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(12) **United States Design Patent** (10) **Patent No.:** **US D972,101 S**  
**Lee** (45) **Date of Patent:** **\*\* Dec. 6, 2022**

(54) **AIR PURIFIER**  
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(72) Inventor: **Leander Lee**, Hong Kong (HK)  
(73) Assignee: **Bloomy Lotus Ltd**, Hong Kong (HK)  
(\*\*) Term: **15 Years**

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(21) Appl. No.: **29/757,466**  
(22) Filed: **Nov. 5, 2020**

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(30) **Foreign Application Priority Data**

May 8, 2020 (HK) ..... 2016117.0

(51) **LOC (13) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/364**

(58) **Field of Classification Search**  
USPC ..... D23/332, 336, 356, 359, 364-365, 378,  
D23/499; D14/204, 214, 240, 314, 496;  
D16/203-216  
CPC ..... F24F 1/029; F24F 1/035; F24F 1/0287;  
F24F 6/06; F24F 6/14; F24F 13/06; F24F  
13/20; F24F 13/222; F24F 3/16; F24F  
3/1405; A61L 9/03

See application file for complete search history.

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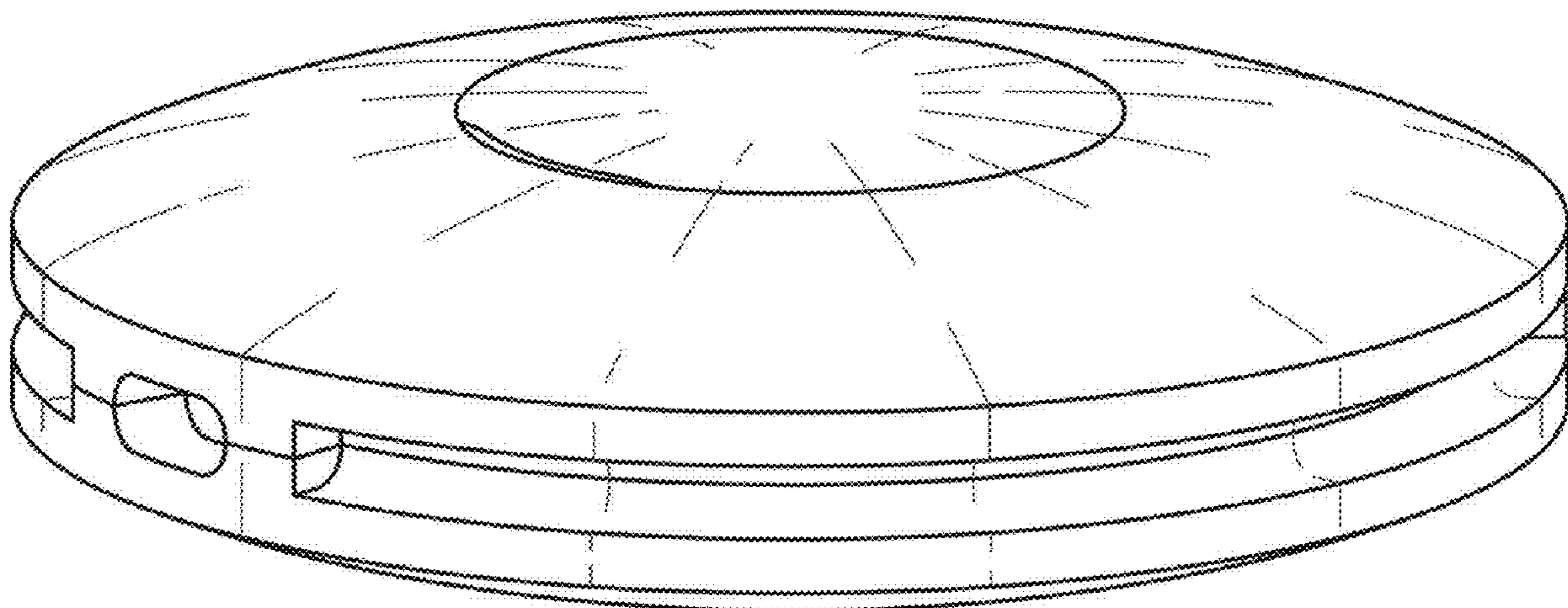
(57) **CLAIM**

The ornamental design for an air purifier, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of an air purifier showing my new design;  
FIG. 2 is a rear elevational view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a top, front and right side perspective view thereof;  
FIG. 8 is a bottom, rear and left side perspective view thereof; and,  
FIG. 9 is a top and front perspective view thereof.

**1 Claim, 9 Drawing Sheets**



(56)

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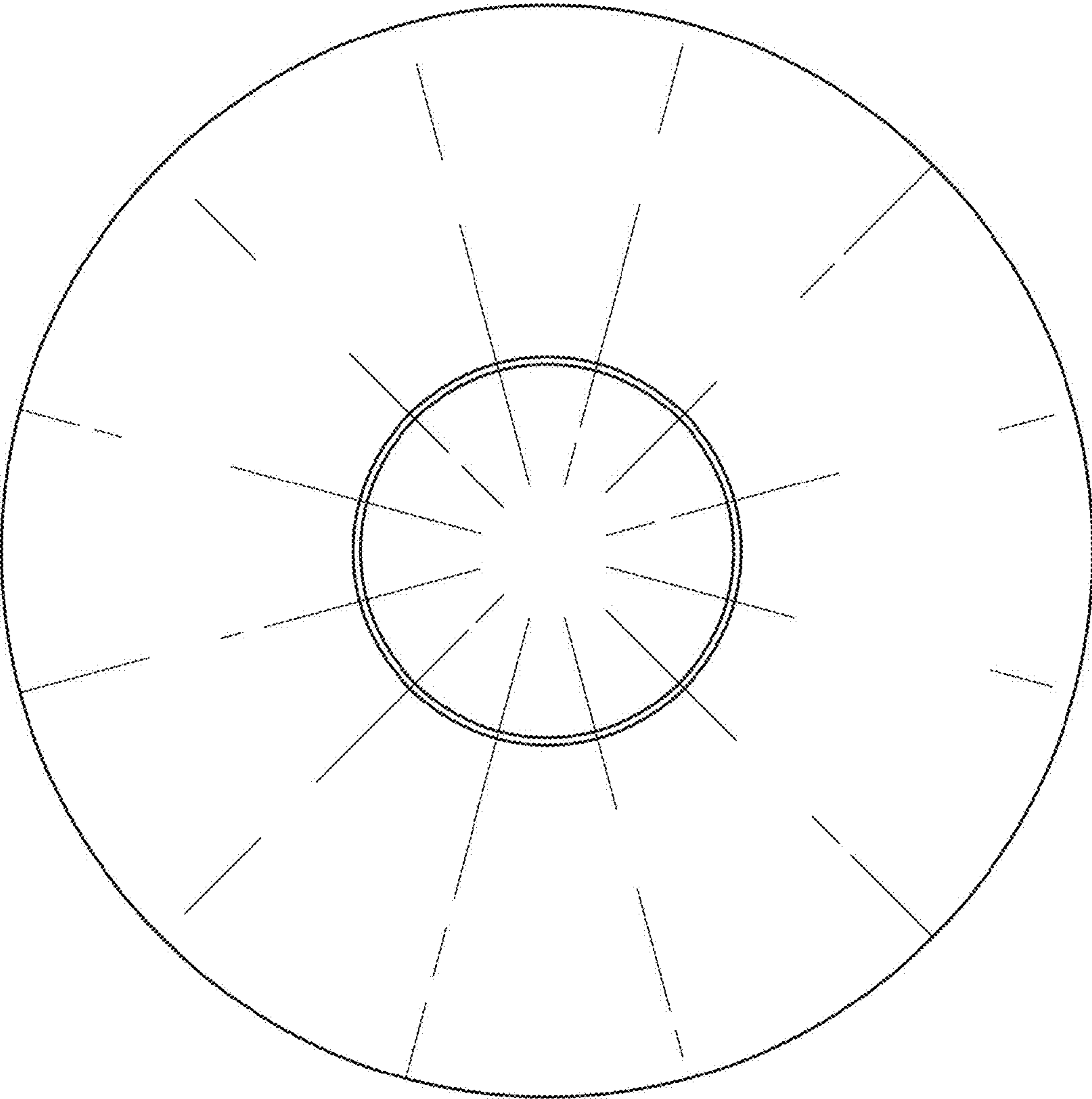


Fig. 1

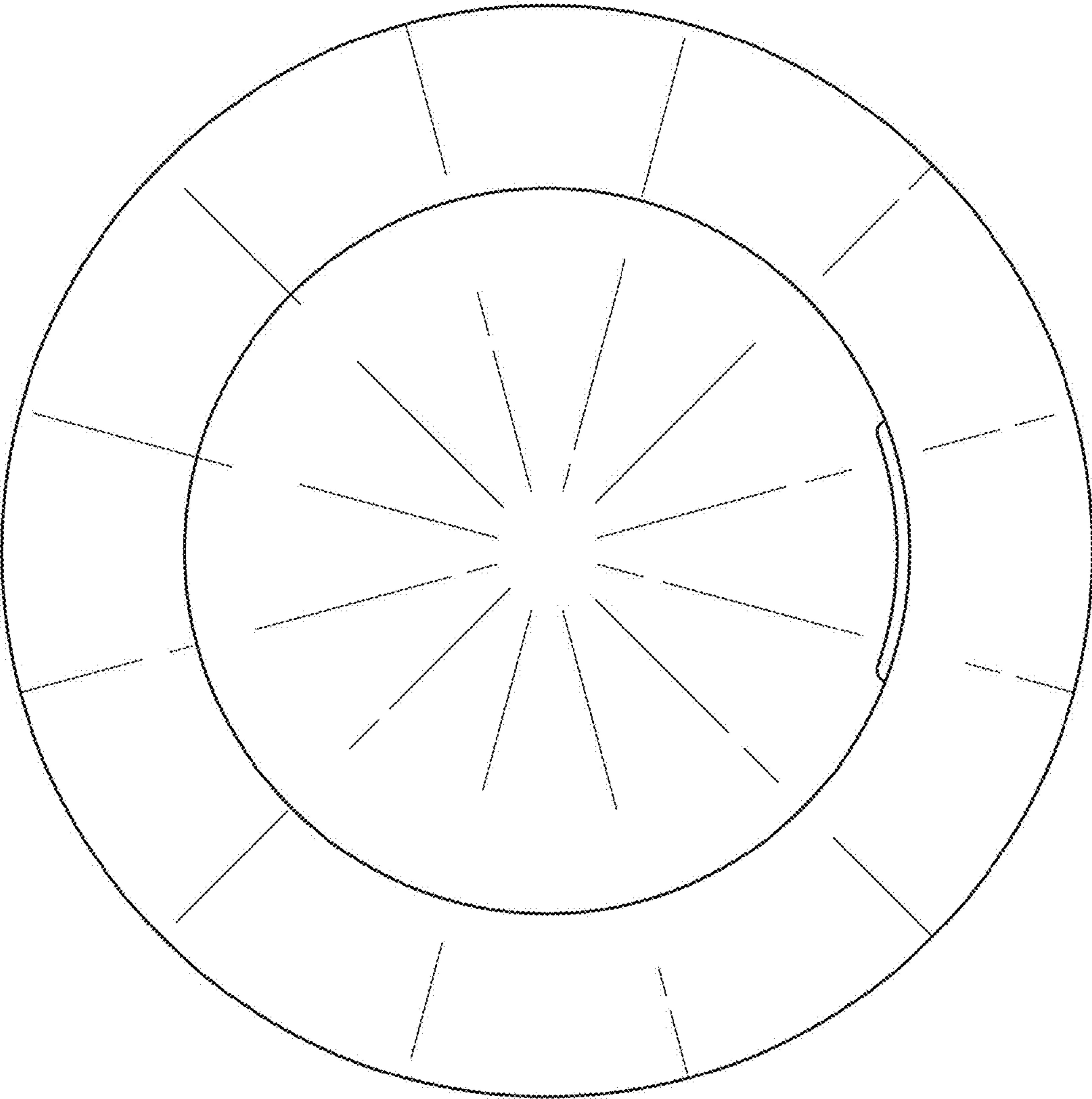


Fig. 2

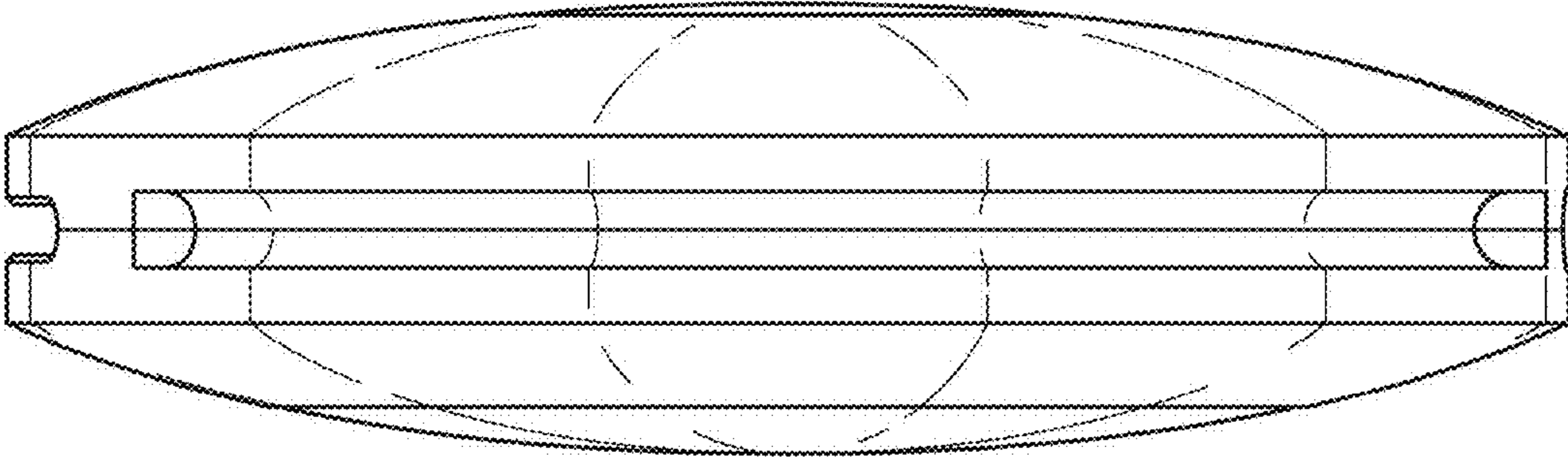


Fig. 3

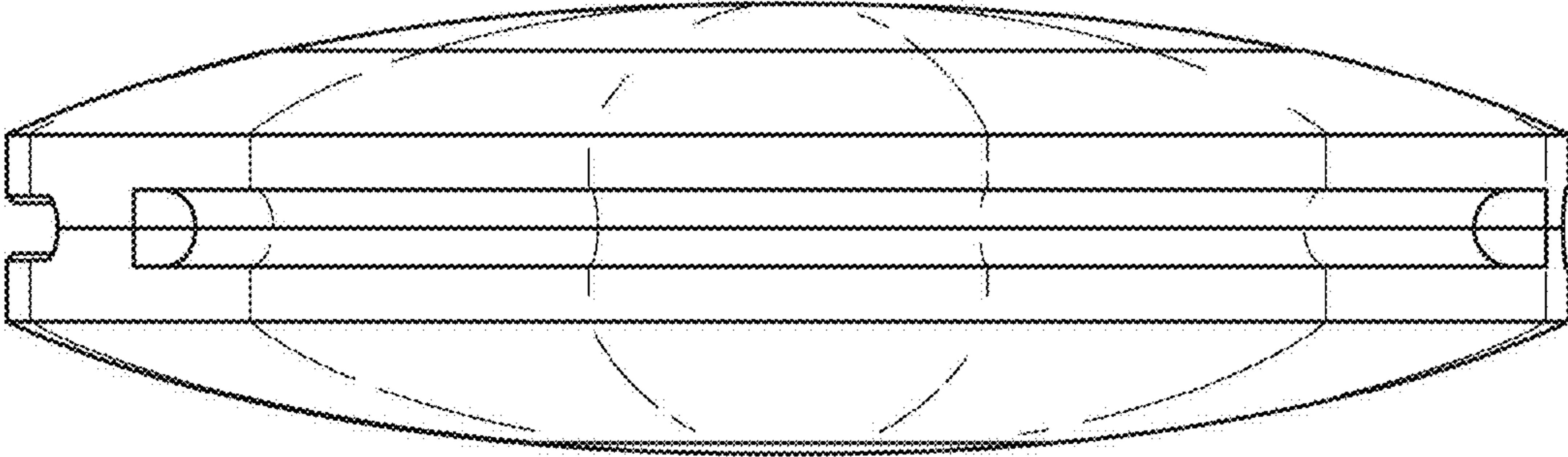


Fig. 4

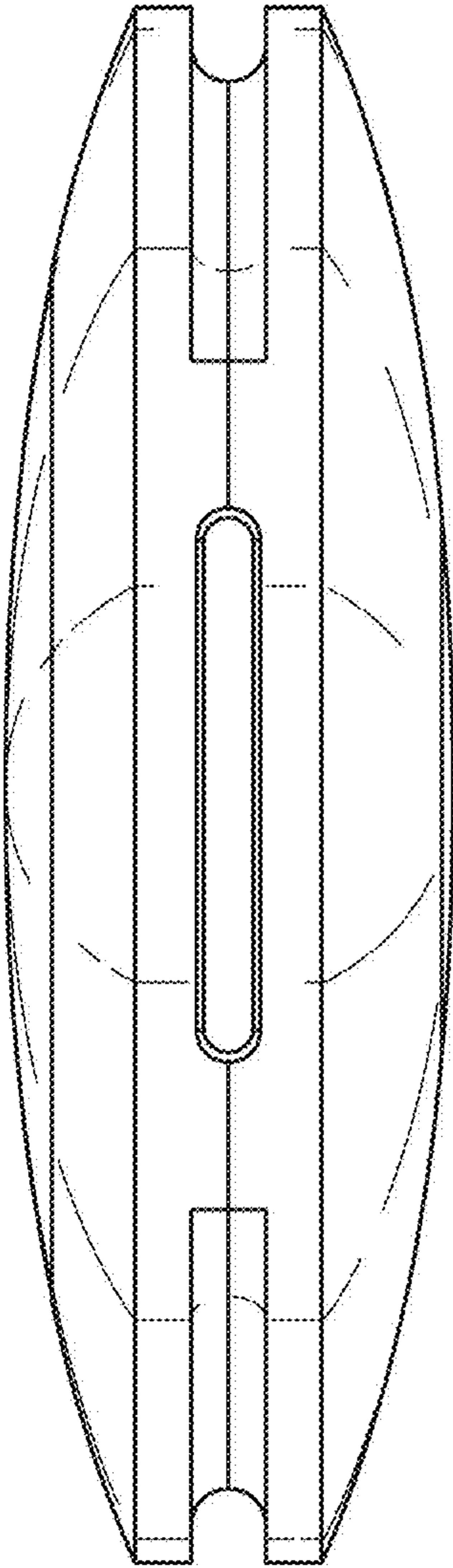


Fig. 5

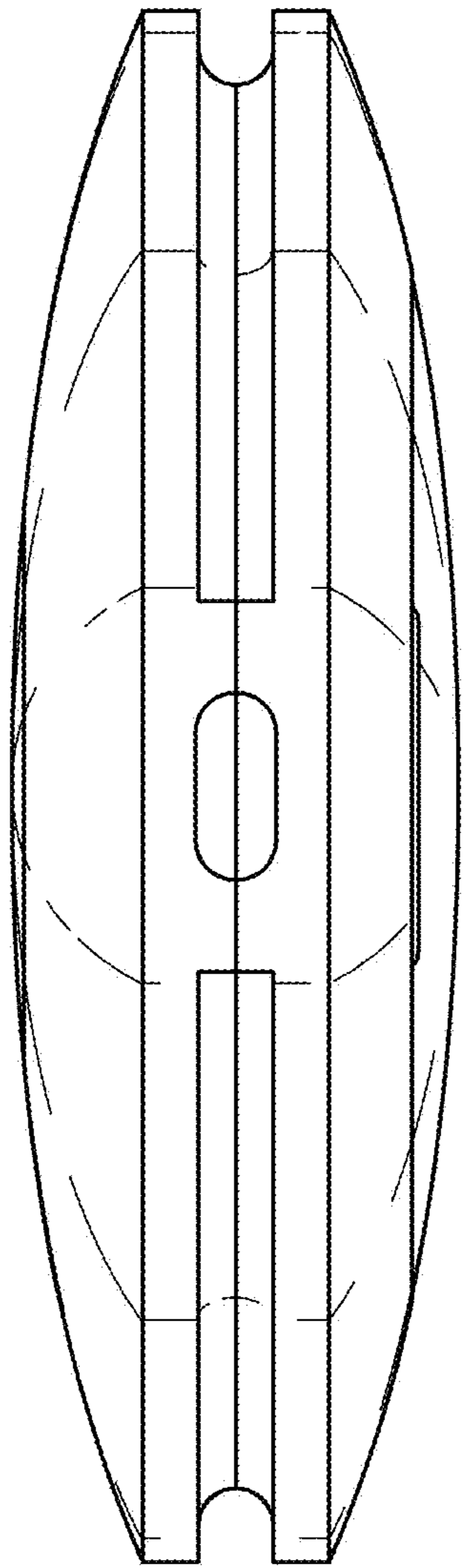


Fig. 6



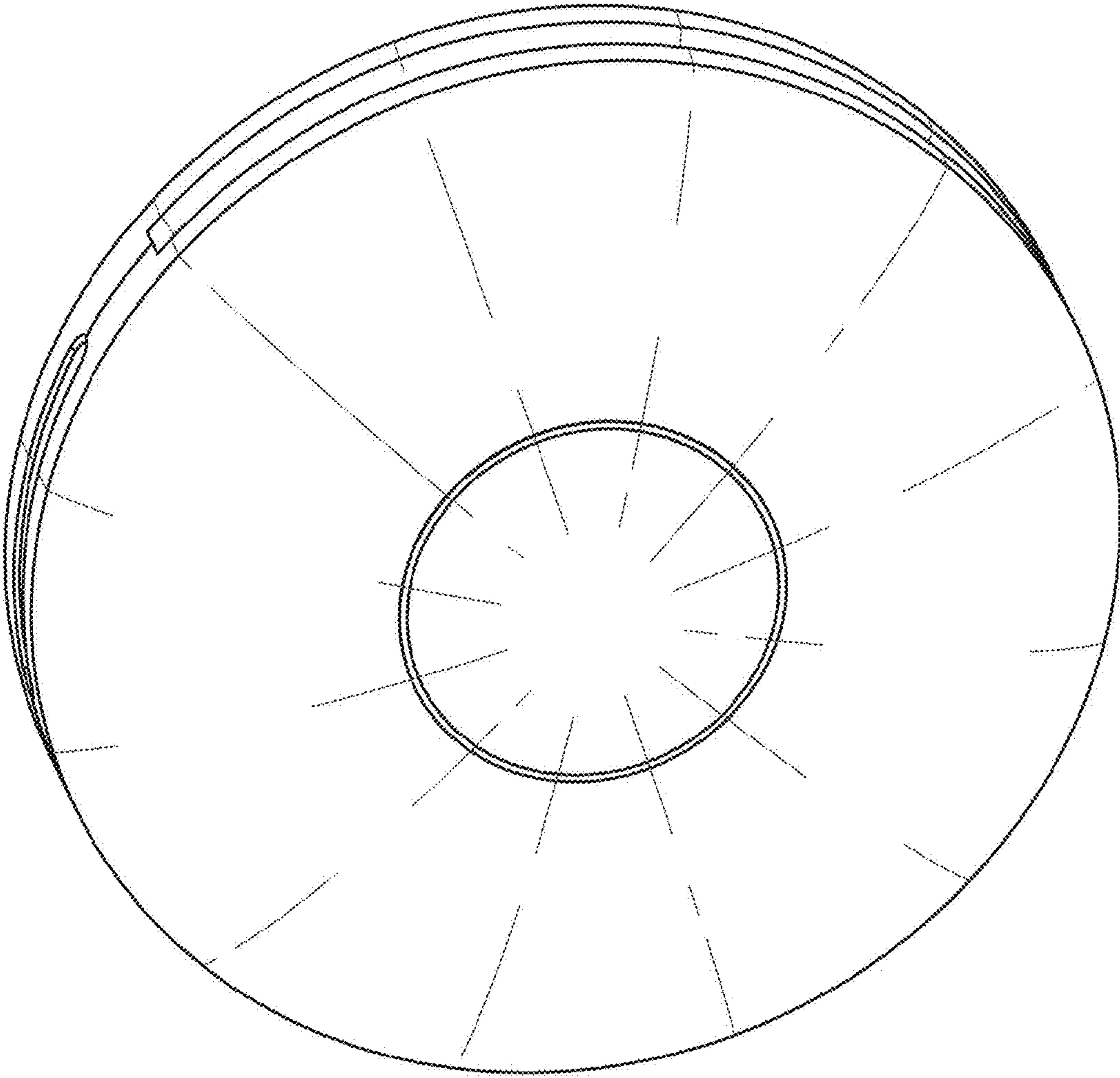


Fig. 7

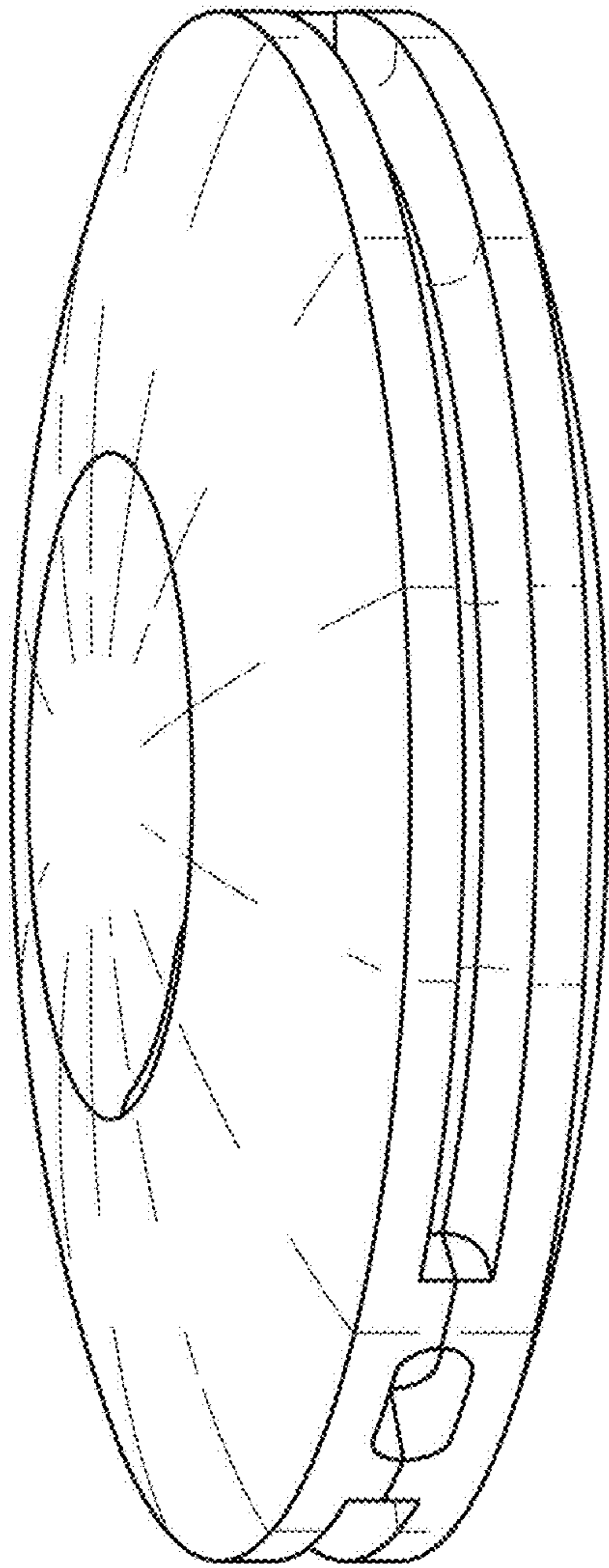


Fig. 8

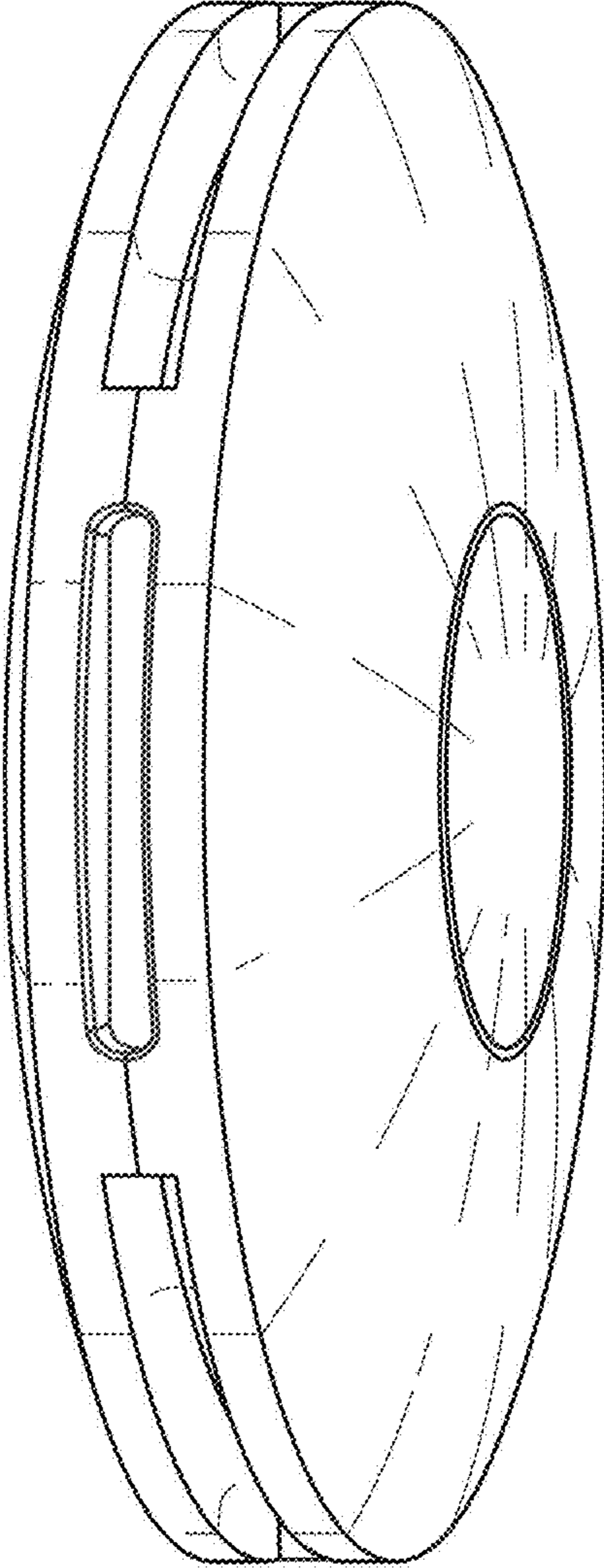


Fig. 9