



US00D890009S

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

(10) **Patent No.:** **US D890,009 S**

(45) **Date of Patent:** **** Jul. 14, 2020**

(54) **HUMAN BODY DETECTOR**

(71) Applicant: **OPTEX CO., LTD.**, Otsu-shi, Shiga
(JP)

(72) Inventors: **Shinya Nishimura**, Otsu (JP);
Hiroyuki Tomooka, Otsu (JP)

(73) Assignee: **OPTEX CO., LTD.** (JP)

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

(21) Appl. No.: **29/669,526**

(22) Filed: **Nov. 8, 2018**

(30) **Foreign Application Priority Data**

May 17, 2018 (JP) 2018-010824

(51) **LOC (12) Cl.** **10-05**

(52) **U.S. Cl.**
USPC **D10/106.6**

(58) **Field of Classification Search**
USPC D10/106.6, 70
CPC G01J 5/04; G08B 13/19
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,757,004 A * 5/1998 Sandell G08B 13/19
250/347
D537,746 S * 3/2007 Kageyama D10/106.6

D680,013 S * 4/2013 Ikeda D10/106.6
D795,108 S * 8/2017 Kondo D10/106.6
10,072,985 B2 * 9/2018 Peterson G01J 5/04
D850,946 S * 6/2019 Zhevelev D10/70
D854,436 S * 7/2019 Morita D10/106.6
D859,186 S * 9/2019 Onishi D10/70
D862,266 S * 10/2019 Kondo D10/106.6

* cited by examiner

Primary Examiner — George D. Kirschbaum

(57) **CLAIM**

The ornamental design for a human body detector, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a human body detector showing our new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a front and left side perspective view thereof with the sensor unit positioned parallel to the base;
FIG. 8 is a front and left side perspective view thereof with the sensor unit rotated in one direction relative to the base; and,
FIG. 9 is a rear and right side perspective view thereof with the sensor unit rotated in the other direction relative to the base.

1 Claim, 9 Drawing Sheets

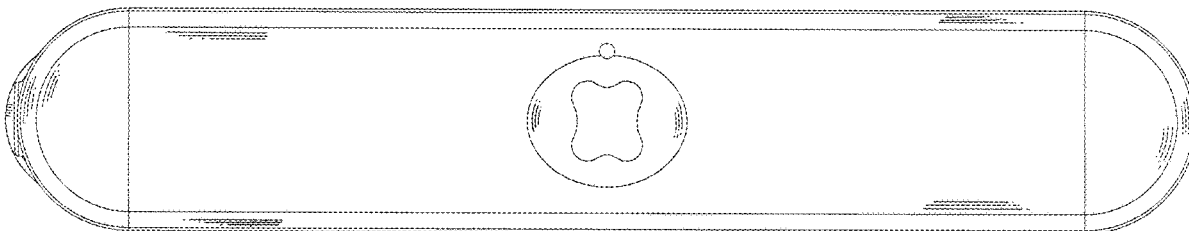


Fig. 1

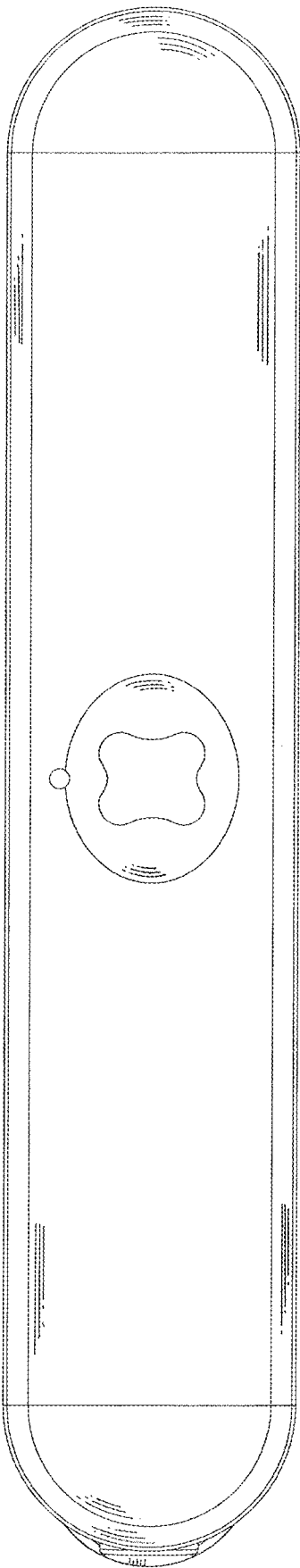


Fig. 2

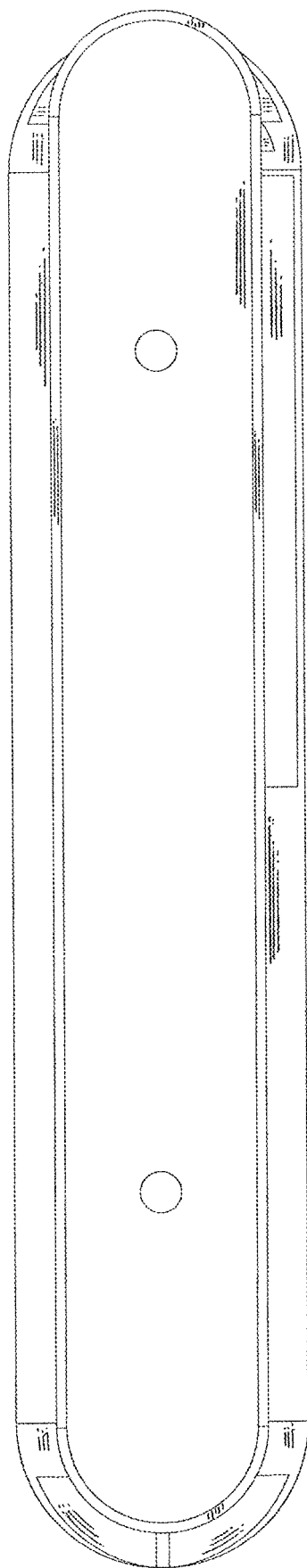


Fig. 3

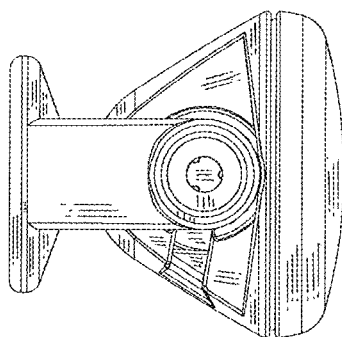


Fig. 4

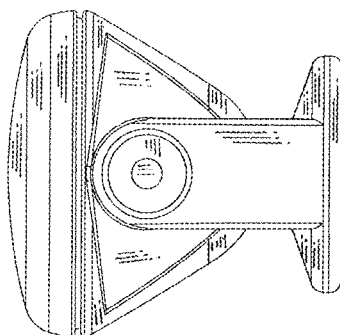


Fig. 5

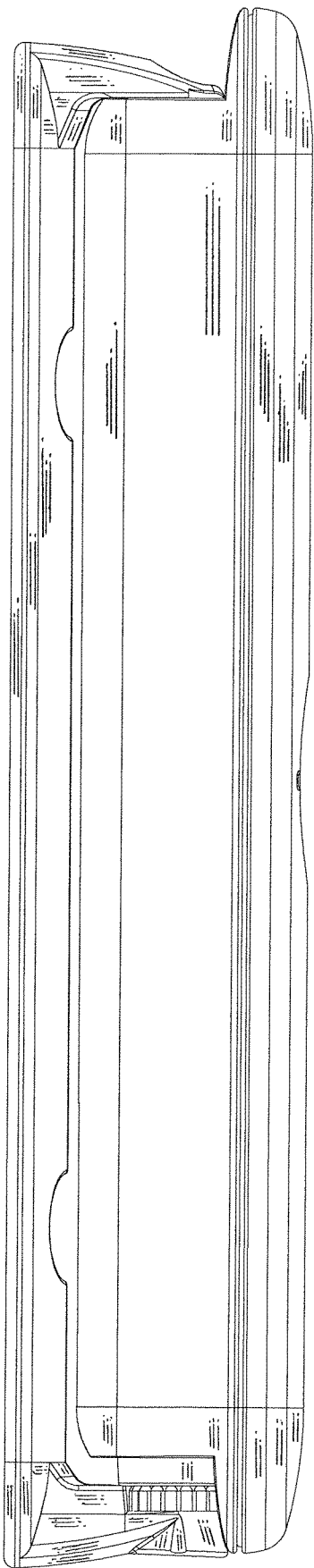
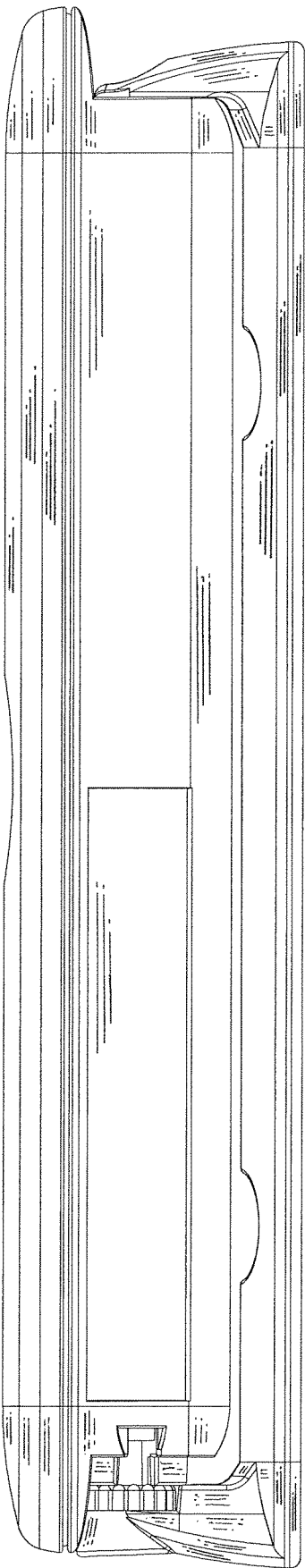


Fig. 6



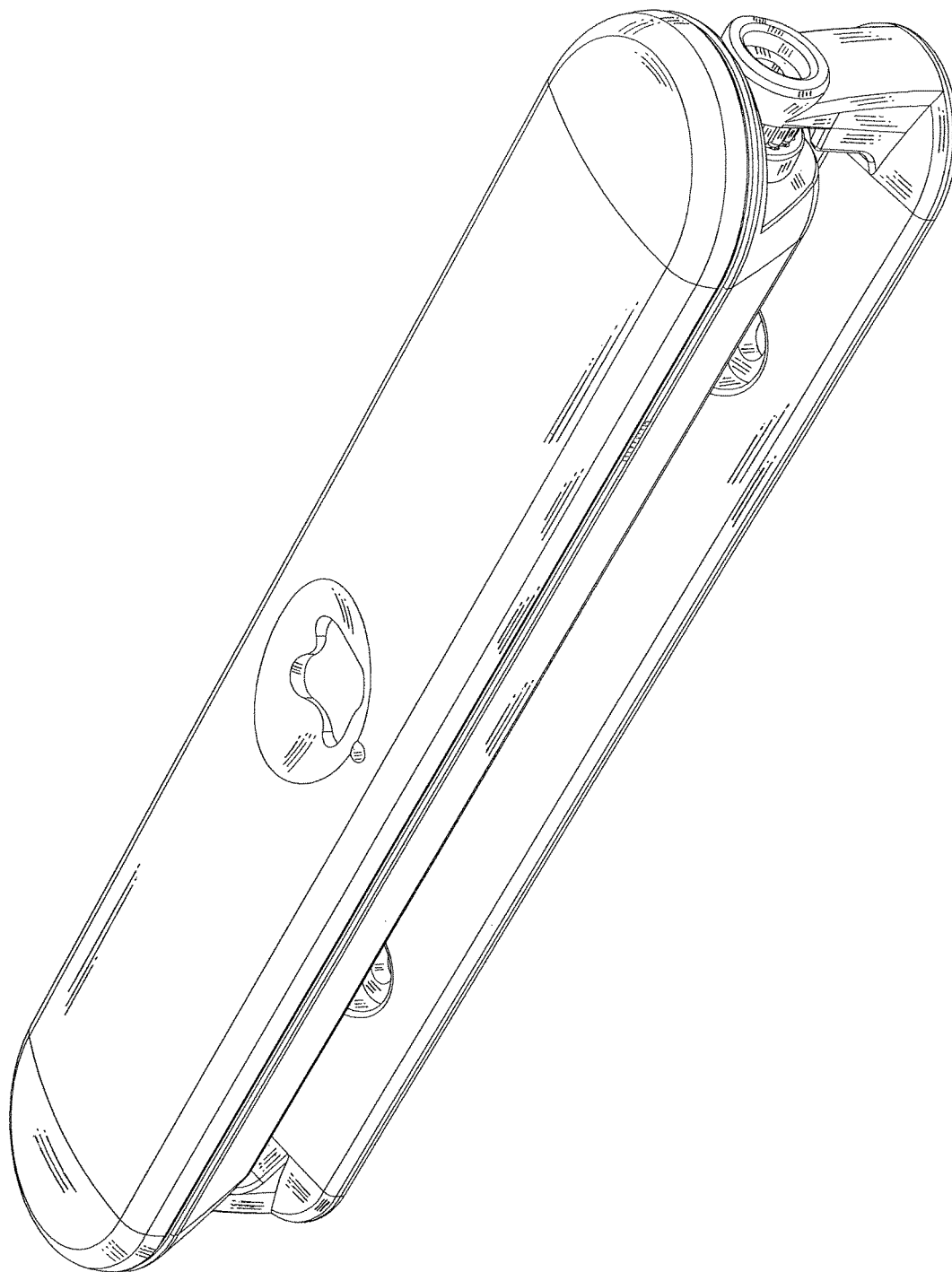


Fig. 7

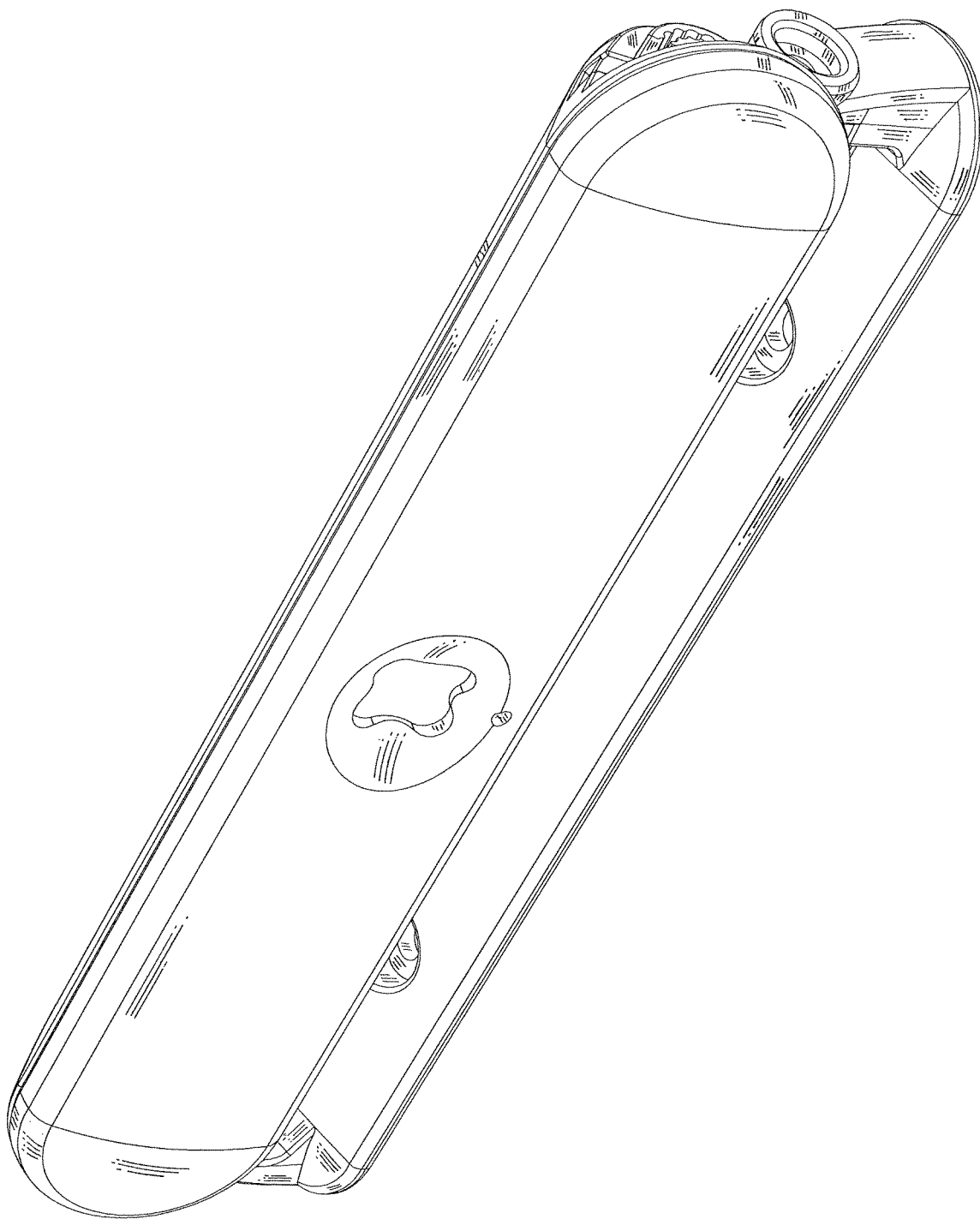


Fig. 8

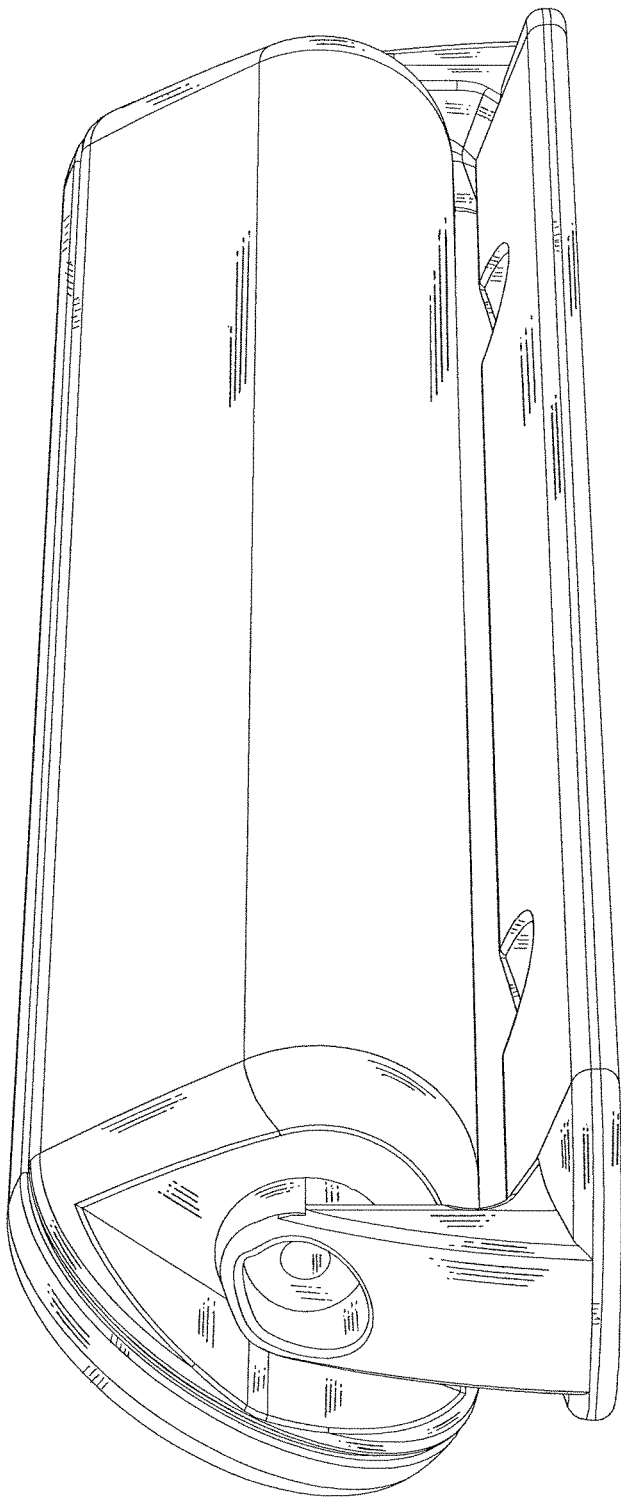


Fig. 9