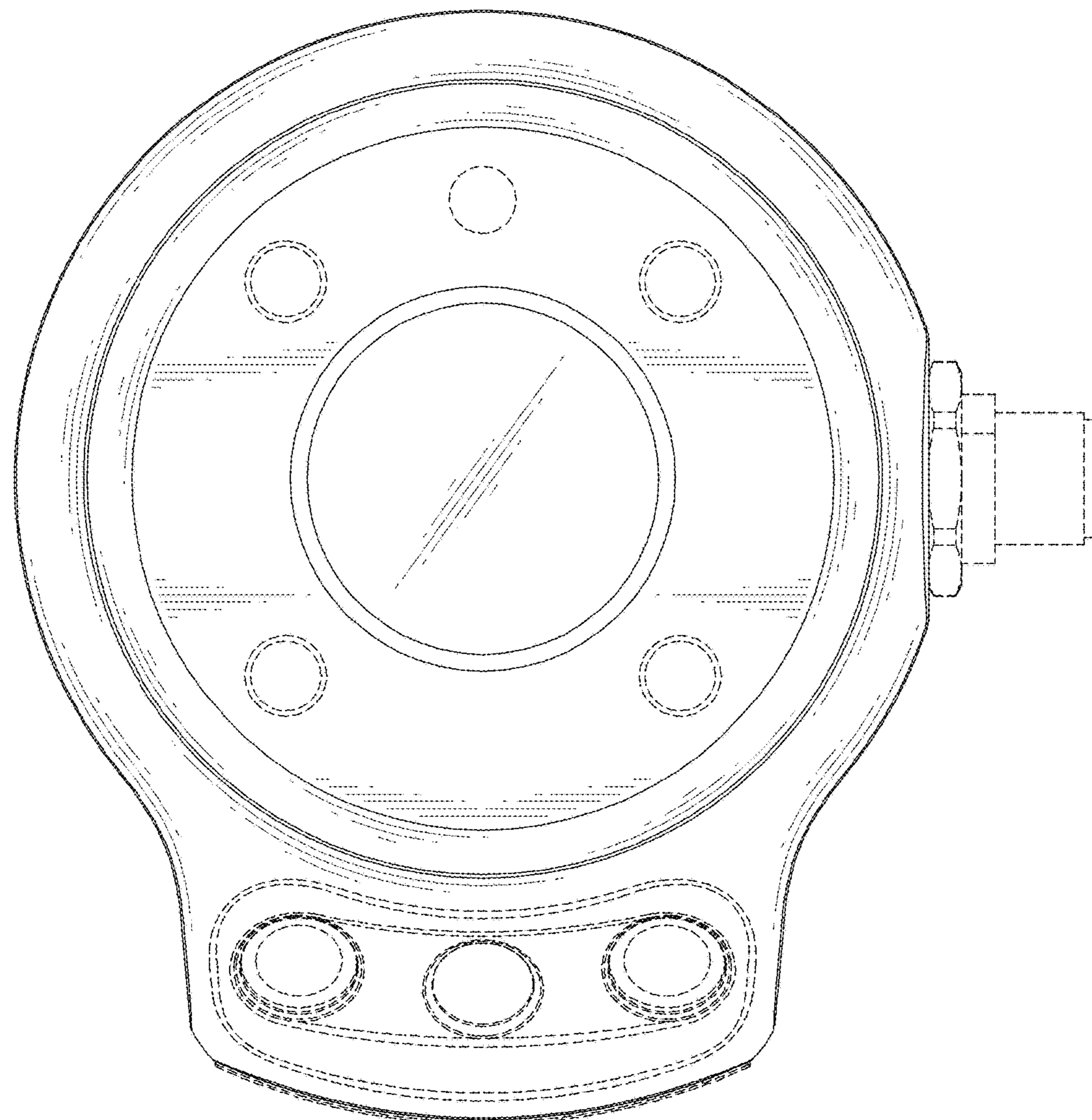


FIG. 3

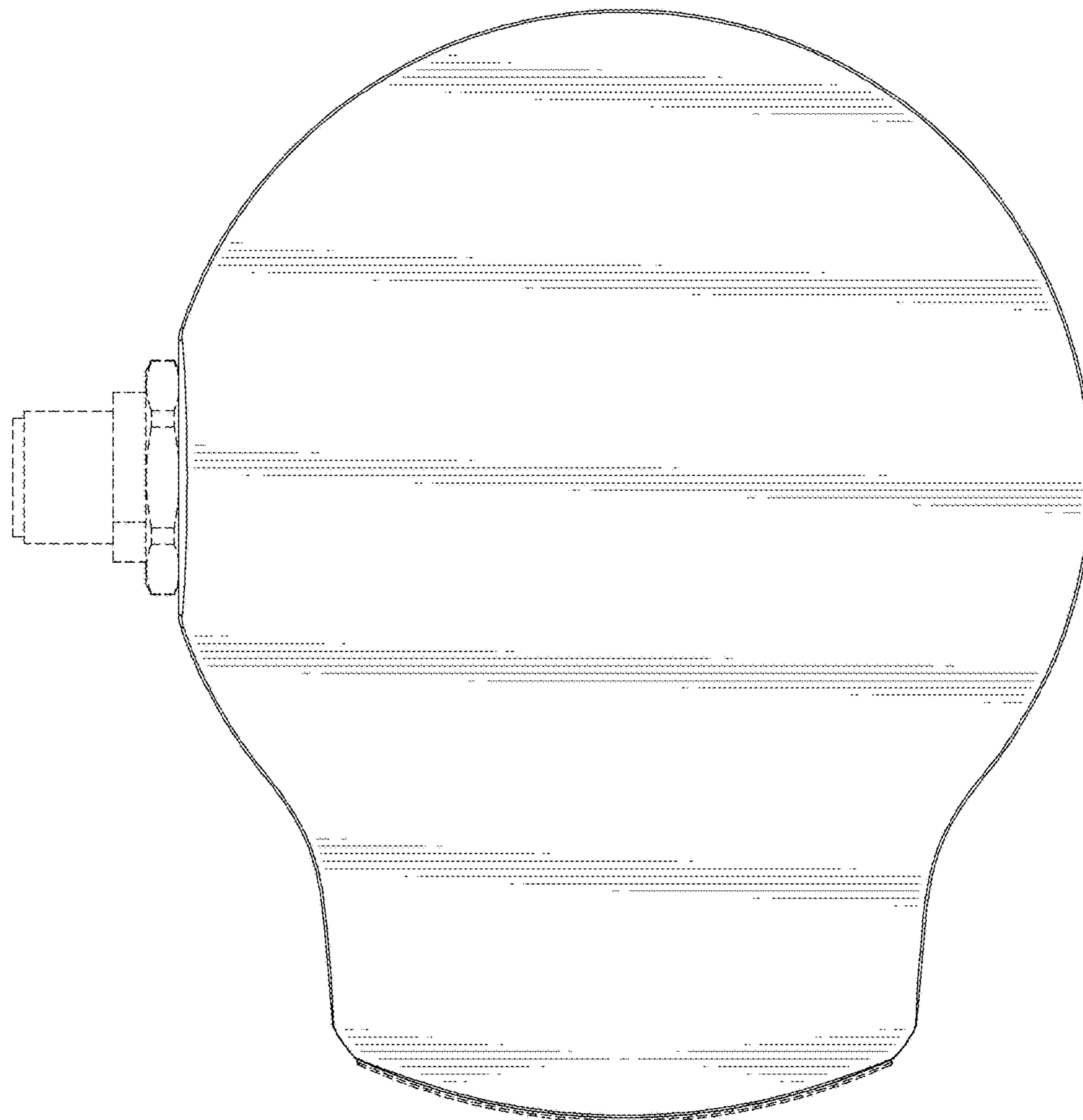


FIG. 4

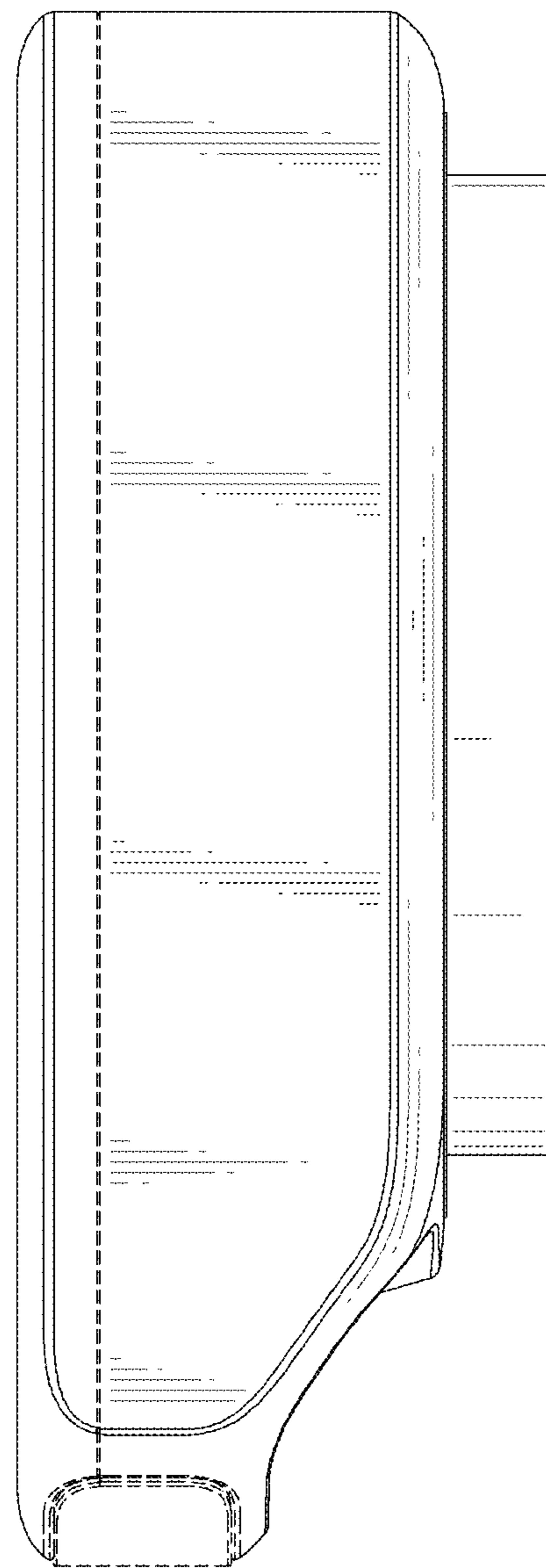


FIG. 5

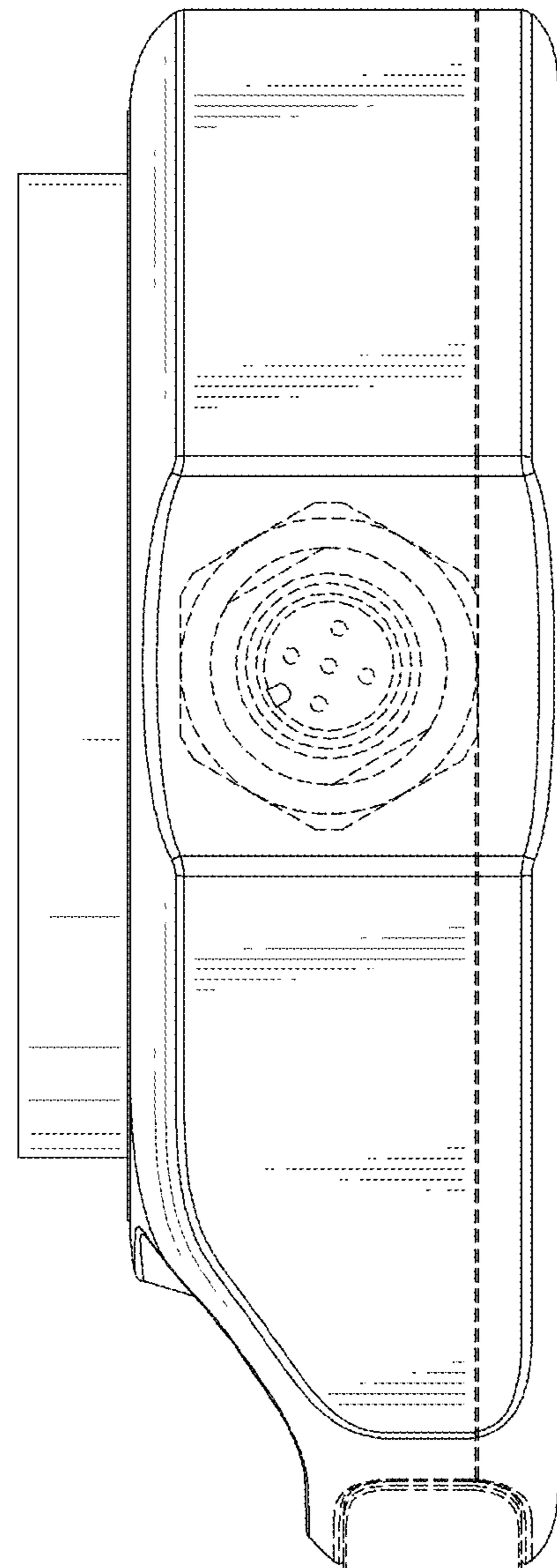


FIG. 6

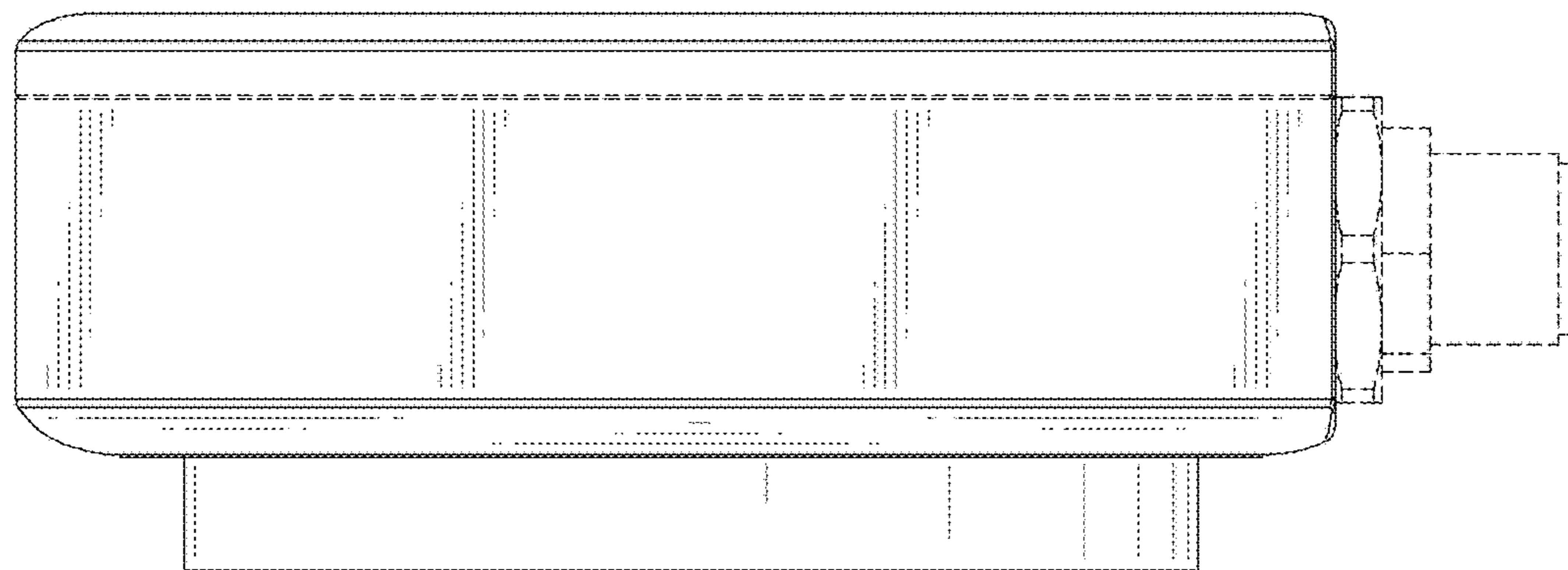


FIG. 7

