

US00D878598S

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

(10) **Patent No.:** **US D878,598 S**  
(45) **Date of Patent:** **\*\* Mar. 17, 2020**

(54) **PART OF A CATHETER MANIPULATION DEVICE**

(71) Applicant: **Intuitive Surgical Operations, Inc.**, Sunnyvale, CA (US)

(72) Inventors: **Robert B. Hubler**, Woodinville, WA (US); **Timothy B. Hulford**, San Jose, CA (US)

(73) Assignee: **INTUITIVE SURGICAL OPERATIONS, INC.**, Sunnyvale, CA (US)

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

(21) Appl. No.: **29/648,126**

(22) Filed: **May 18, 2018**

(51) **LOC (12) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/185; D24/164**

(58) **Field of Classification Search**  
USPC ..... D24/185, 164, 110, 128, 165, 107, 129, D24/186; D10/81; D14/154  
CPC ..... A61B 17/12022; A61B 1/00098; A61B 10/04; A61H 23/06; A61M 25/0111; A61M 16/0488  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 2,955,592 A \* 10/1960 MacLean ..... A61B 10/04 600/569
- 3,316,913 A \* 5/1967 Swenson ..... A61M 16/0488 606/108
- 3,335,723 A \* 8/1967 Waldman, Jr. .... A61M 25/0111 604/163
- 3,368,552 A \* 2/1968 Bottcher ..... A61B 1/00098 600/107
- 4,745,910 A \* 5/1988 Day ..... A61H 23/06 601/107

- 4,950,280 A \* 8/1990 Brennan ..... A61B 17/12022 604/1
  - D731,048 S \* 6/2015 Winter ..... D24/107
  - D755,392 S \* 5/2016 Hwang ..... D24/165
  - D757,242 S \* 5/2016 Maksym ..... D24/110
- (Continued)

**OTHER PUBLICATIONS**

Vertut, Jean and Phillipe Coiffet, Robot Technology: Teleoperation and Robotics Evolution and Development, English translation, Prentice-Hall, Inc., Englewood Cliffs, NJ, USA 1986, vol. 3A, 332 pages.

*Primary Examiner* — Rhea Shields

(74) *Attorney, Agent, or Firm* — Haynes and Boone, LLP

(57) **CLAIM**

The ornamental design for a part of a catheter manipulation device, as shown and described.

**DESCRIPTION**

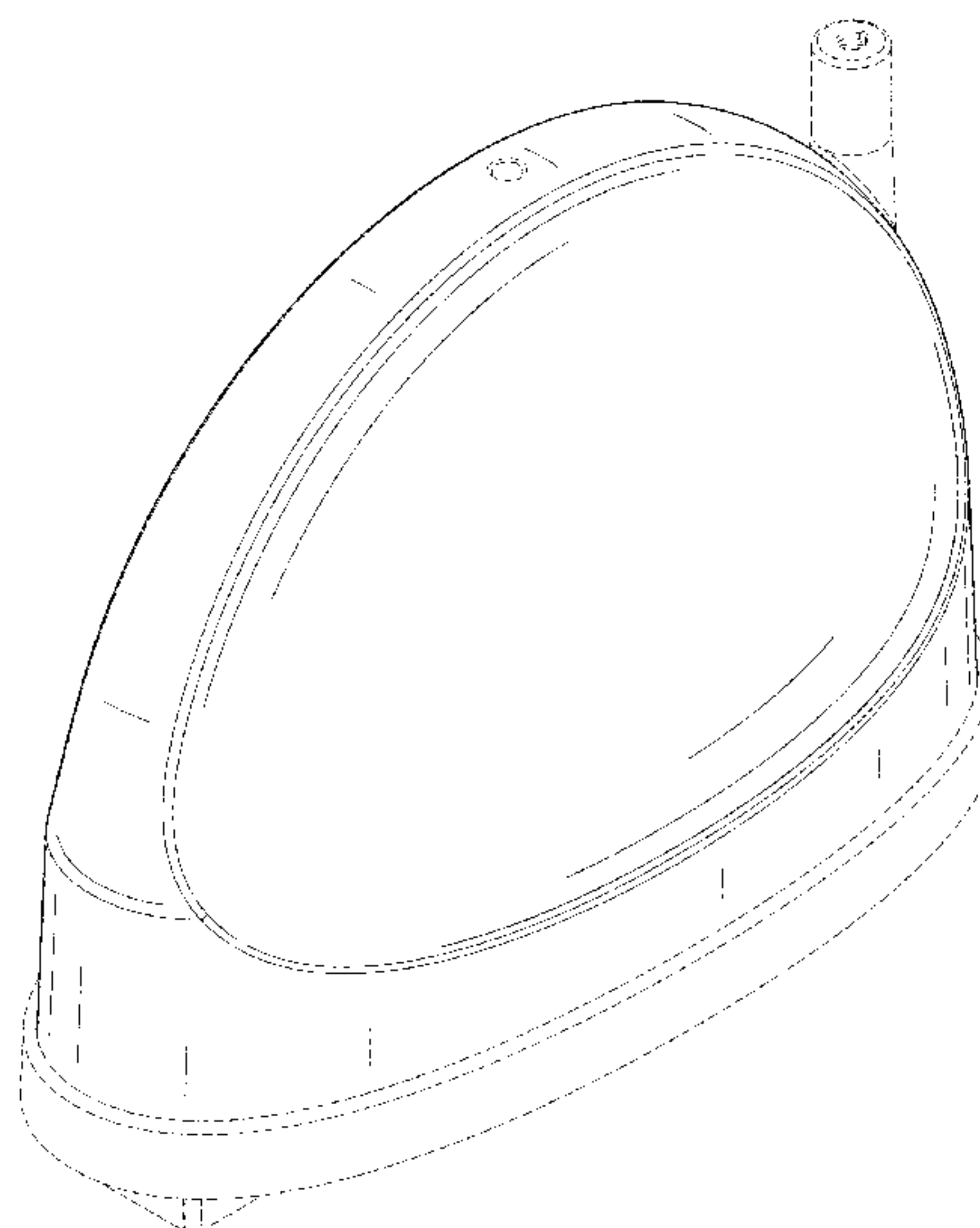
This application is related to U.S. application Ser. No. 29/648,128, filed May 18, 2018, the entire disclosure of which is hereby incorporated herein by reference.

FIG. 1 is a perspective view of a part of a catheter manipulation device showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIGS. 8, 9, 10, and 11 are additional perspective views thereof.

The broken lines shown in FIGS. 1-11 illustrate unclaimed portions of the part of a catheter manipulation device and form no part of the claimed design.

The part of a catheter manipulation device illustrated in FIGS. 1-11 may be, for example, a catheter manipulation device.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

|            |   |         |                 |         |
|------------|---|---------|-----------------|---------|
| D773,034 S | * | 11/2016 | Allnutt .....   | D24/110 |
| D773,035 S | * | 11/2016 | Neuner .....    | D24/110 |
| D773,055 S | * | 11/2016 | Krauss .....    | D10/81  |
| D797,829 S | * | 9/2017  | Lv .....        | D14/154 |
| D804,659 S | * | 12/2017 | Hood .....      | D24/128 |
| D805,629 S | * | 12/2017 | Fiorenza .....  | D24/110 |
| D815,292 S | * | 4/2018  | Goldman .....   | D24/186 |
| D835,260 S | * | 12/2018 | Lisberg .....   | D24/110 |
| D837,365 S | * | 1/2019  | Li .....        | D24/110 |
| D840,529 S | * | 2/2019  | Steinberg ..... | D24/110 |
| D848,617 S | * | 5/2019  | Ramstad .....   | D24/129 |
| D855,792 S | * | 8/2019  | Toksoz .....    | D24/110 |
| D858,745 S | * | 9/2019  | Kurgan .....    | D24/110 |

\* cited by examiner

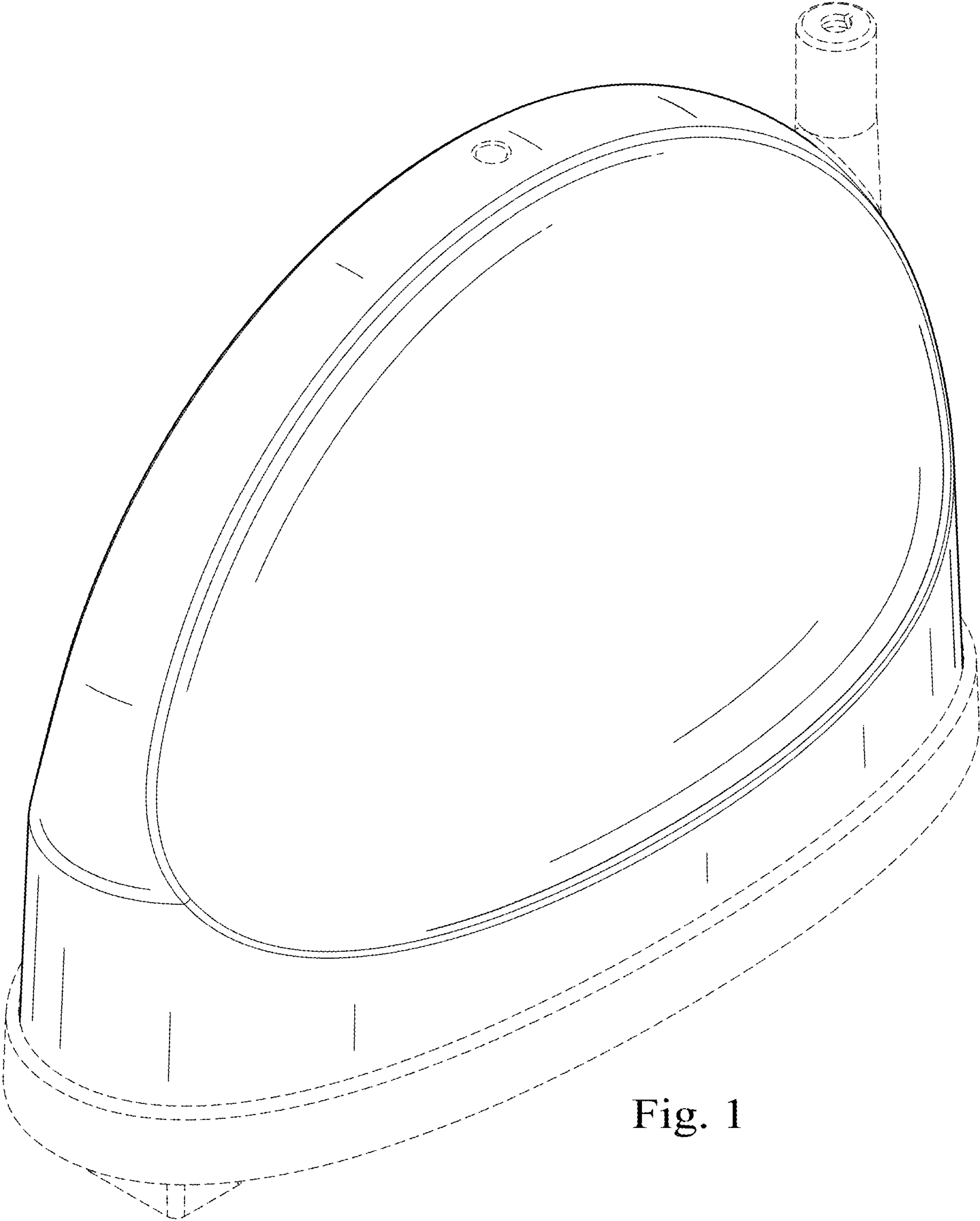


Fig. 1

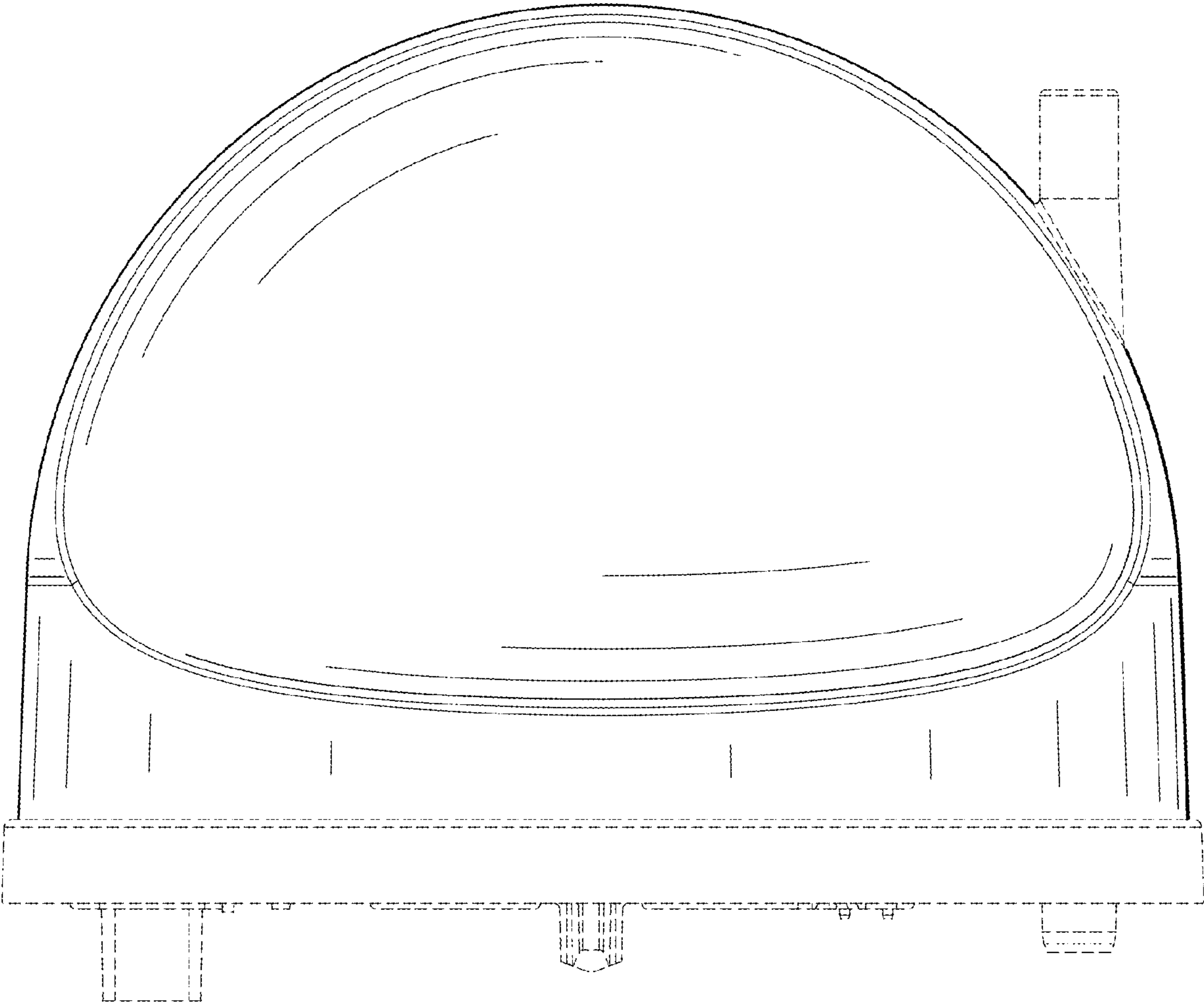


Fig. 2

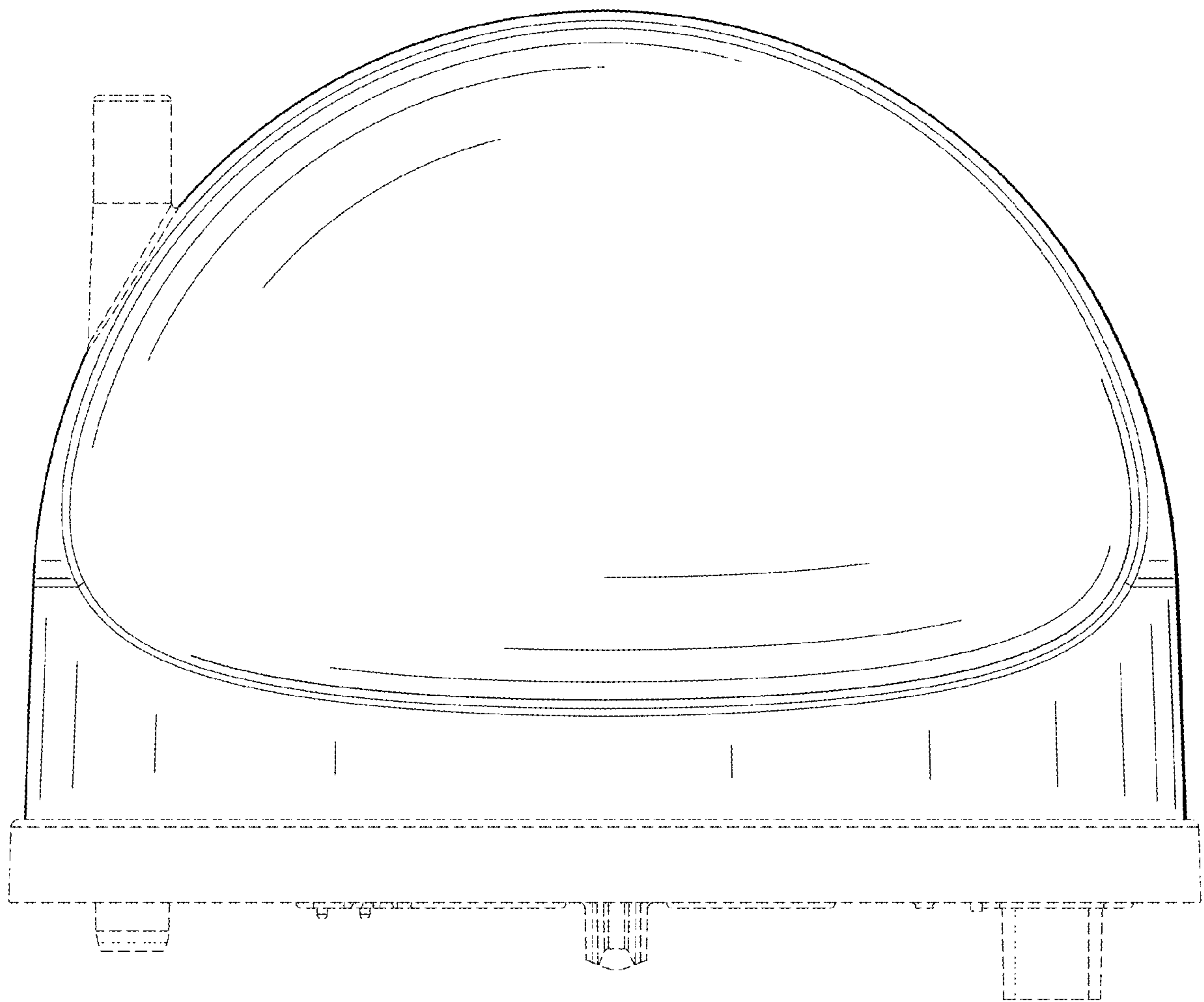


Fig. 3



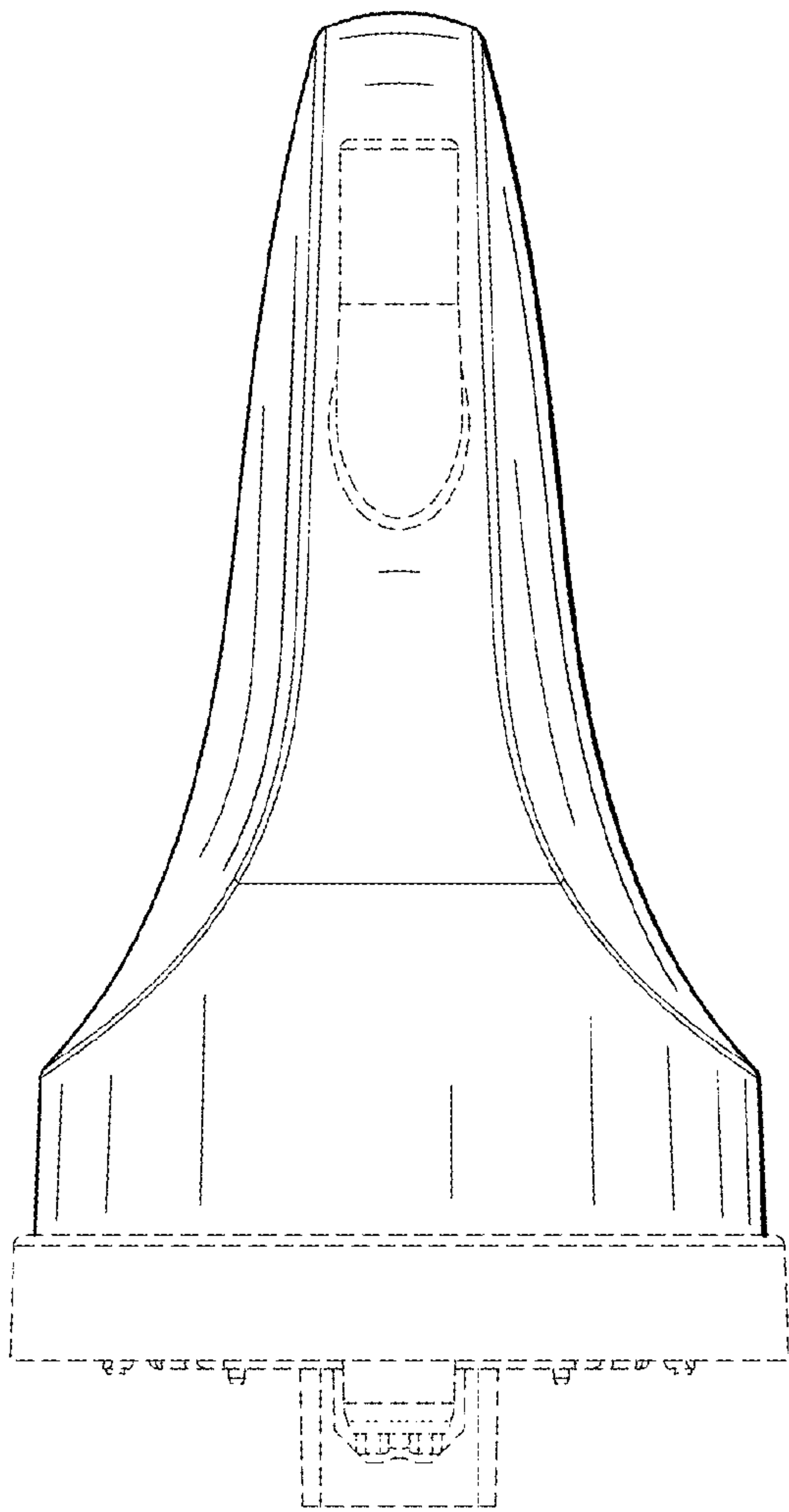


Fig. 4

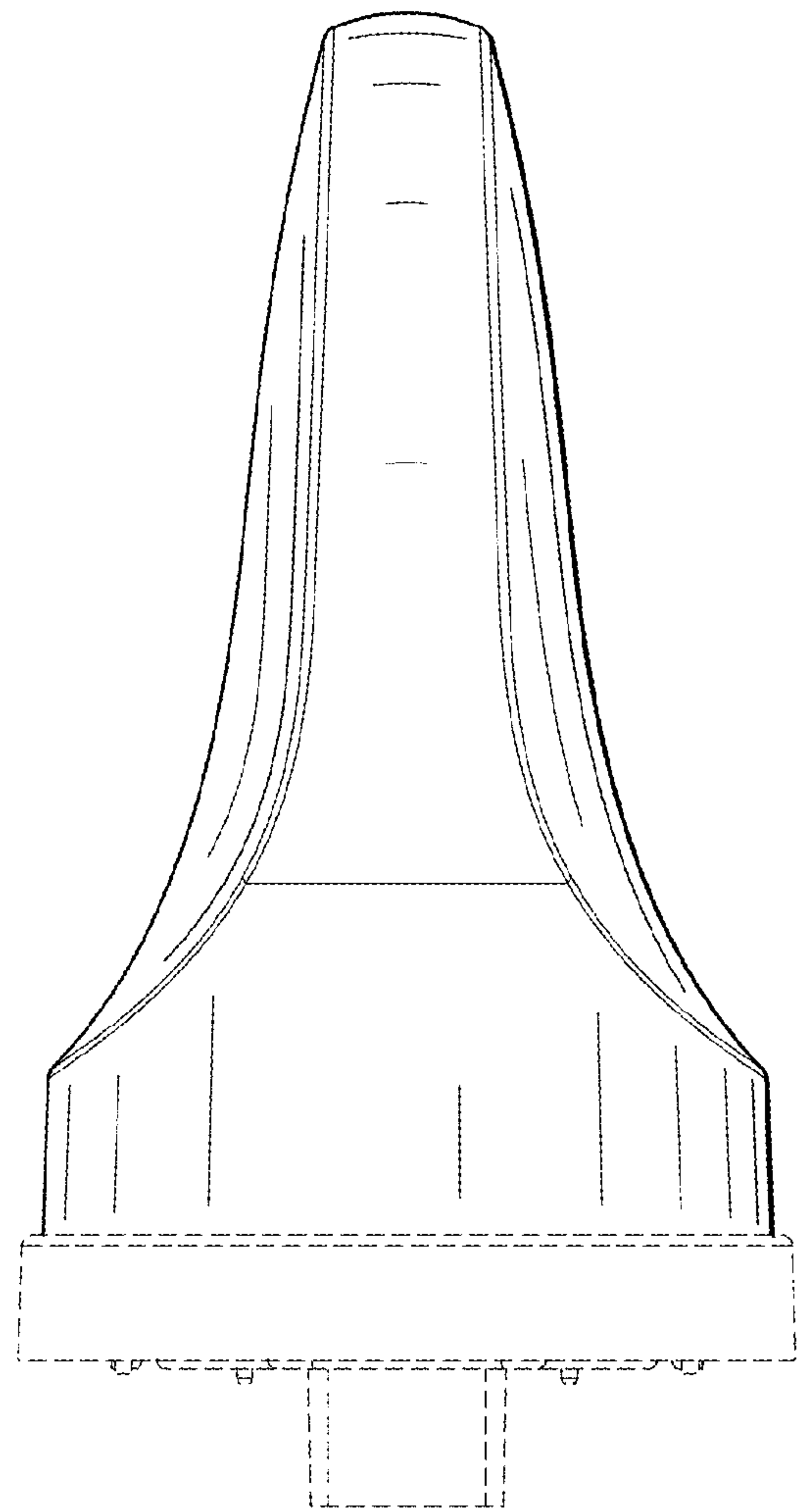


Fig. 5

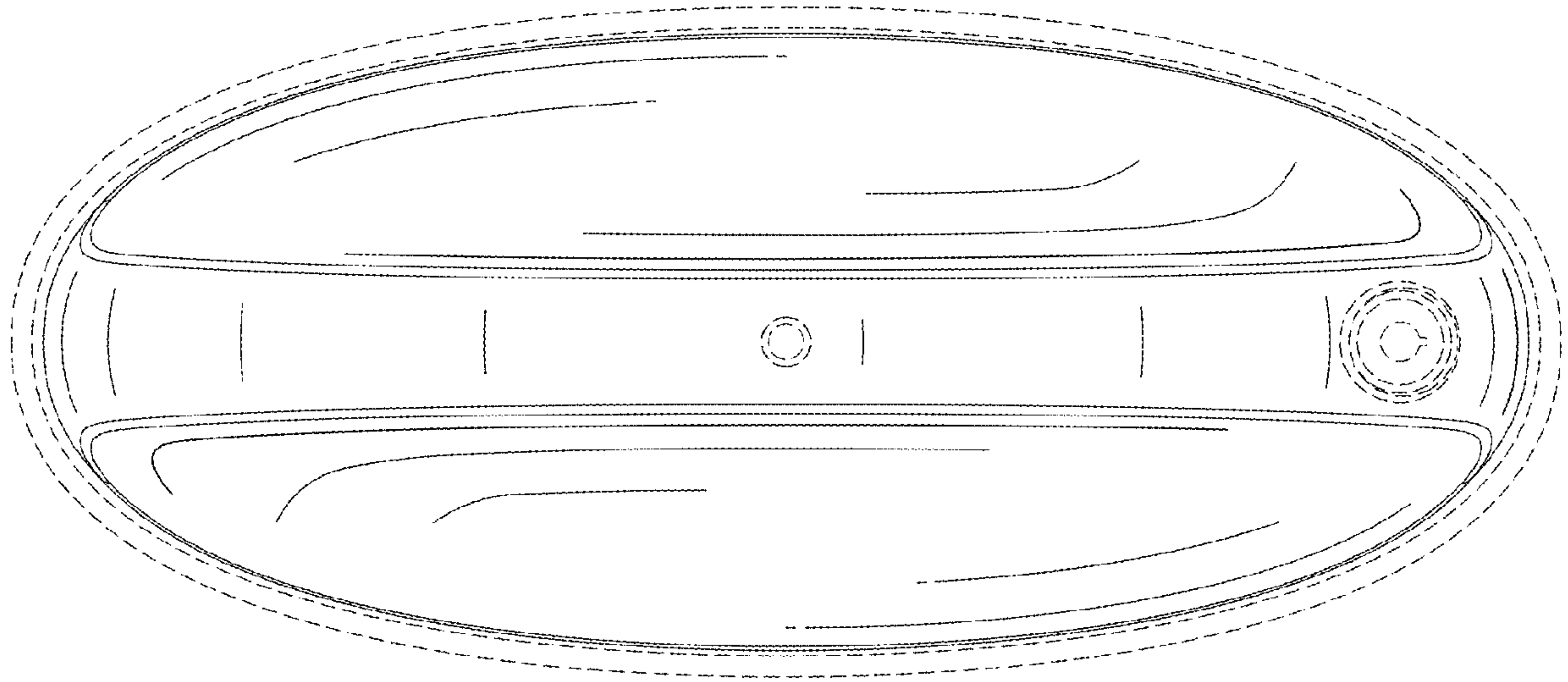


Fig. 6

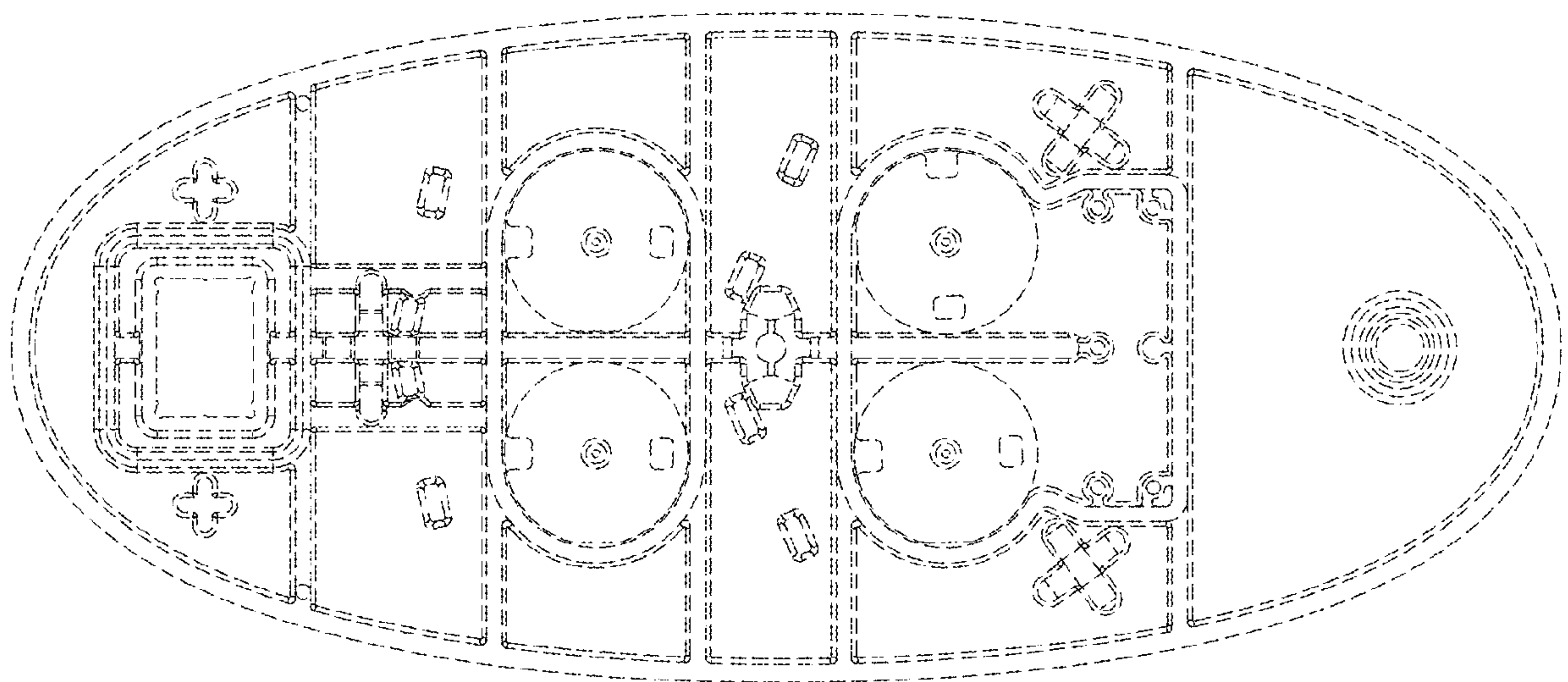


Fig. 7

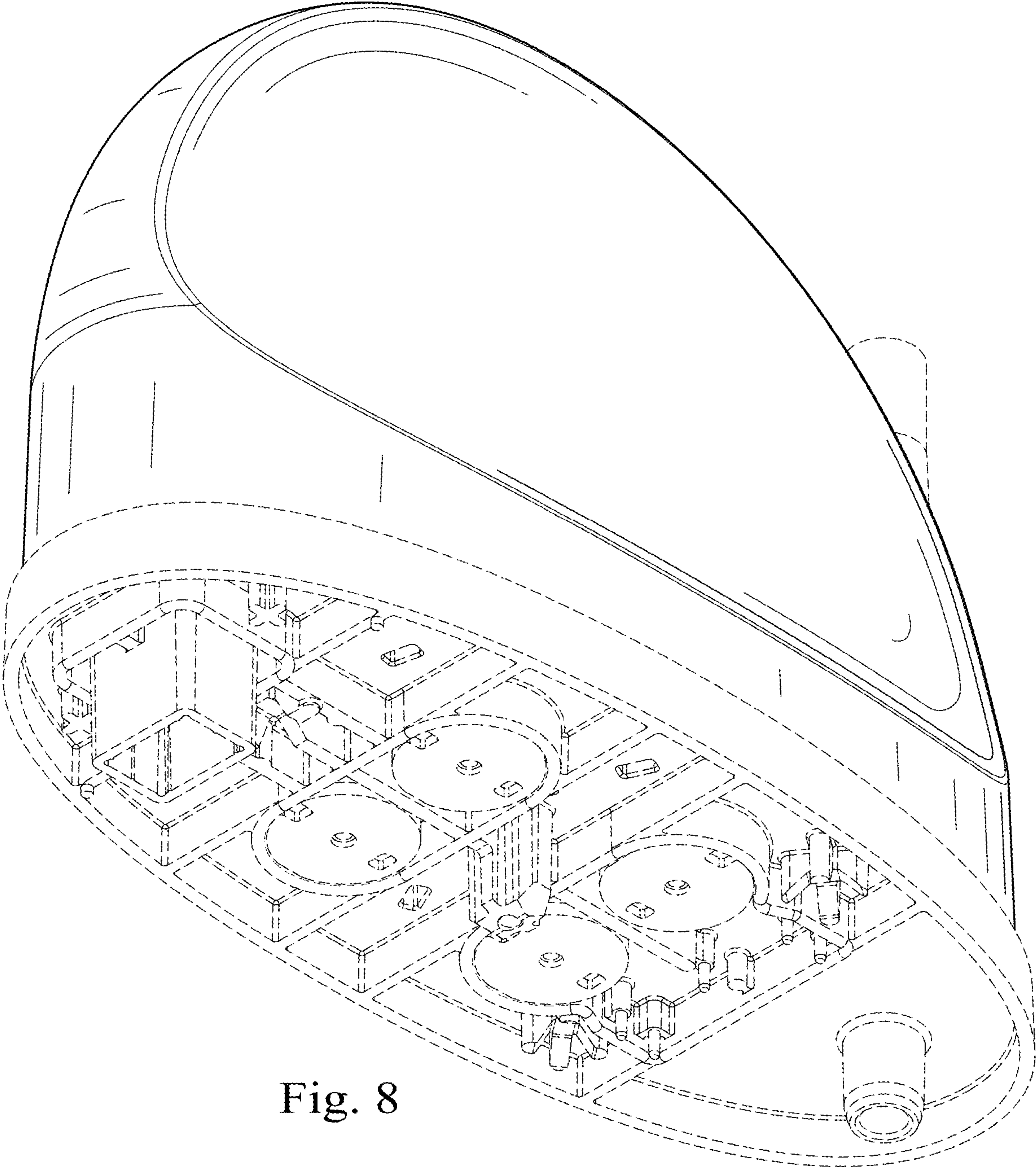


Fig. 8



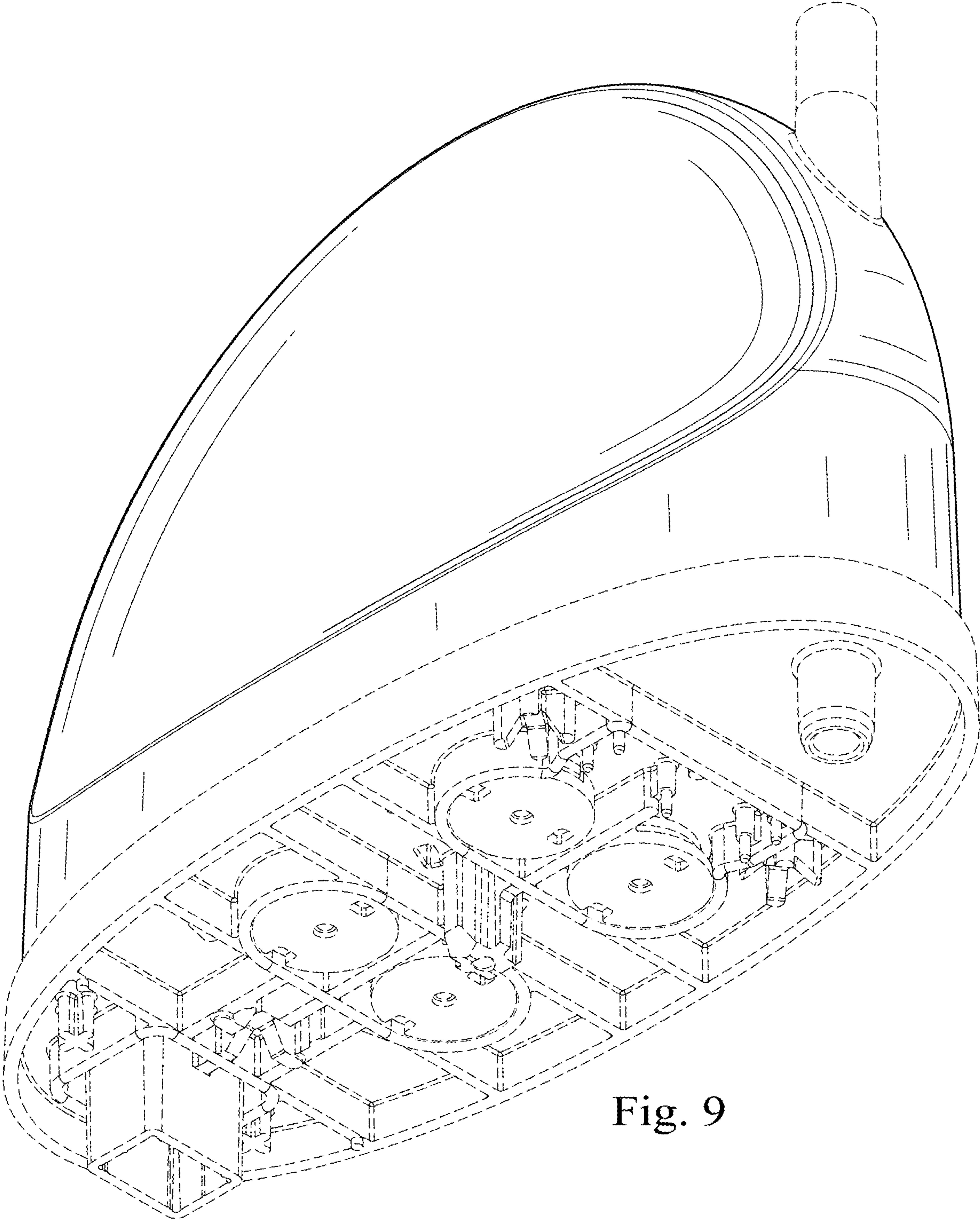


Fig. 9

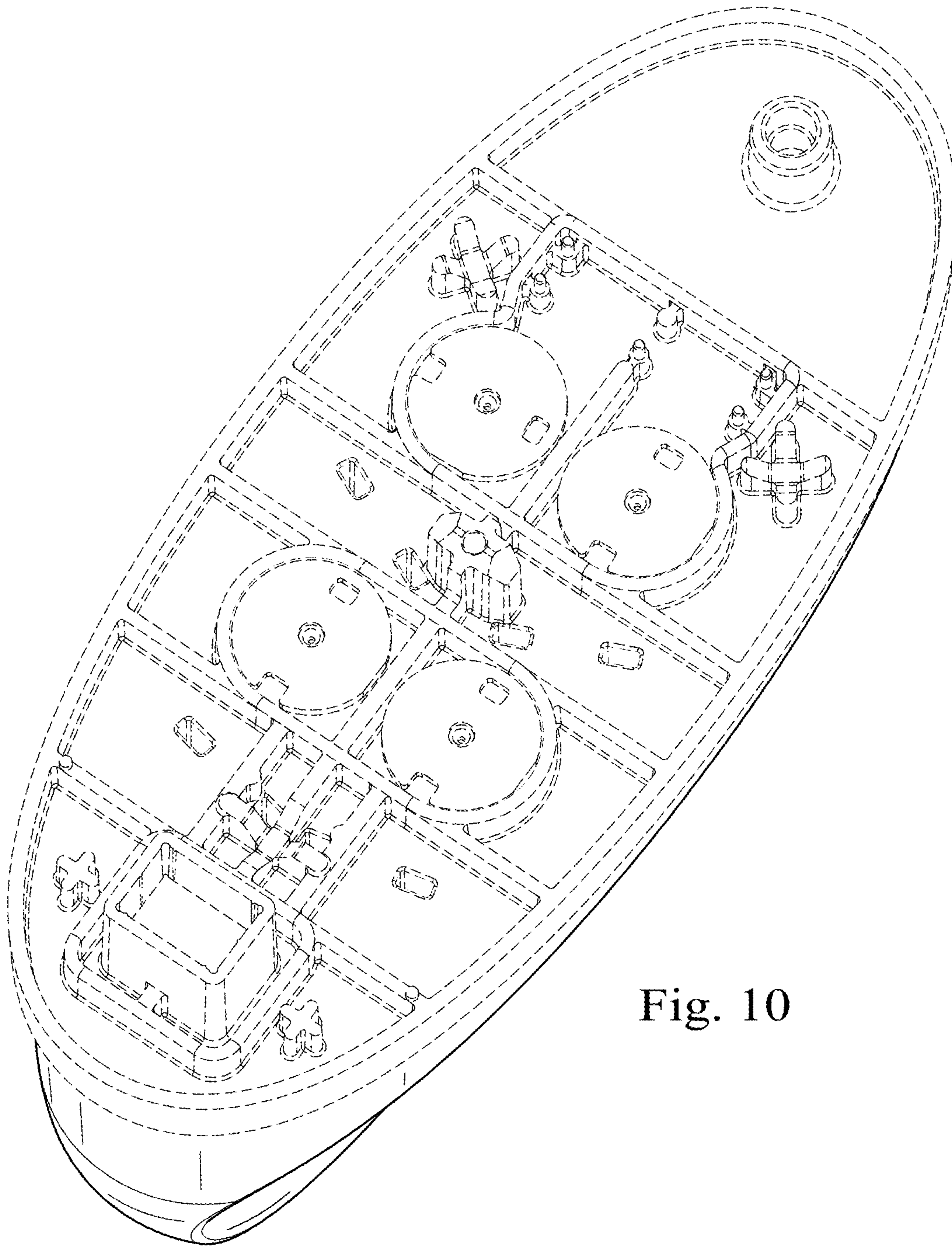


Fig. 10

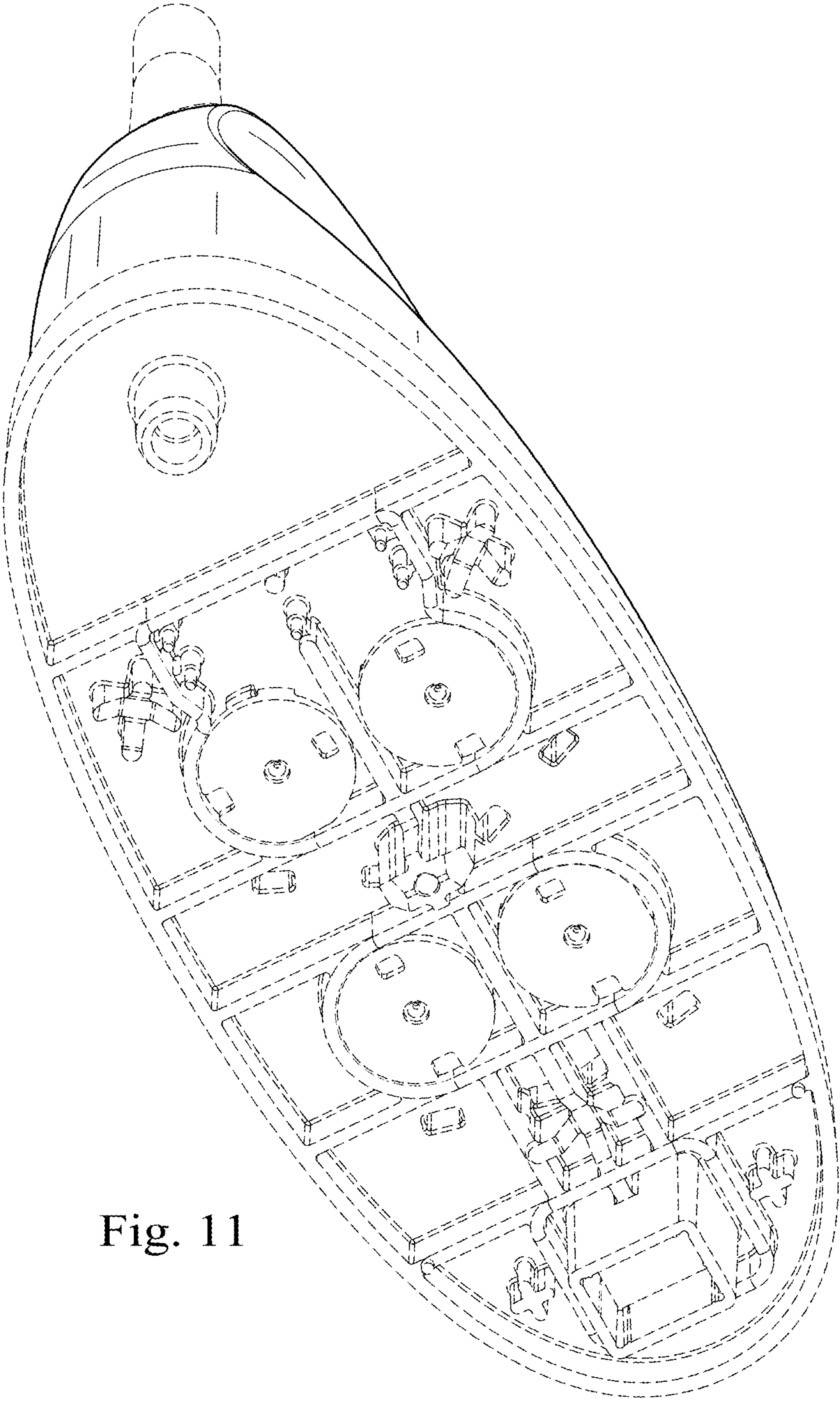


Fig. 11