



US00D634169S

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

(10) **Patent No.:** **US D634,169 S**
(45) **Date of Patent:** **** Mar. 15, 2011**

(54) **EXTENSION SHAFT WITH A DIGITAL
DISPLAY MODULE FOR A TORSION
WRENCH**

6,671,931 B1 * 1/2004 Duncan 16/435
7,347,127 B2 * 3/2008 Hu 81/177.9
D586,193 S * 2/2009 Escoe et al. D8/24
D602,755 S * 10/2009 Junkers D8/61
2008/0314209 A1 * 12/2008 Chen 81/479

(75) Inventor: **Kuang-Hsin Huang**, Taichung (TW)

* cited by examiner

(73) Assignee: **Taken Etorque Technology Co., Ltd.**,
Taichung (TW)

Primary Examiner—Raphael Barkai
Assistant Examiner—Randall Gholson

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

(21) Appl. No.: **29/375,802**

(57) **CLAIM**

(22) Filed: **Sep. 27, 2010**

The ornamental design for an extension shaft with a digital display module for a torsion wrench, as shown.

(51) **LOC (9) Cl.** **08-05**

DESCRIPTION

(52) **U.S. Cl.** **D8/24**

(58) **Field of Classification Search** D8/21–29;
81/58.3–59.16, 177.1, 177.85, 121.1, 124.3,
81/165–170, 110.1, 176.2, 124.6, 176.1,
81/176.15, 177.2; 16/110.1; D15/144.1;
219/75, 227, 229, 121.16, 121.18; D10/102
See application file for complete search history.

FIG. 1 is a perspective view of an extension shaft with a digital display module for a torsion wrench showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plain view thereof; and,

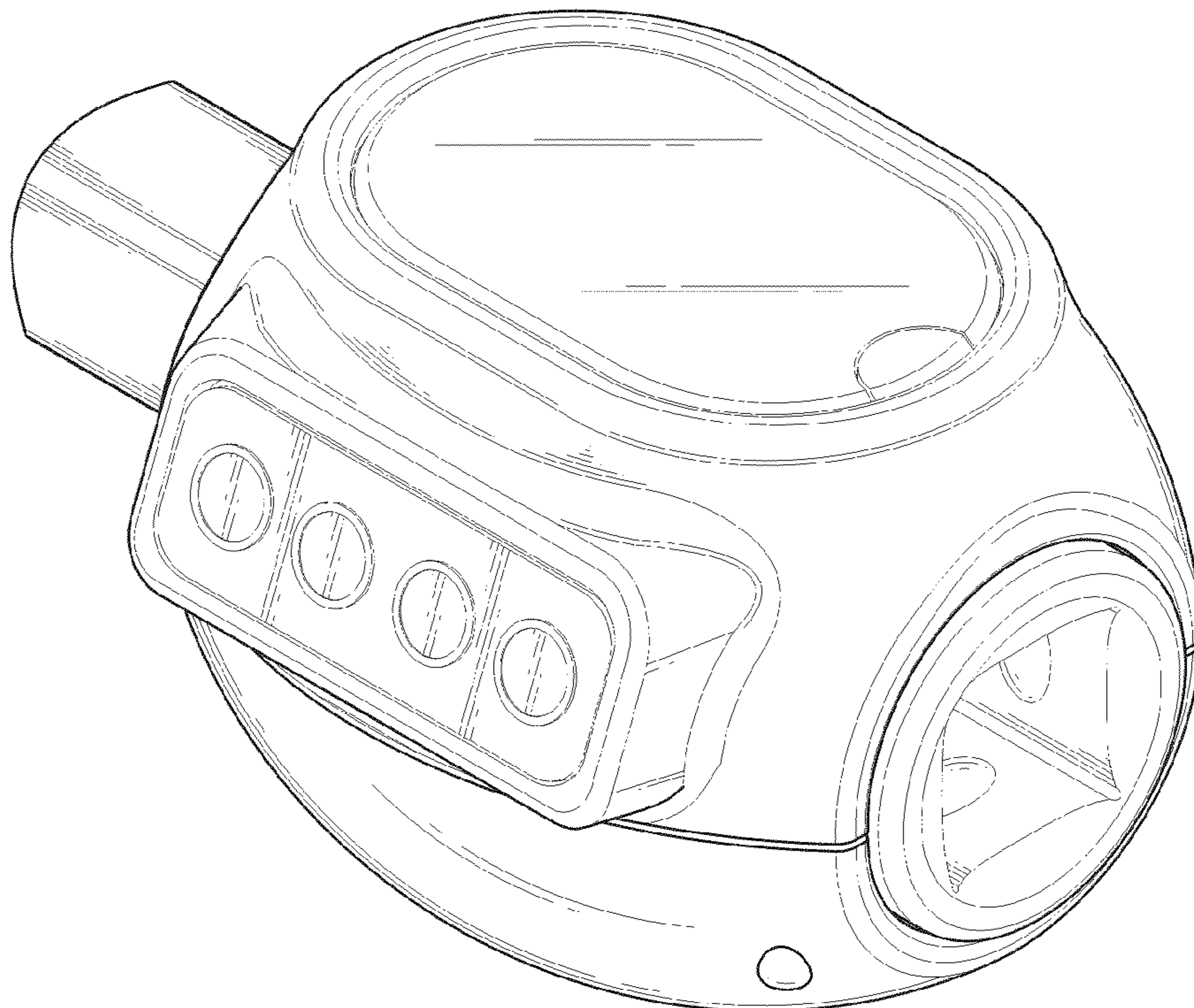
FIG. 7 is a bottom plain view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,116,123 A * 9/2000 Chen 81/177.2
6,189,420 B1 * 2/2001 Shiao 81/60
6,401,301 B1 * 6/2002 Hung 16/430

1 Claim, 7 Drawing Sheets



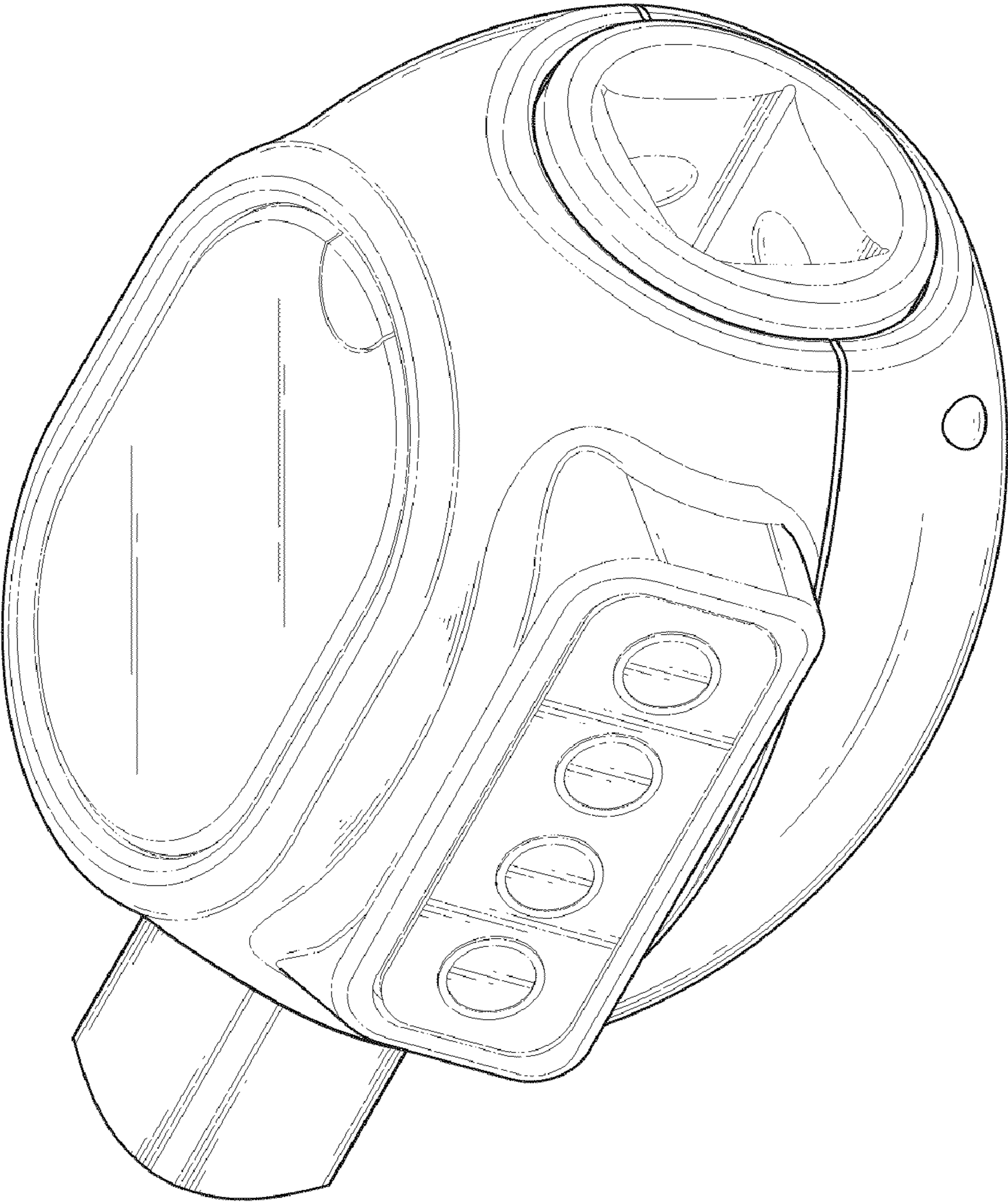


FIG. 1

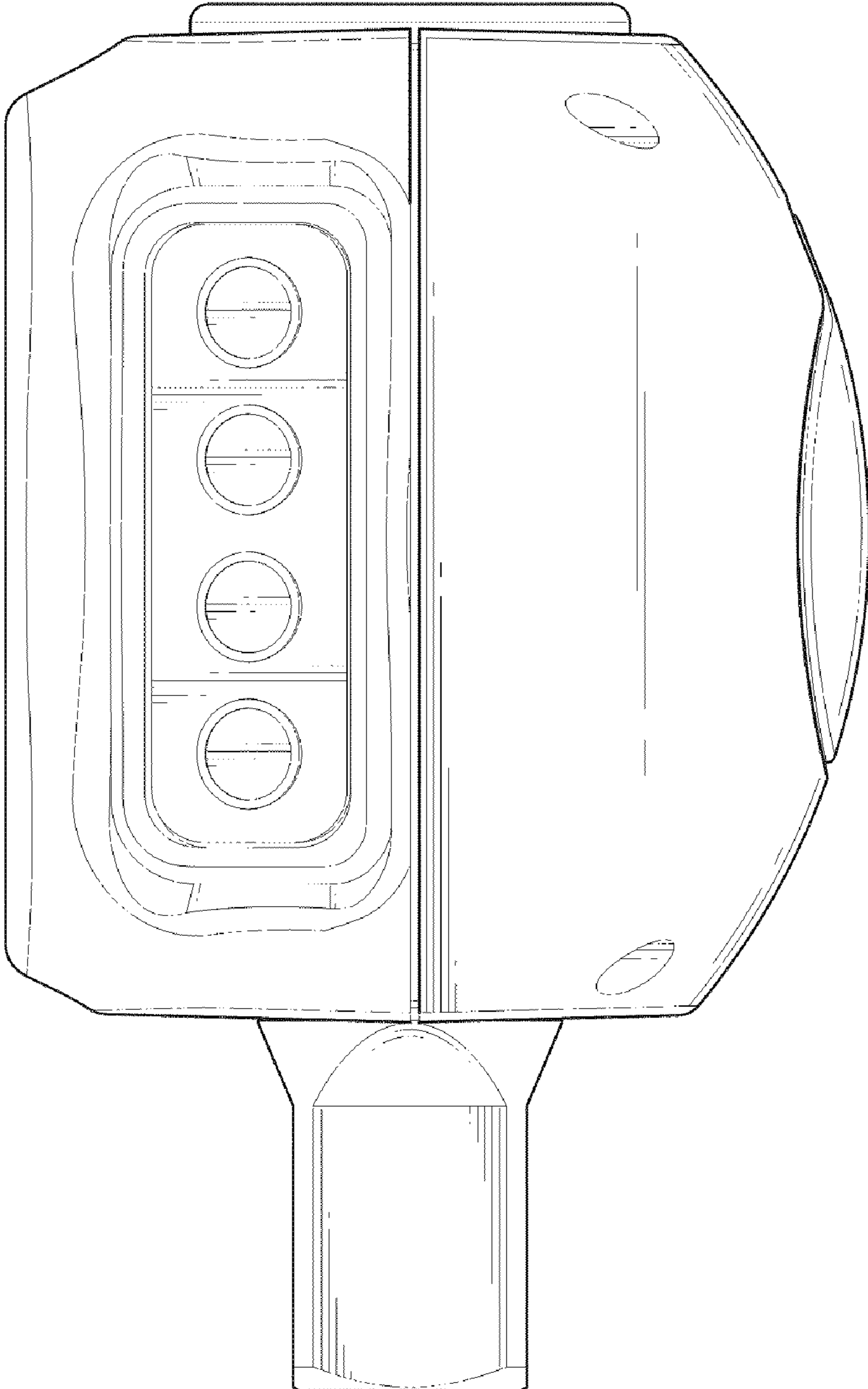


FIG. 2

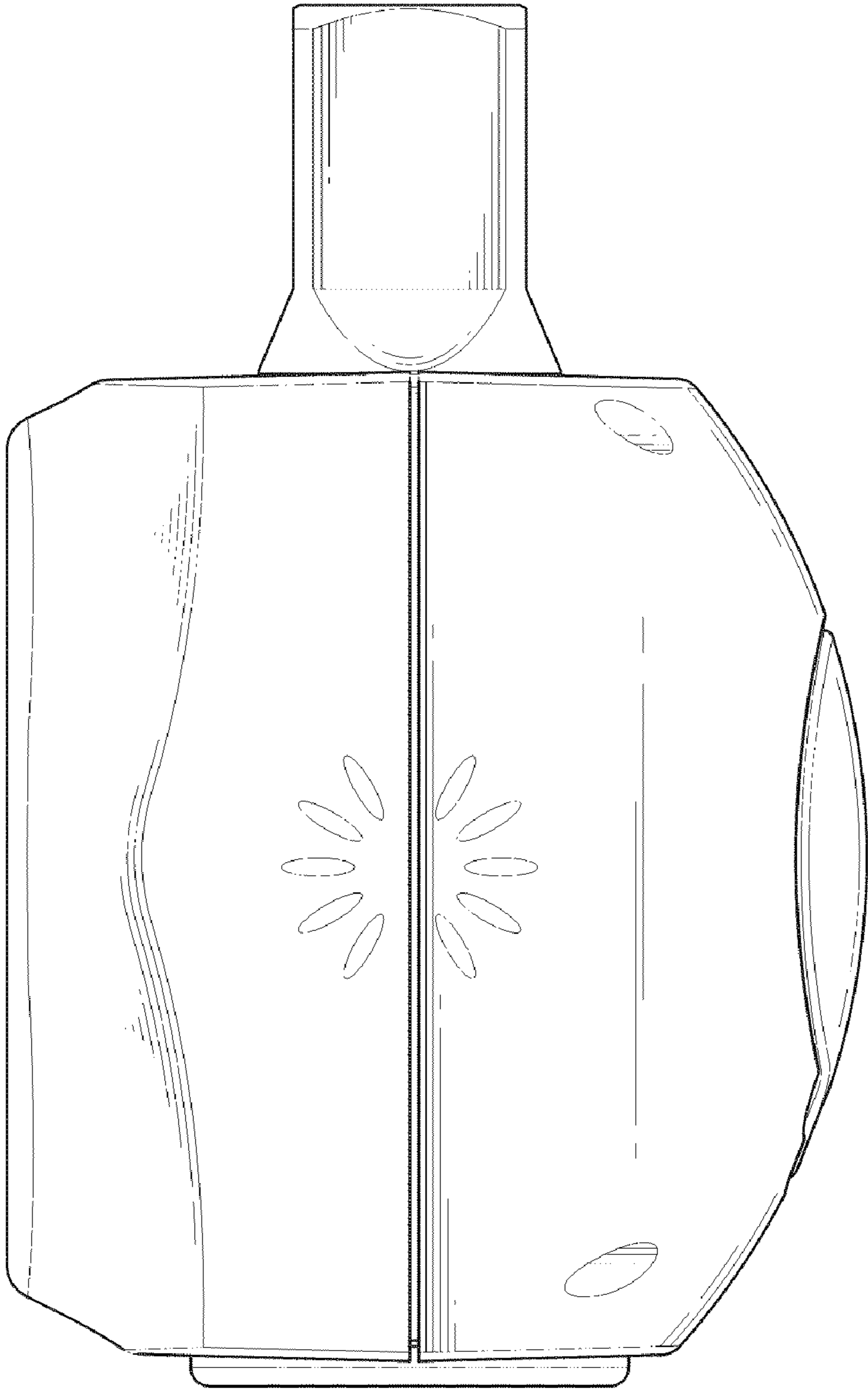


FIG. 3

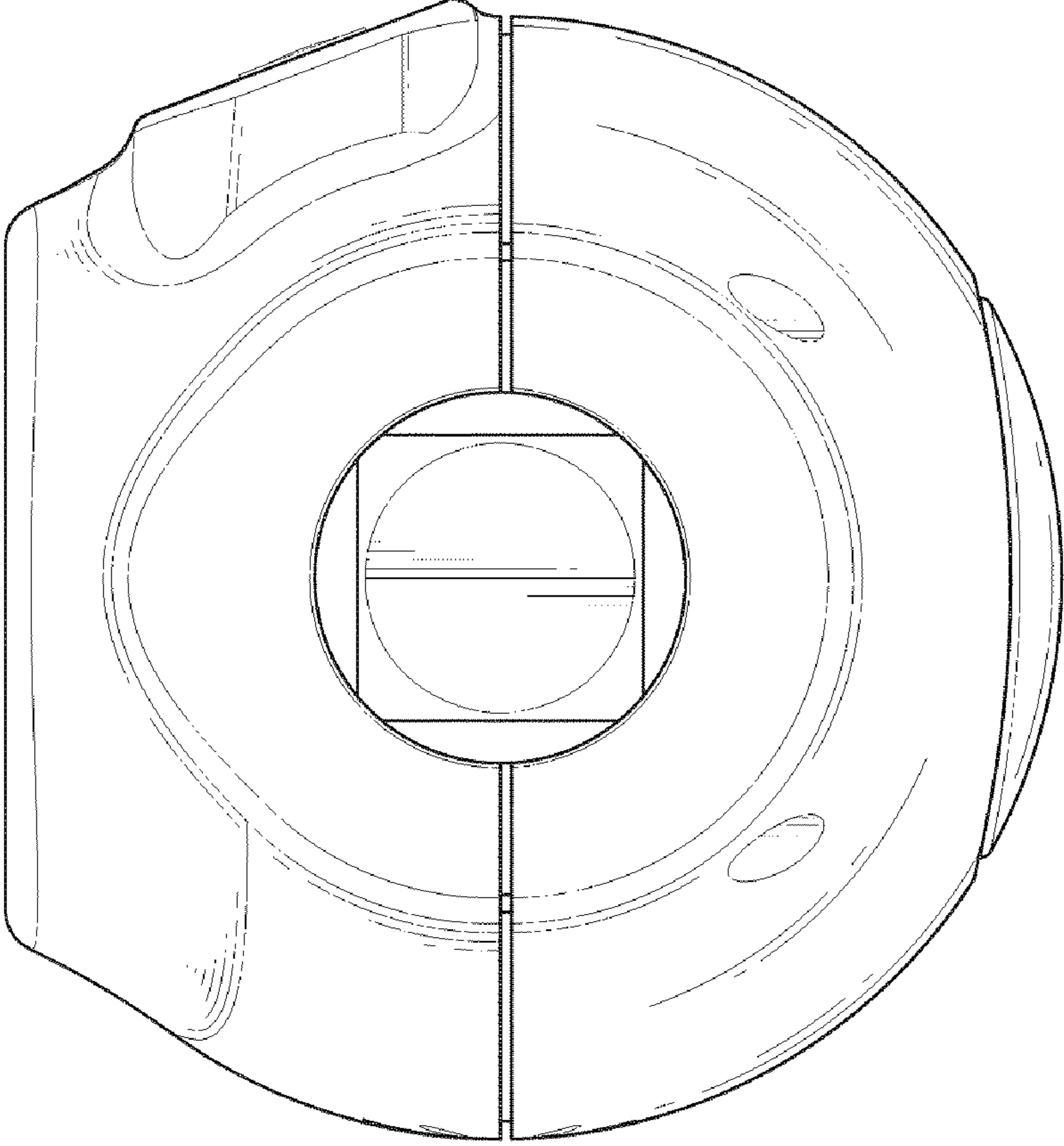


FIG. 4

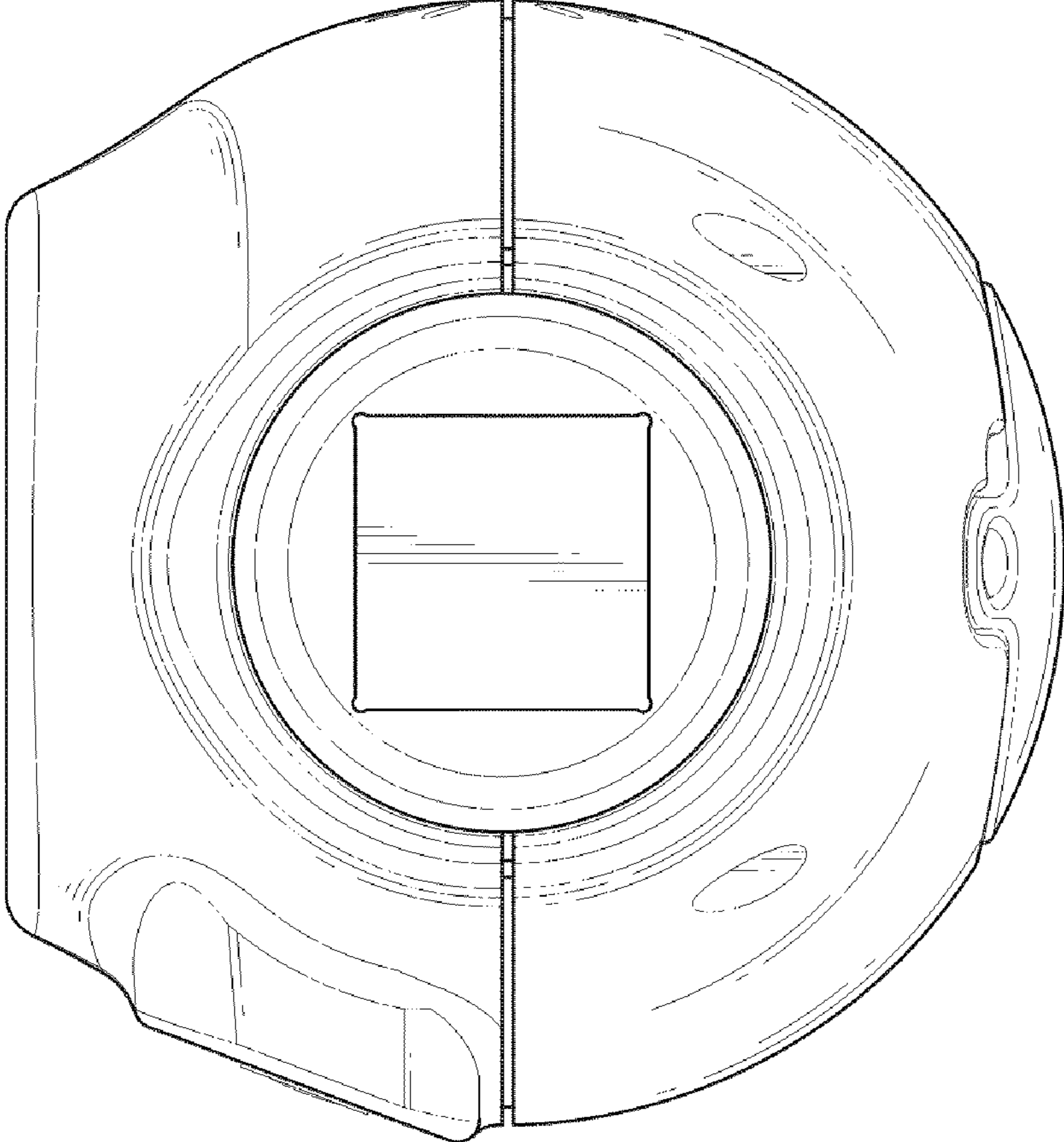


FIG. 5

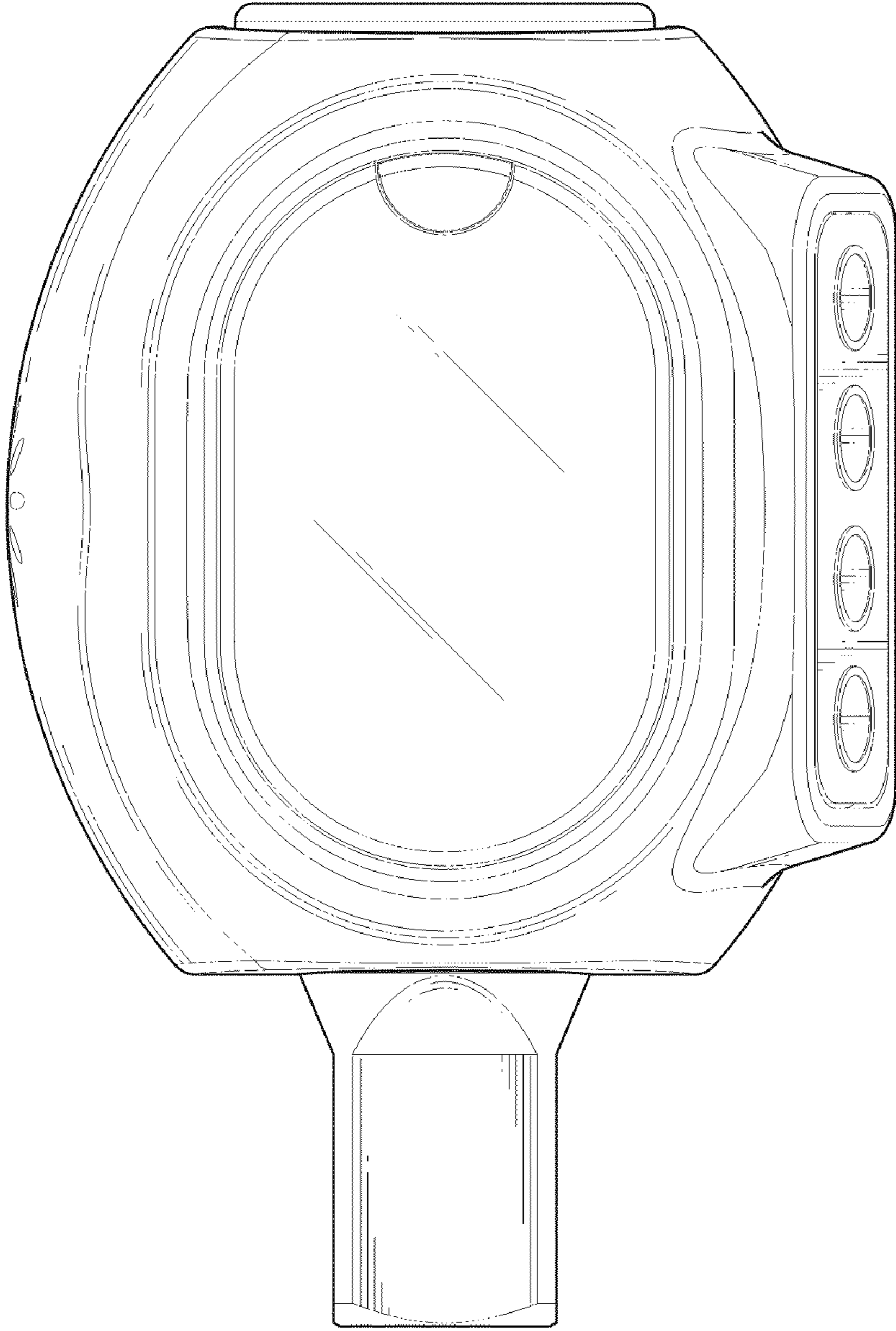


FIG. 6

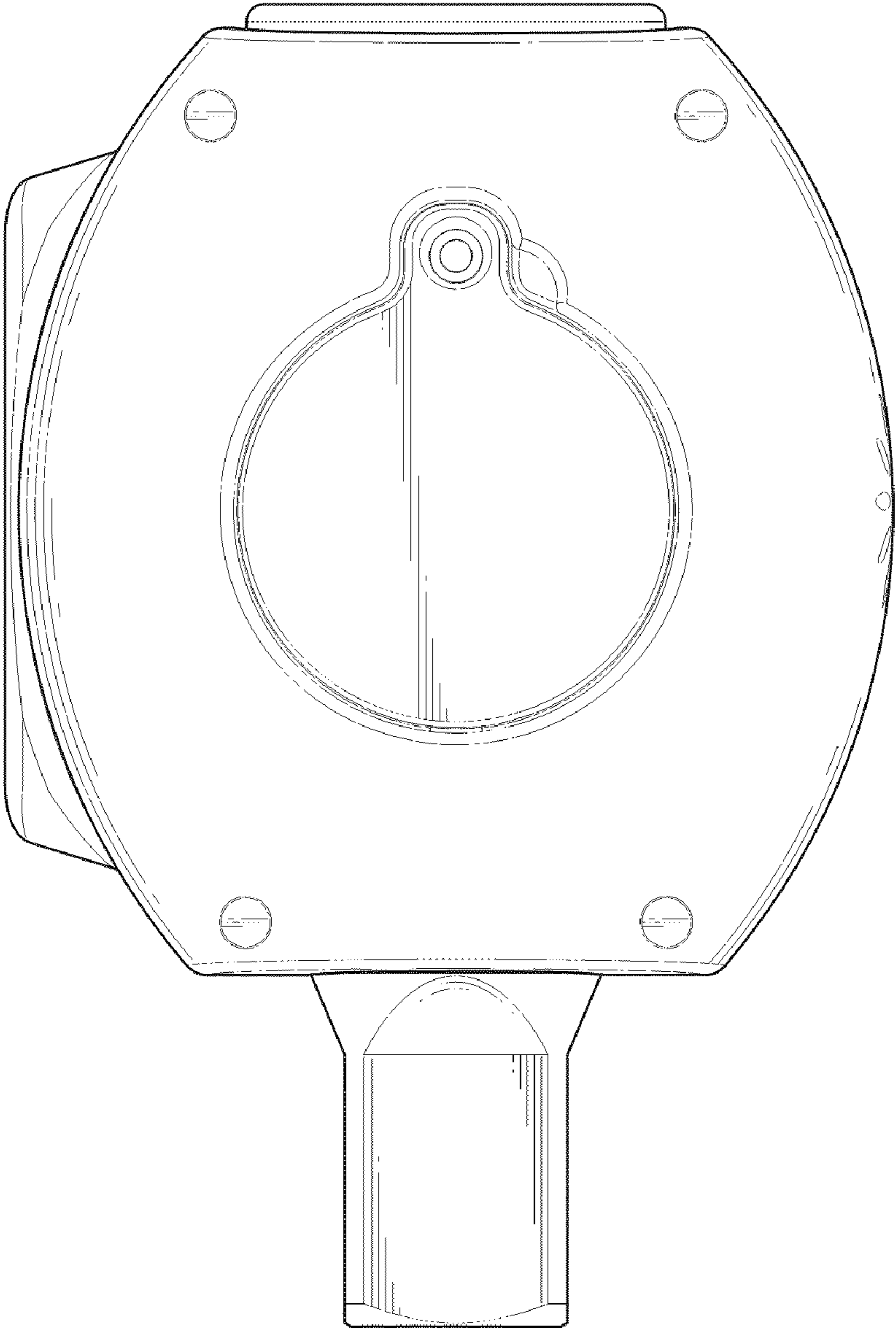


FIG. 7