



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

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(45) **Date of Patent:** **\*\* Aug. 18, 2015**

(54) **VIBRATION SENSOR**

A63B 2220/55; A63B 2220/62; A63B 2220/64; A63B 24/00; A63B 24/0003

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See application file for complete search history.

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**Tatsuhiko Obara**, Chiba (JP)

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(73) Assignee: **Sony Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/485,047**

(22) Filed: **Mar. 14, 2014**

(30) **Foreign Application Priority Data**

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*Primary Examiner* — Antoine D Davis

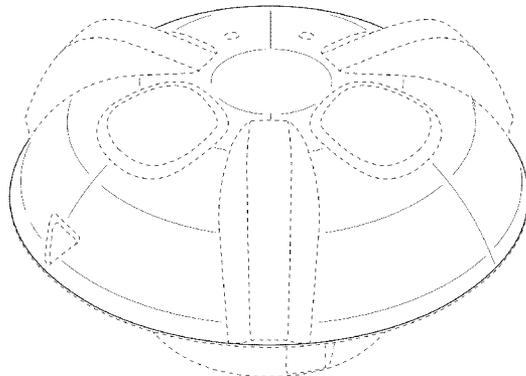
(74) *Attorney, Agent, or Firm* — Fishman Stewart Yamaguchi PLLC

(57) **CLAIM**

The ornamental design for a vibration sensor, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a vibration sensor showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof;



(51) **LOC (10) Cl.** ..... **10-04**  
(52) **U.S. Cl.**  
USPC ..... **D10/83**  
(58) **Field of Classification Search**  
USPC ..... D10/83–85  
CPC ..... A63B 2220/05; A63B 2220/17; A63B 2220/18; A63B 2220/20; A63B 2220/30; A63B 2220/40; A63B 2220/50; A63B 2220/51; A63B 2220/53; A63B 2220/54;

FIG. 8 is a perspective view of a second embodiment of a vibration sensor showing our new design;  
FIG. 9 is a front elevational view thereof;  
FIG. 10 is a rear elevational view thereof;  
FIG. 11 is a left side elevational view thereof;  
FIG. 12 is a right side elevational view thereof;  
FIG. 13 is a top plan view thereof; and  
FIG. 14 is a bottom plan view thereof.  
FIG. 15 is a perspective view of a third embodiment of a vibration sensor showing our new design;

FIG. 16 is a front elevational view thereof;  
FIG. 17 is a rear elevational view thereof;  
FIG. 18 is a left side elevational view thereof;  
FIG. 19 is a right side elevational view thereof;  
FIG. 20 is a top plan view thereof; and,  
FIG. 21 is a bottom plan view thereof.

The broken lines showing in the drawings illustrate unclaimed portions of the vibration sensor and form no part of the claimed design.

**1 Claim, 15 Drawing Sheets**

FIG.1

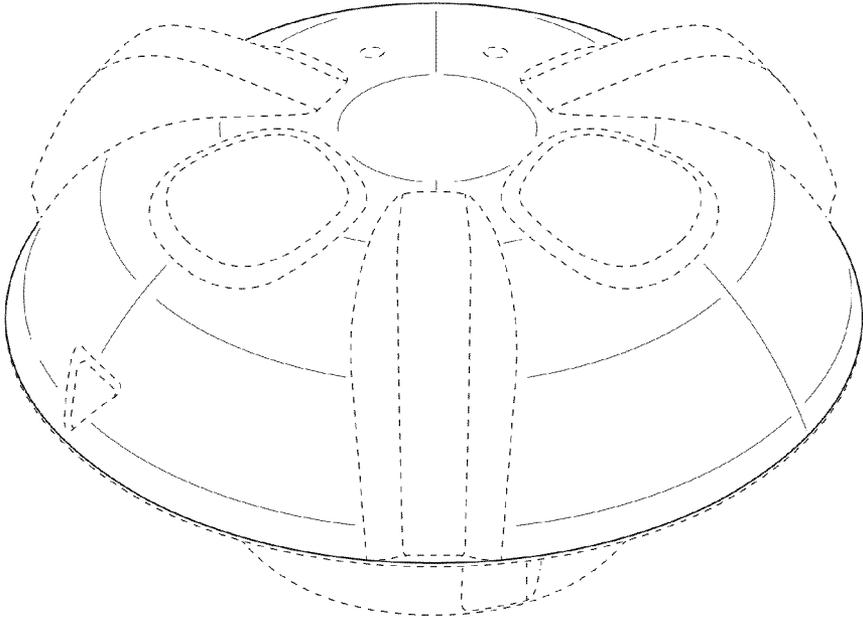


FIG.2

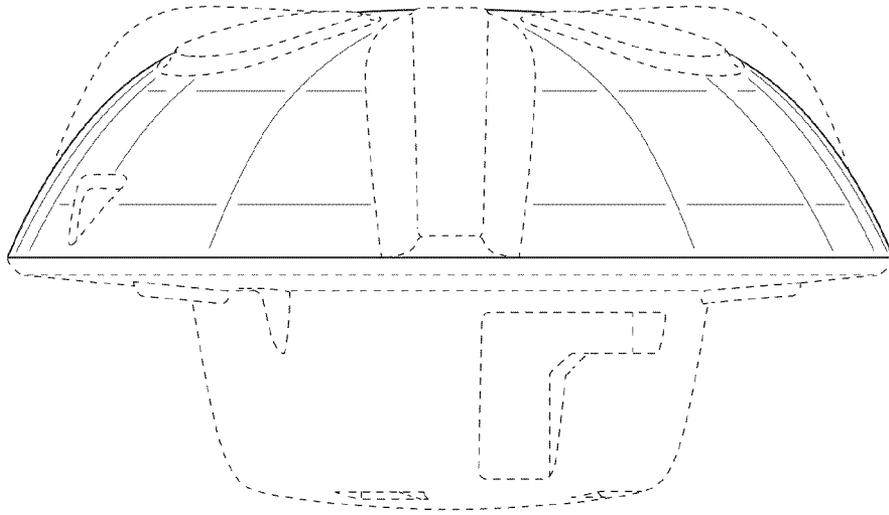


FIG.3

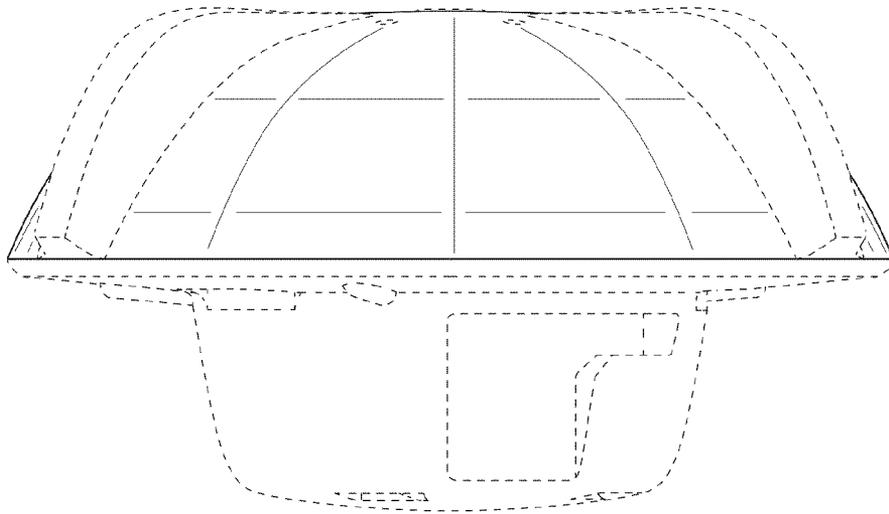


FIG.4

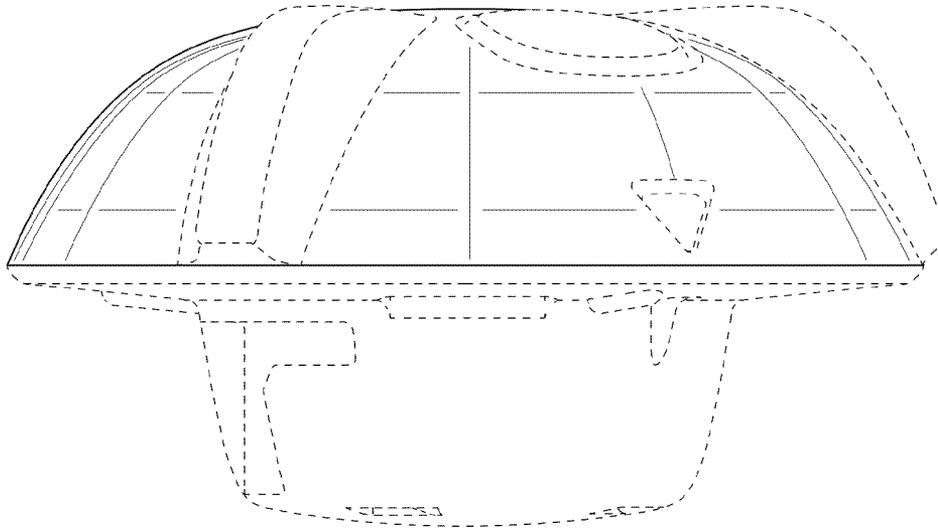


FIG.5

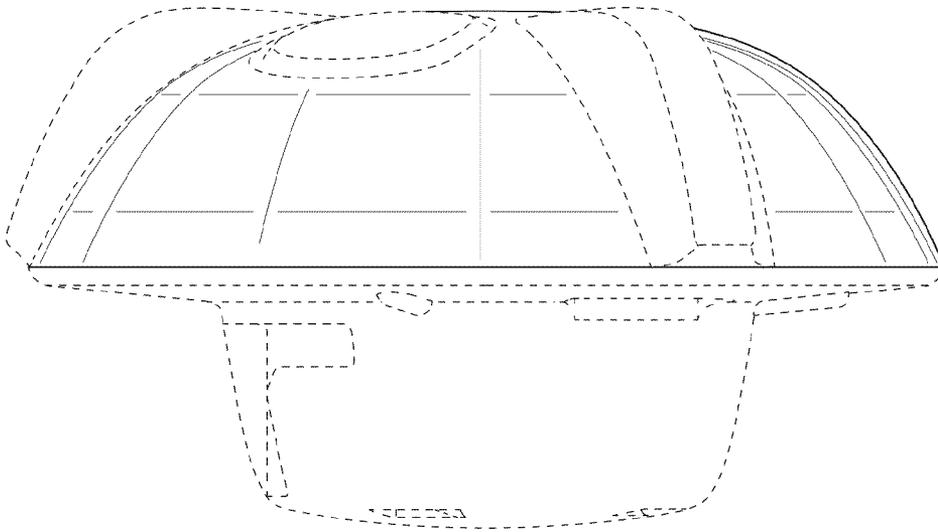


FIG.6

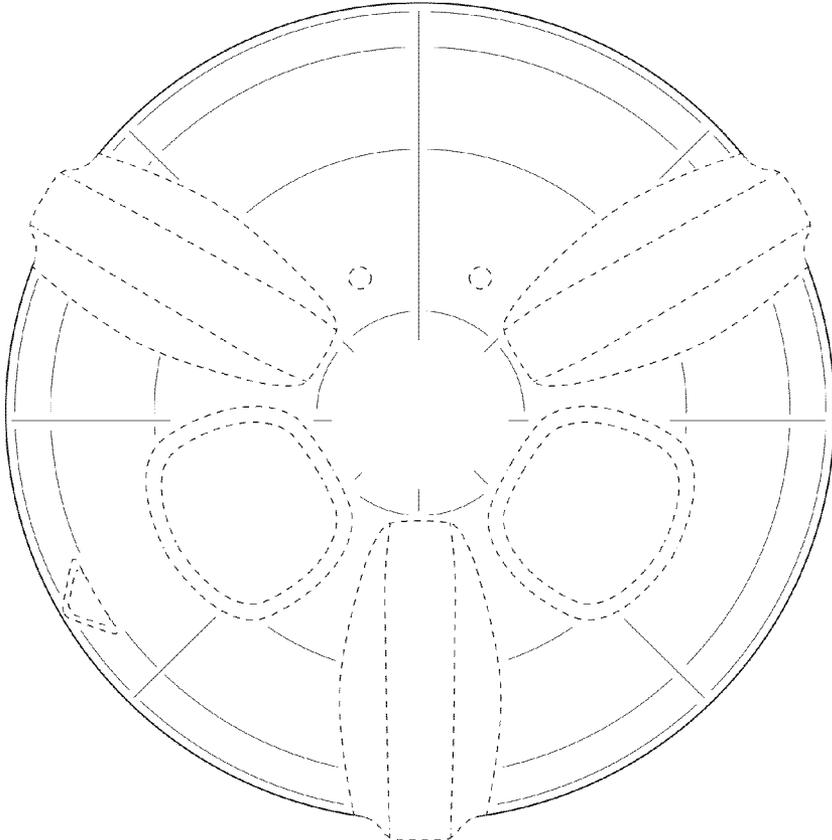


FIG.7

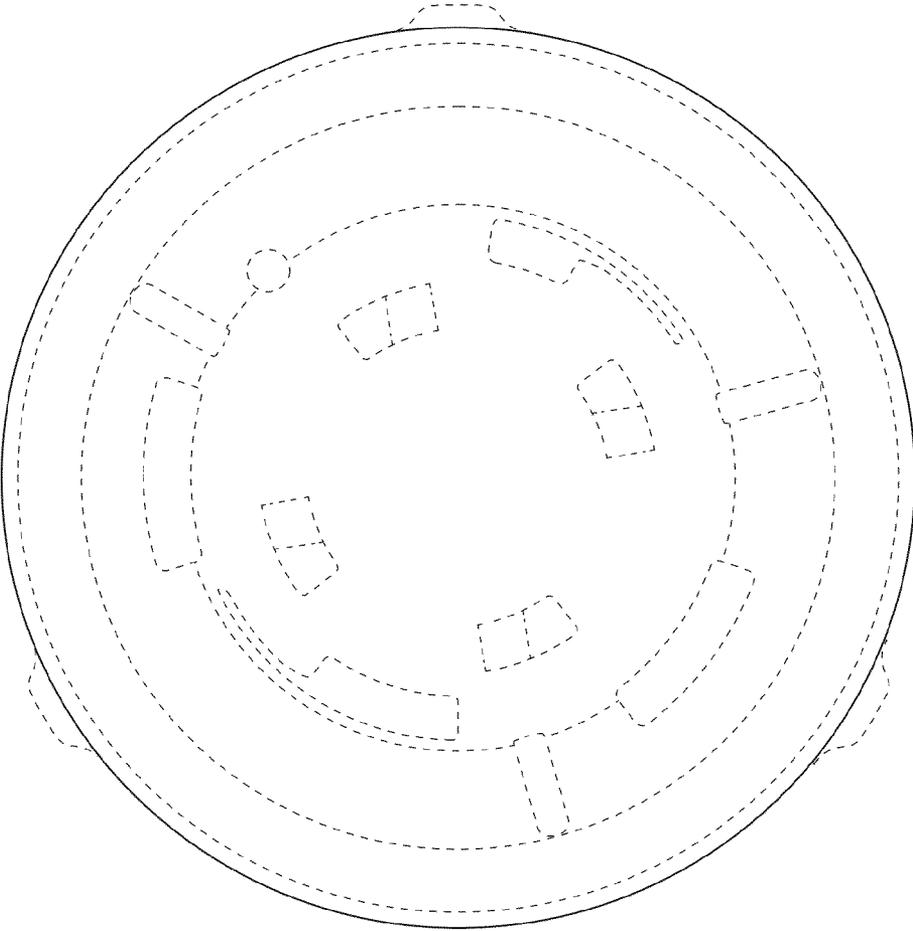


FIG.8

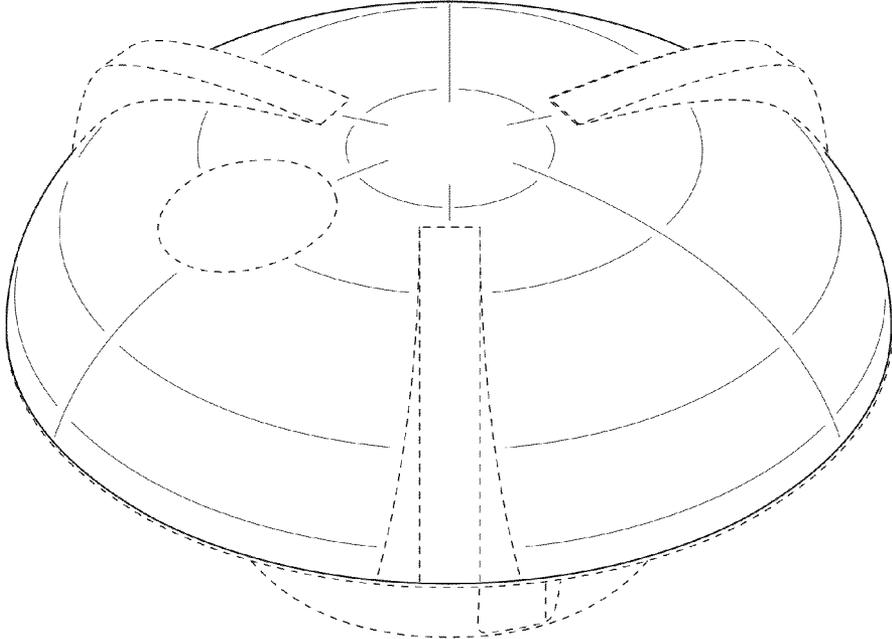


FIG.9

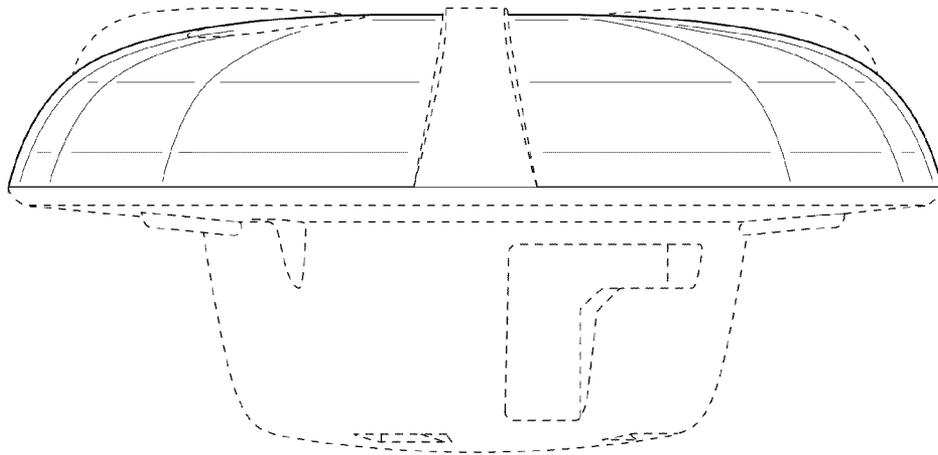


FIG.10

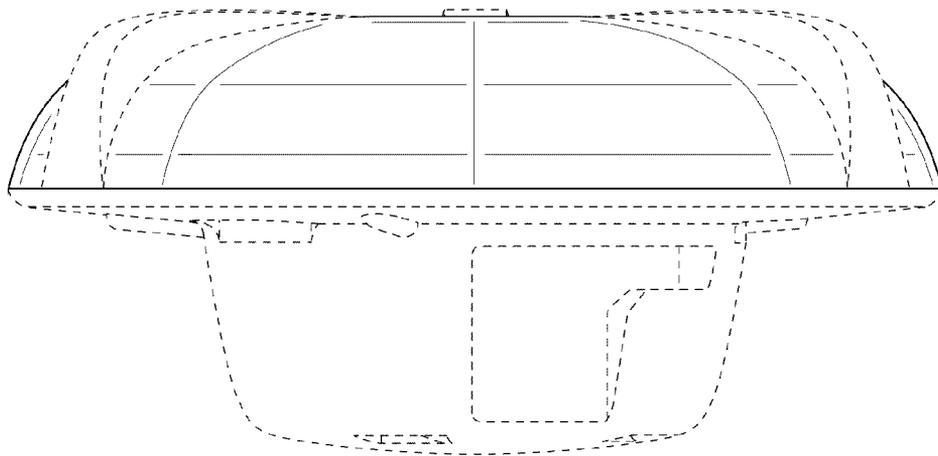


FIG.11

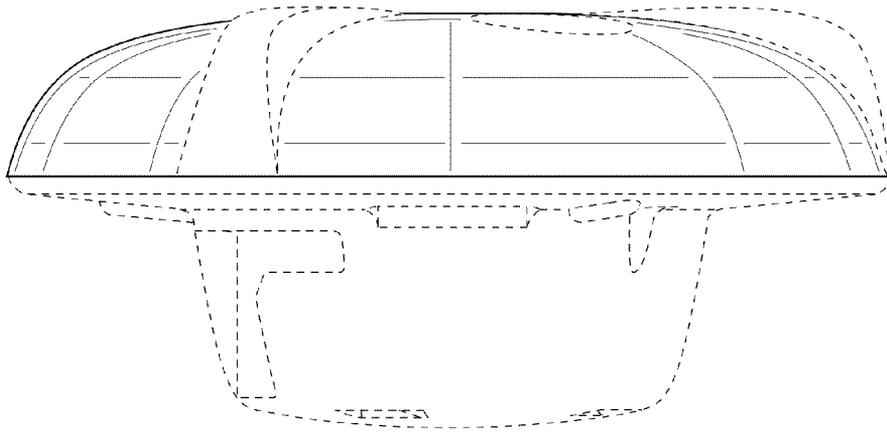


FIG.12

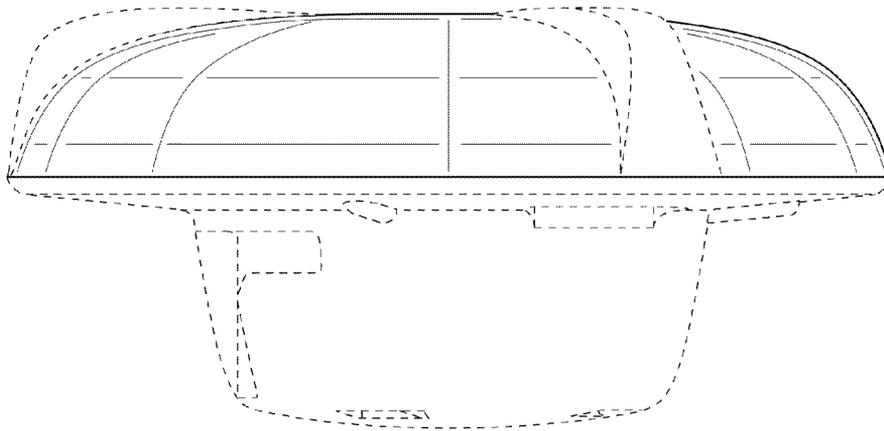


FIG.13

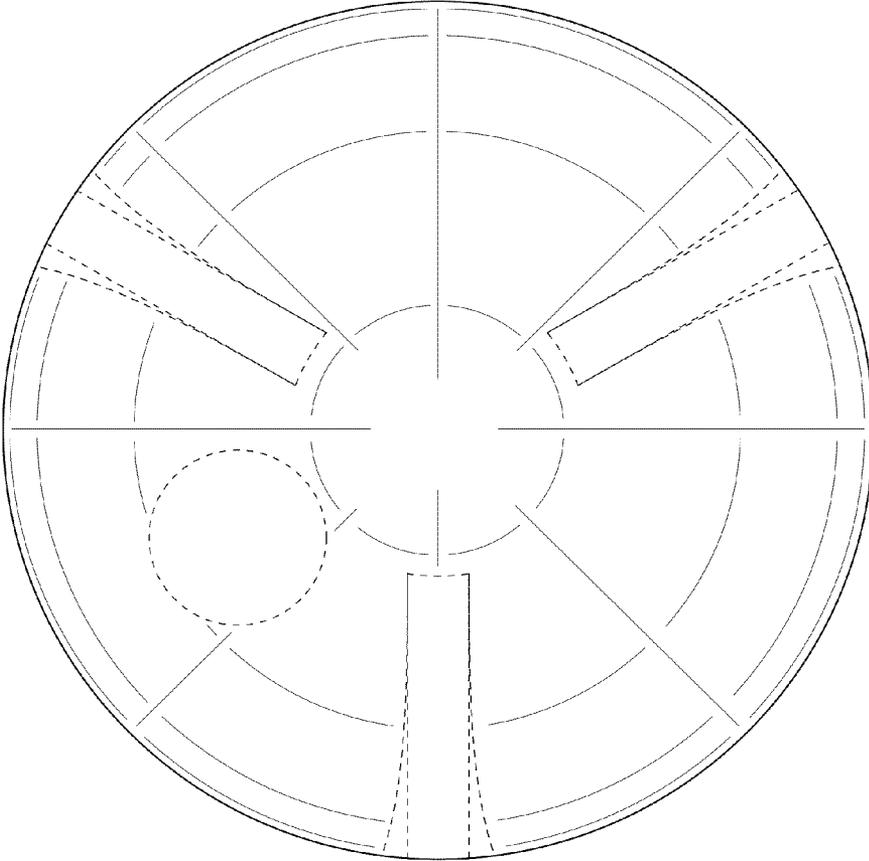


FIG.14

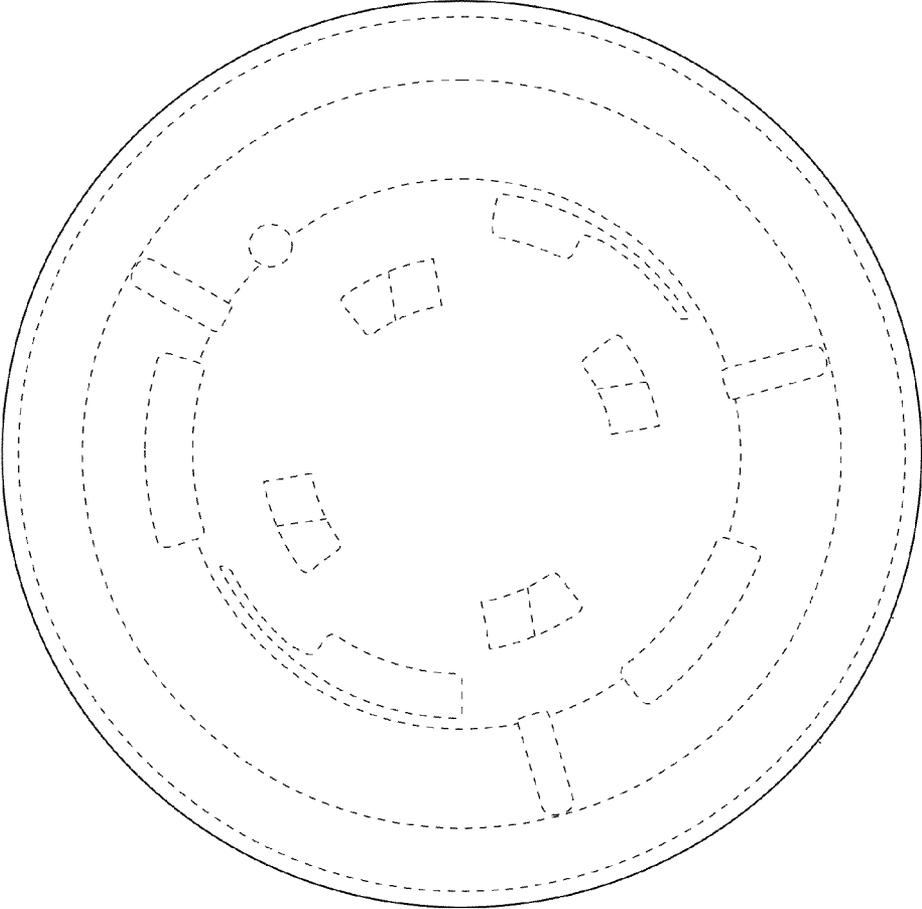


FIG.15

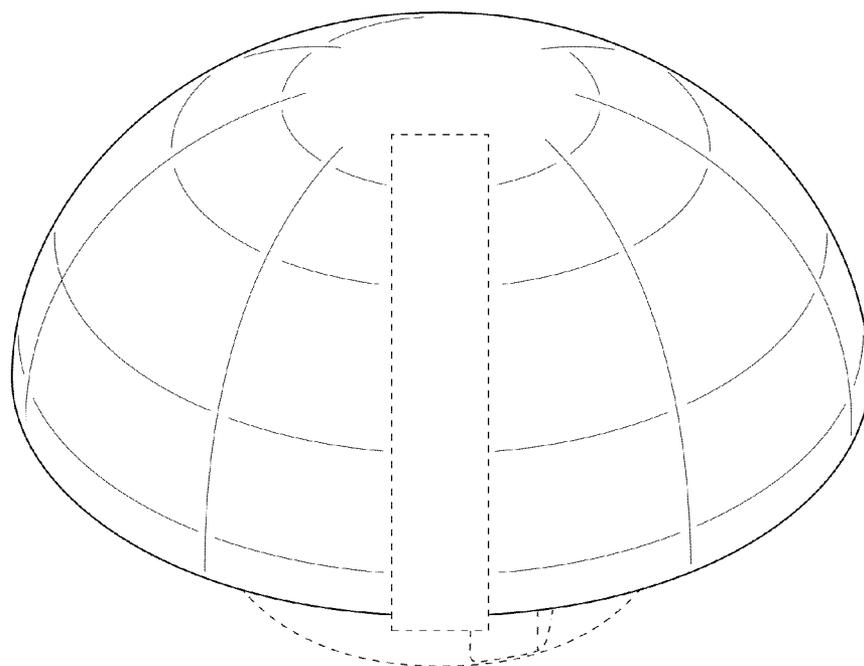


FIG.16

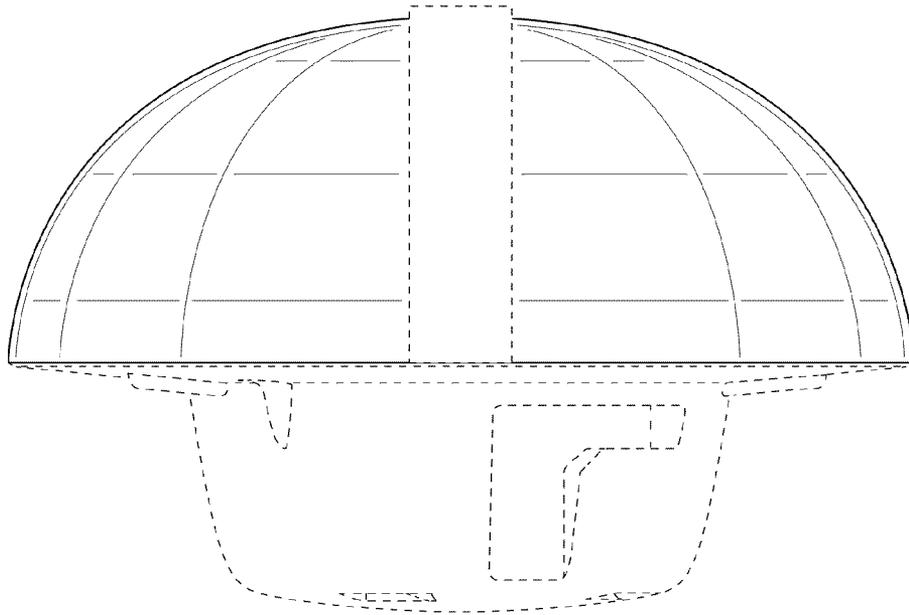


FIG.17

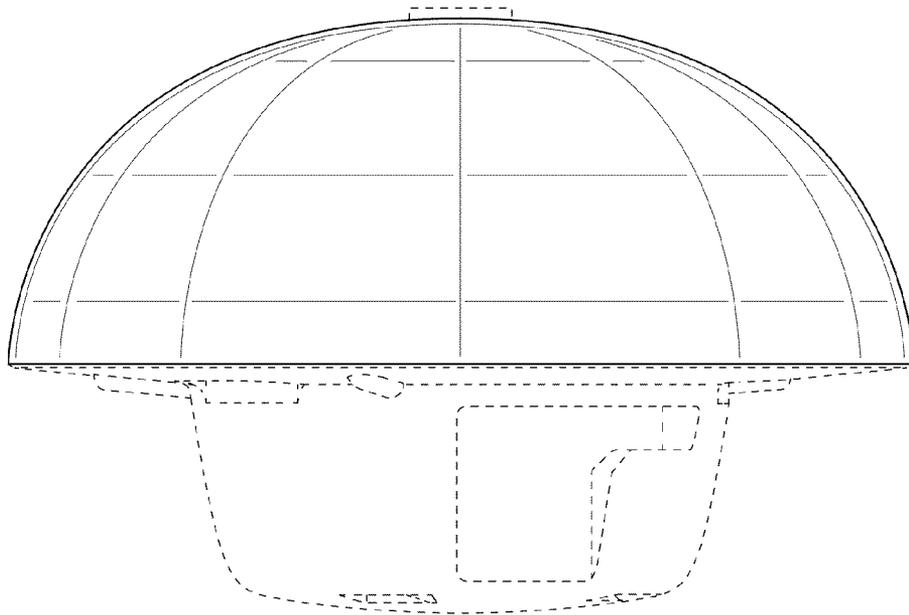


FIG.18

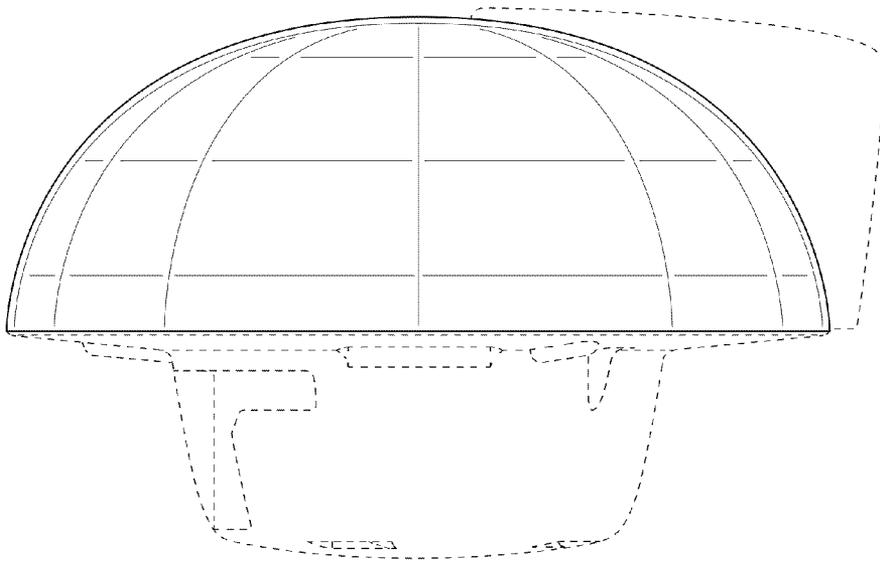


FIG.19

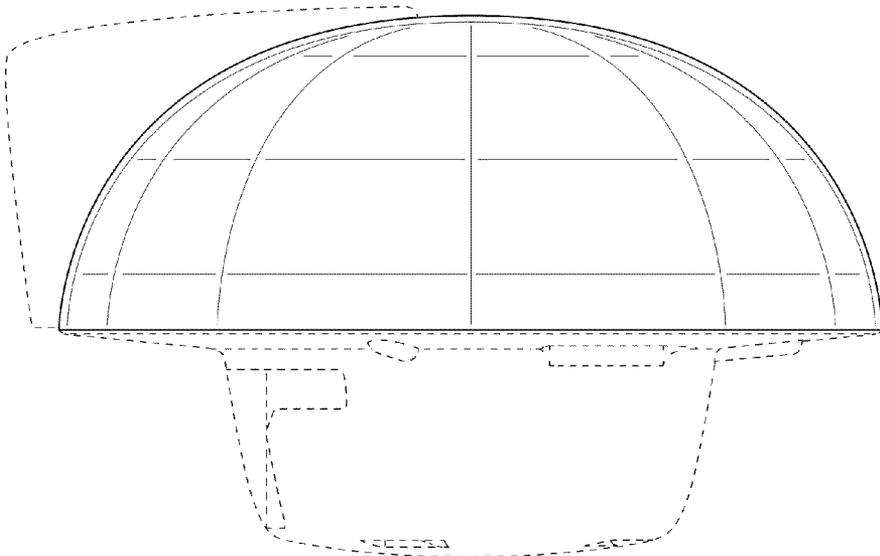


FIG.20

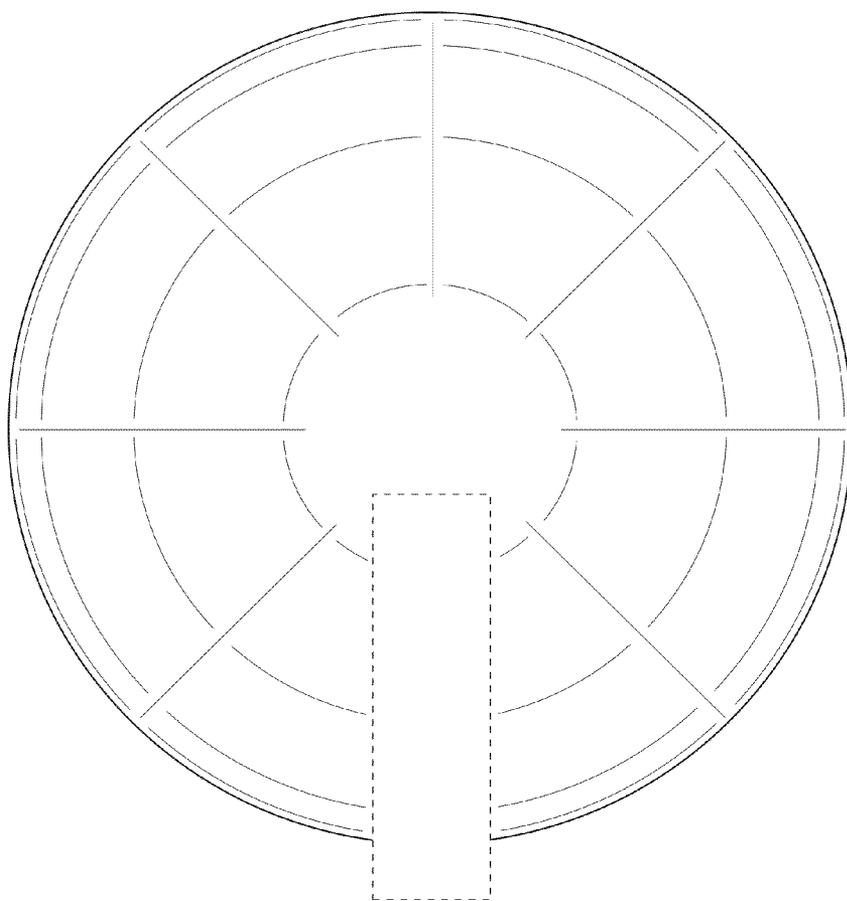


FIG.21

