



US00D867905S

(12) **United States Design Patent** (10) **Patent No.:** **US D867,905 S**  
**McKinnon et al.** (45) **Date of Patent:** **\*\* Nov. 26, 2019**

(54) **THERMOSTAT DEVICE WITH TRIM PLATE**

33/0854; H05B 37/0218; H05K 5/0017;  
H05K 5/0243; H05K 5/00; H05K 5/03;  
H04M 2250/12; H04M 2250/22

(71) Applicant: **ECOBEE INC.**, Toronto (CA)

See application file for complete search history.

(72) Inventors: **Casey McKinnon**, Toronto (CA); **Rohit Sriram**, Toronto (CA); **William Harold Wood**, Oakville (CA); **Stuart Lombard**, Toronto (CA); **Jonathan Hayes**, Cambridge, MA (US); **Houston Keil-Vine**, Toronto (CA)

(56) **References Cited**

U.S. PATENT DOCUMENTS

|              |         |          |       |        |
|--------------|---------|----------|-------|--------|
| D706,145 S * | 6/2014  | Pavlak   | ..... | D10/50 |
| D727,180 S * | 4/2015  | Lai      | ..... | D10/50 |
| D734,178 S * | 7/2015  | Lombard  | ..... | D10/50 |
| D737,153 S * | 8/2015  | Lombard  | ..... | D10/50 |
| D833,893 S * | 11/2018 | McKinnon | ..... | D10/50 |
| D843,235 S * | 3/2019  | McKinnon | ..... | D10/50 |

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

(21) Appl. No.: **29/664,127**

(22) Filed: **Sep. 21, 2018**

\* cited by examiner

**Related U.S. Application Data**

(62) Division of application No. 29/599,864, filed on Apr. 7, 2017, now Pat. No. Des. 833,893.

*Primary Examiner* — Antoine Duval Davis

(74) *Attorney, Agent, or Firm* — Perry + Currier, Inc.

(51) **LOC (12) Cl.** ..... **10-04**

(57) **CLAIM**

The ornamental design for a thermostat device with trim plate, as shown and described.

(52) **U.S. Cl.**

USPC ..... **D10/50**

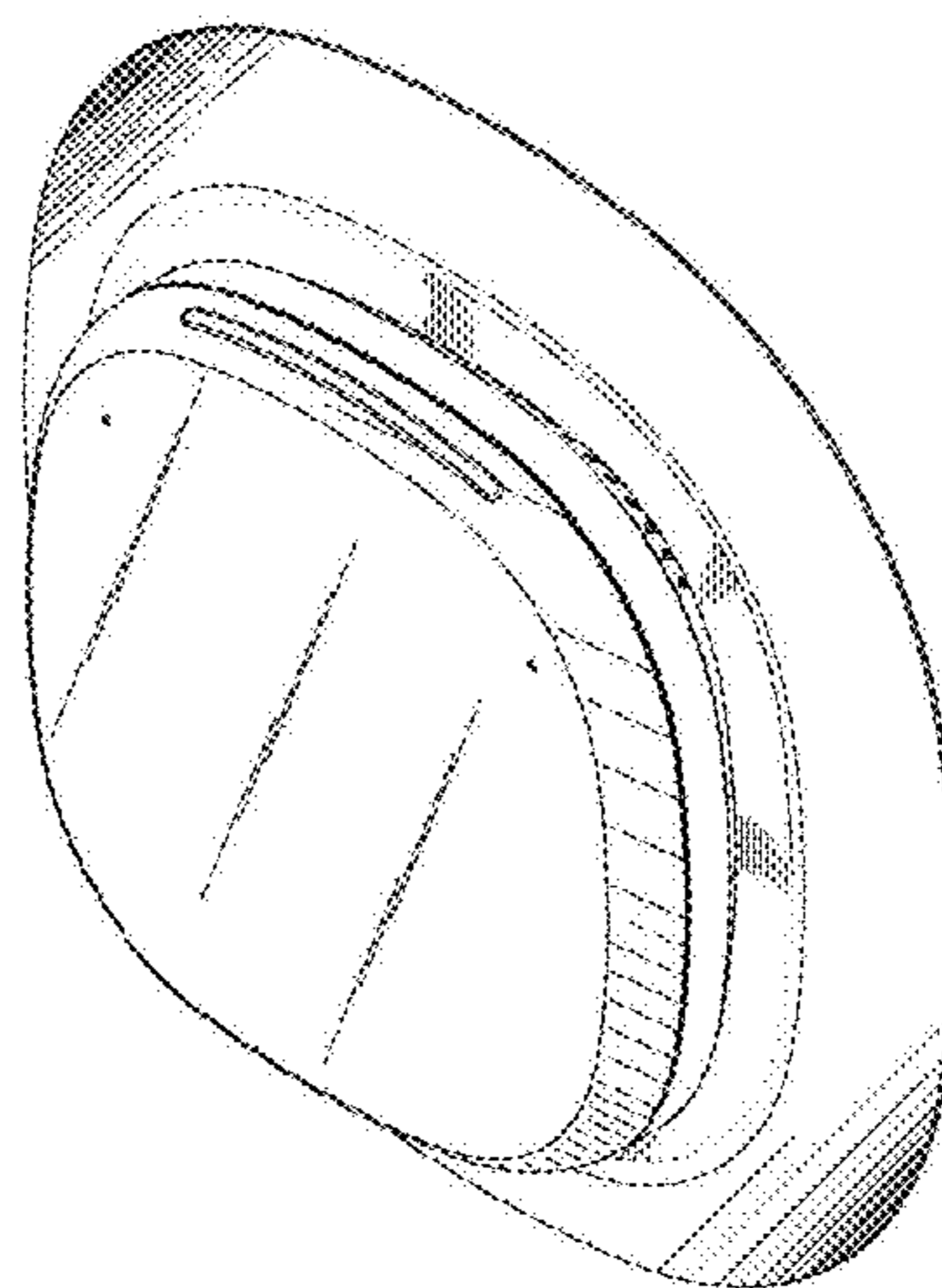
**DESCRIPTION**

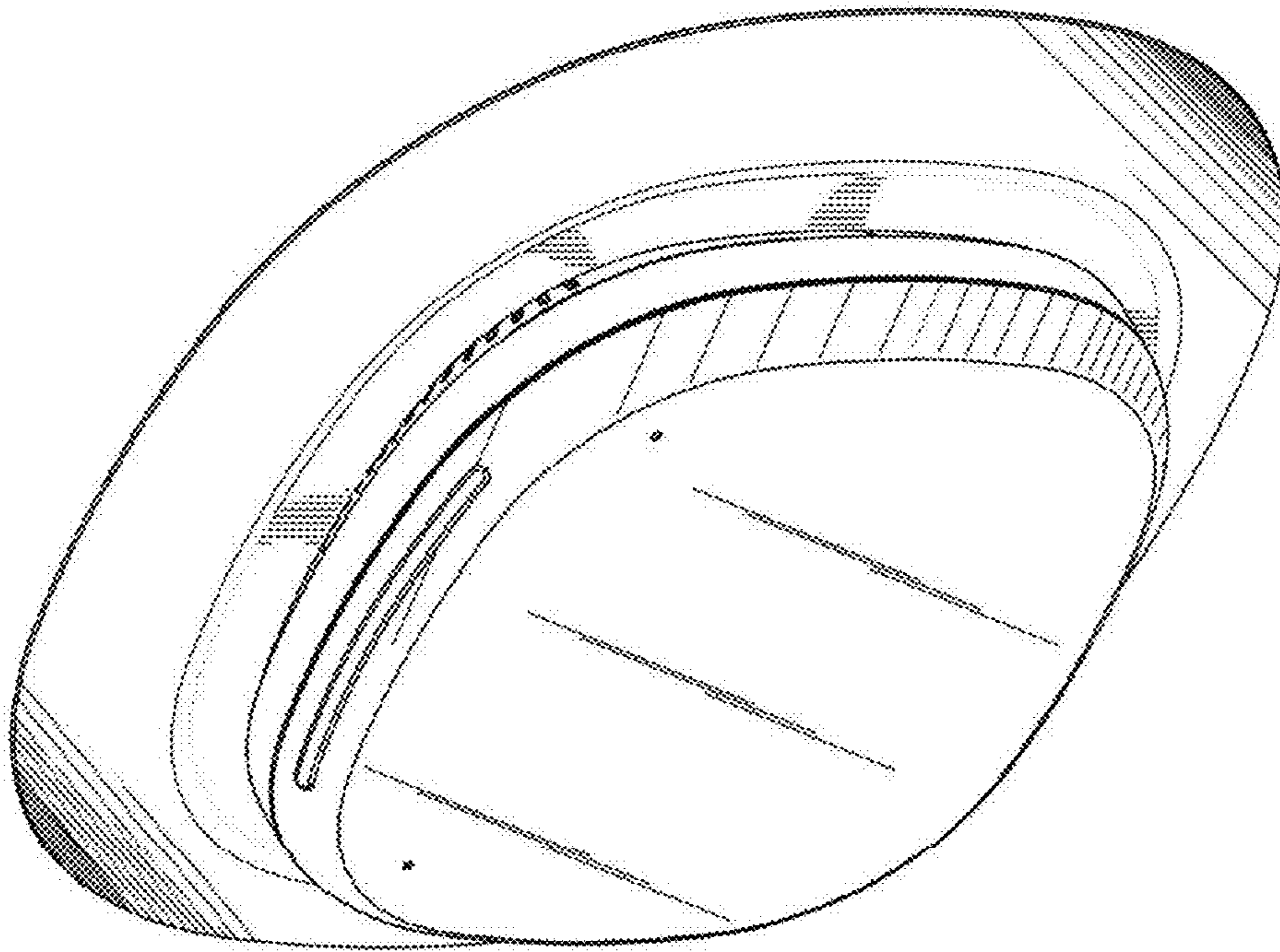
(58) **Field of Classification Search**

USPC ..... D10/49, 50; D13/162, 162.1, 177  
CPC . F23N 5/20; F23N 5/203; F23N 5/206; F23N 5/18; F23N 5/184; F23N 5/187; F23N 5/22; F23N 2025/12; F23N 2041/02; F24F 11/00; F24F 11/0012; F24F 11/0009; F24F 11/001; F24F 2011/0057; F24F 2011/0073; F24F 2011/0091; F24F 2011/0094; F24F 2011/0068; F24F 2011/0012; F24F 2011/0015; F24F 2011/0017; F21V 11/16; F21V 33/10; G05B 19/042; G05D 23/01; G05D 23/12; G05D 23/275; G05D 23/1902; G05D 23/1904; G05D 23/27502; G05D 23/27503; G05D 23/1919; G05D 23/19; G05D 23/2723; G05D 23/00; G09F 13/22; G09F 9/53; G06F 1/1684; G06F 1/30; G06F 3/0362; G06F 3/038; H05B

FIG. 1 is a perspective view of a thermostat device with a trim plate included;  
FIG. 2 is an exploded view of the thermostat and trim plate shown in FIG. 1, showing a cover and an inner mechanism of the thermostat device and the trim plate;  
FIG. 3 is a top plan view of the inner mechanism shown in FIG. 2;  
FIG. 4 is a side elevation view of the inner mechanism shown in FIG. 2;  
FIG. 5 is a bottom plan view of the inner mechanism shown in FIG. 2;  
FIG. 6 is a top plan view of the trim plate shown in FIG. 2; and,  
FIG. 7 is a side elevation view of the trim plate shown in FIG. 2.

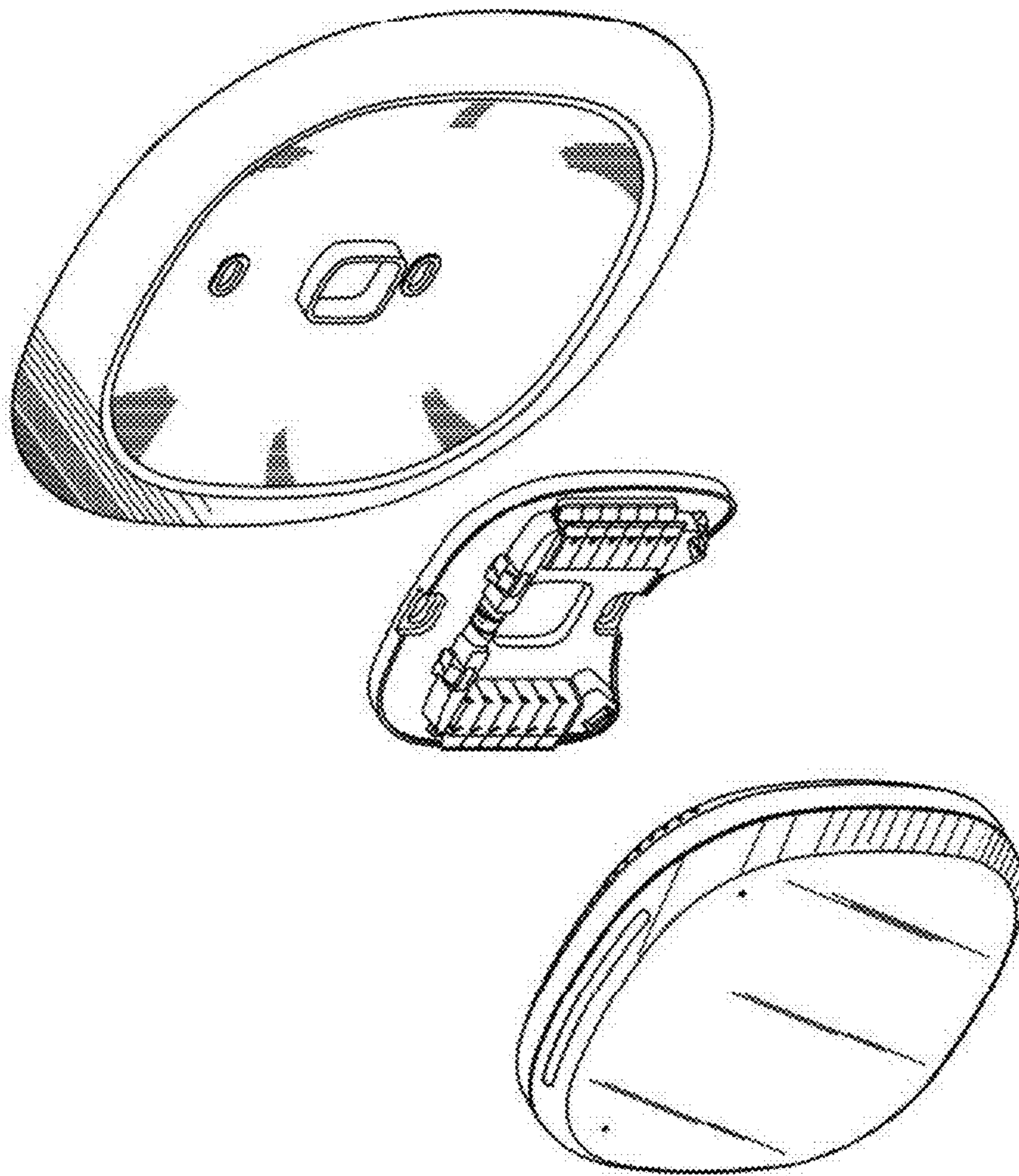
**1 Claim, 6 Drawing Sheets**





**Fig. 1**

**Fig. 2**



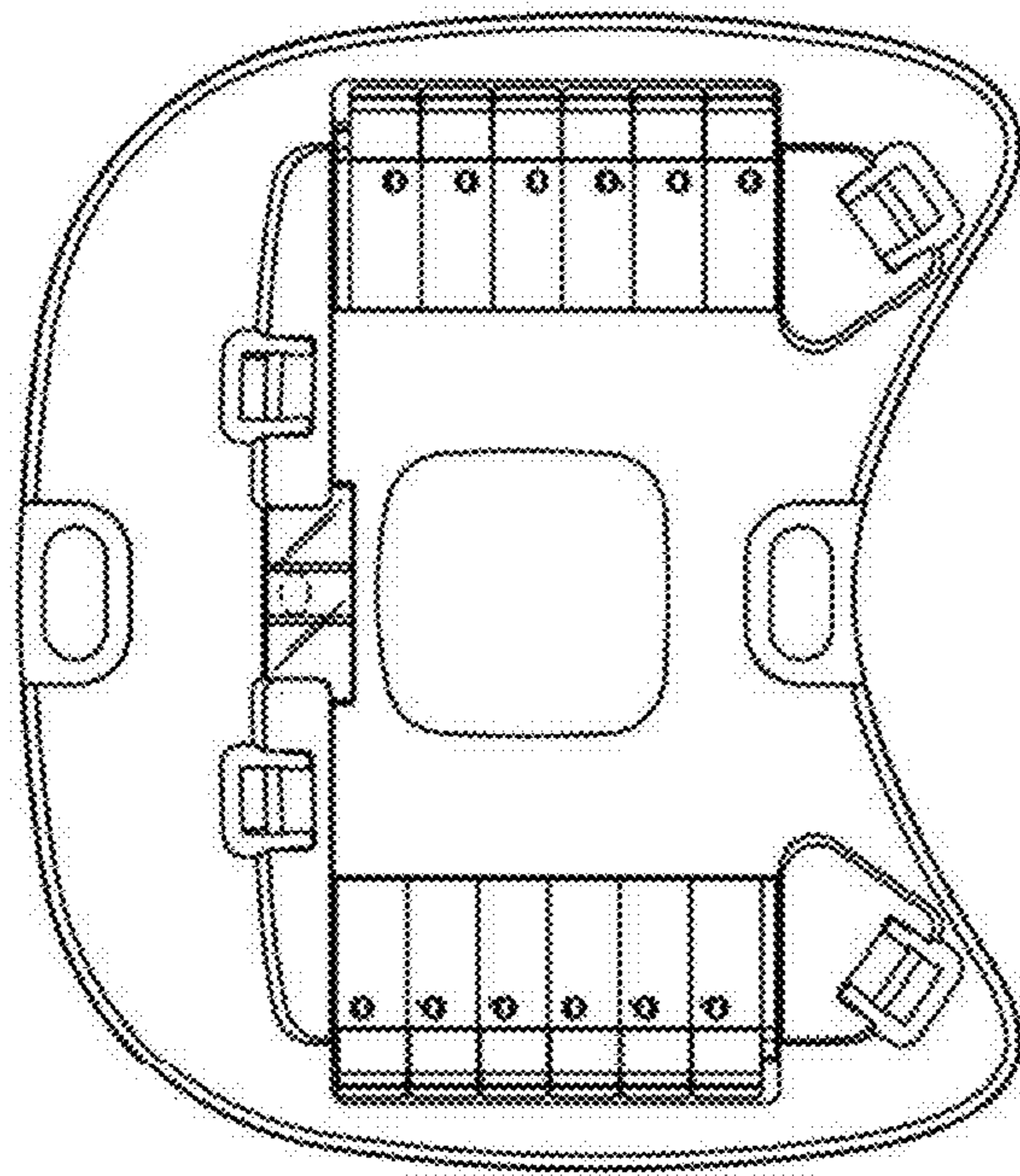
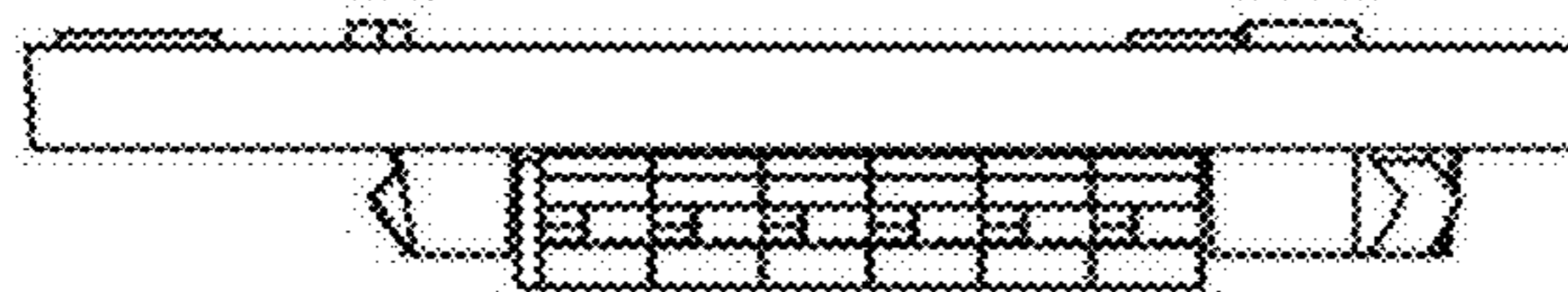
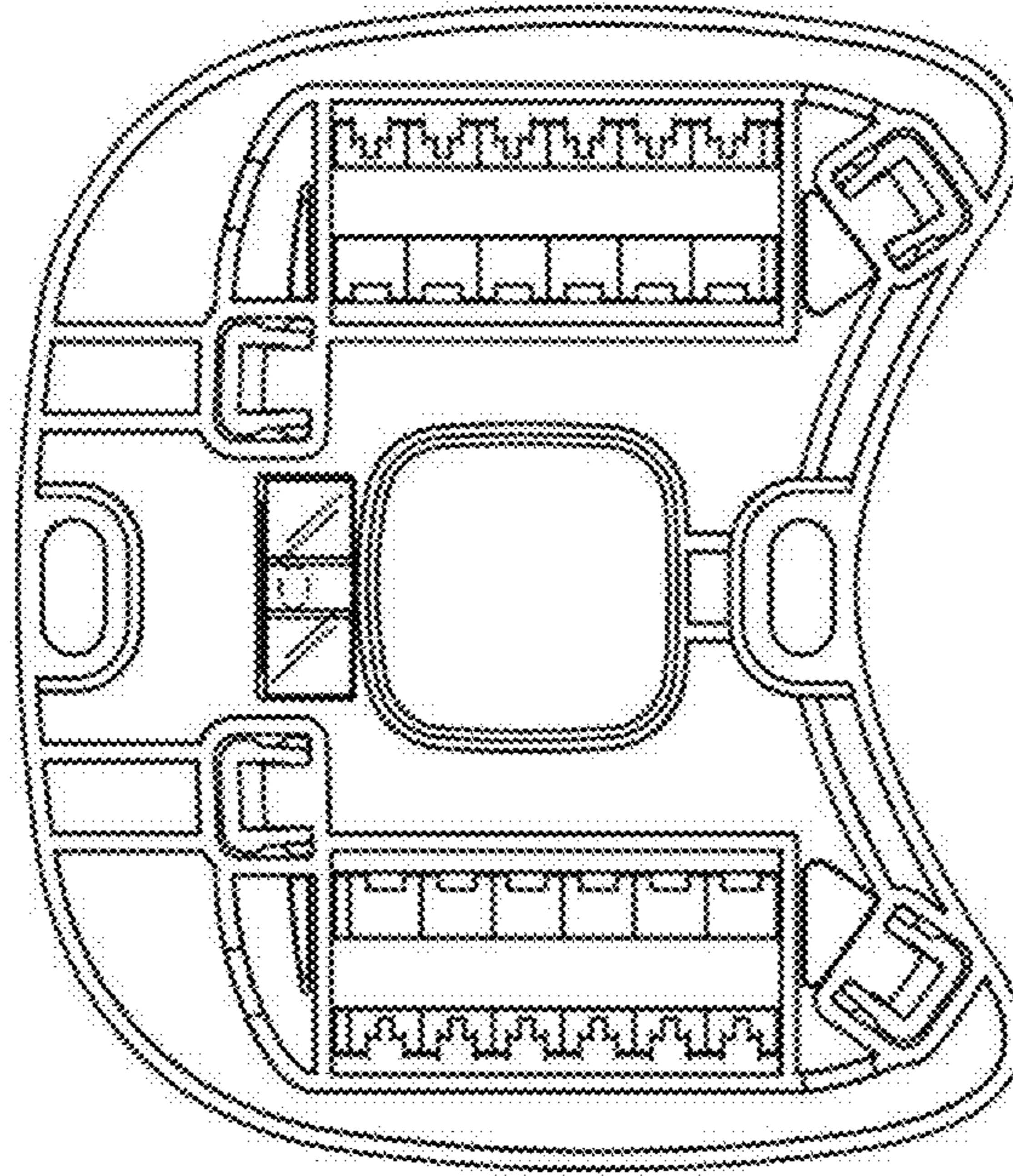


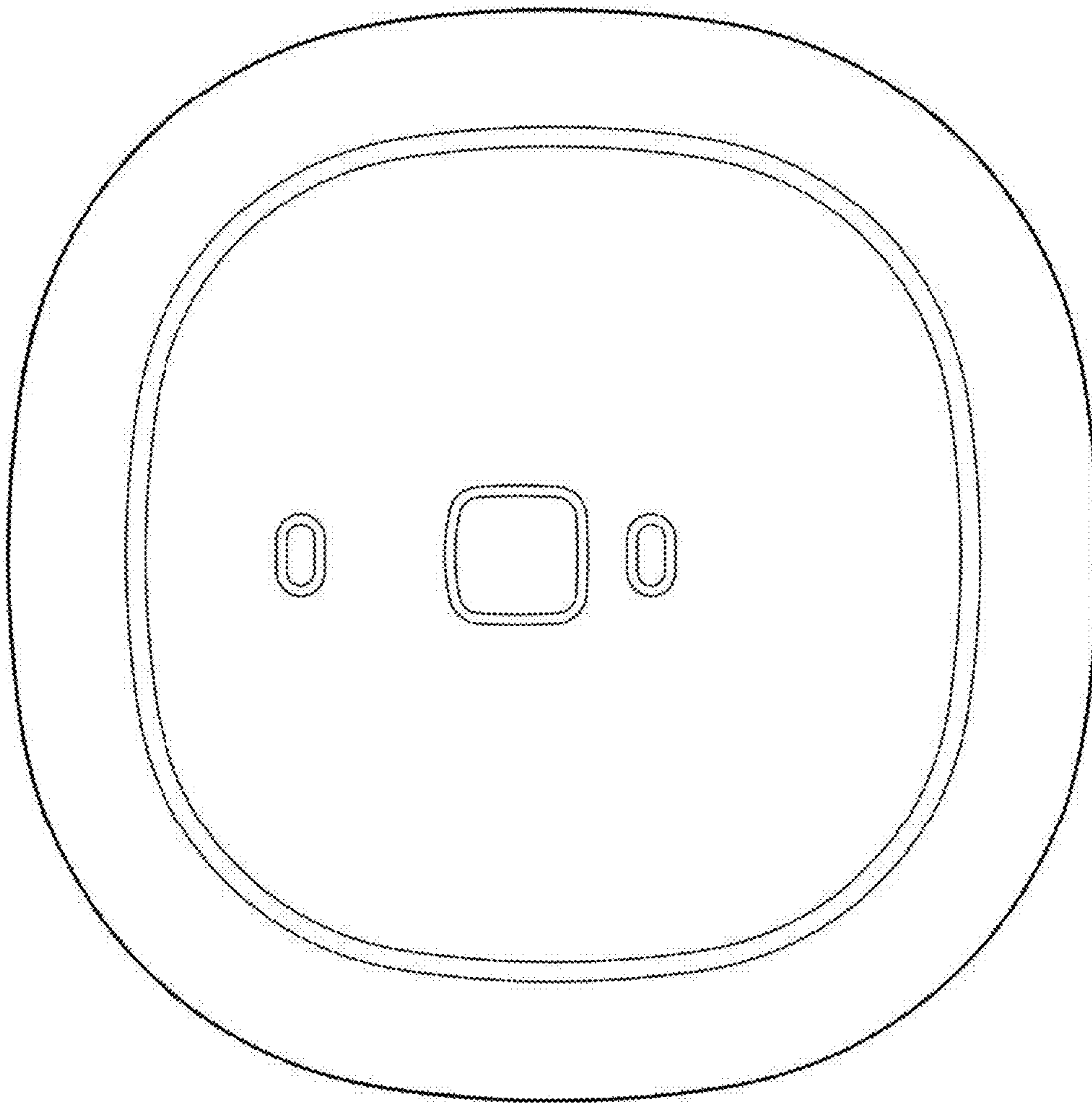
Fig. 3



**Fig. 4**



**Fig. 5**



**Fig. 6**

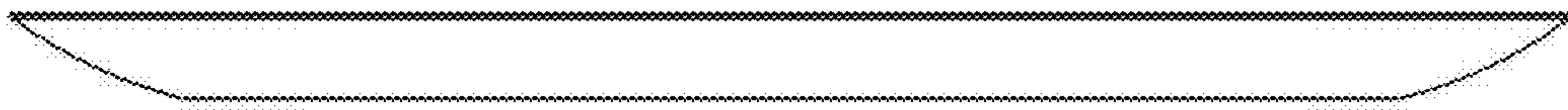


Fig. 7