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(12) **United States Design Patent** (10) **Patent No.:** **US D963,976 S**  
**Fu** (45) **Date of Patent:** **\*\* Sep. 13, 2022**

(54) **HAND-HELD VACUUM CLEANER**

(71) Applicant: **Anming Fu**, Shenzhen (CN)

(72) Inventor: **Anming Fu**, Shenzhen (CN)

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

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(51) **LOC (13) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/18**

(58) **Field of Classification Search**  
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CPC ..... A47L 11/24; A47L 11/33; A47L 11/32;  
A47L 9/1666; A47L 9/1608; A47L 11/00;  
A47L 11/38; A47L 5/24; Y10S 55/03  
See application file for complete search history.

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*Primary Examiner* — Michelle E. Wilson  
*Assistant Examiner* — Richard E Yenchesky  
(74) *Attorney, Agent, or Firm* — Che-Yang Chen; Law Office of Michael Chen

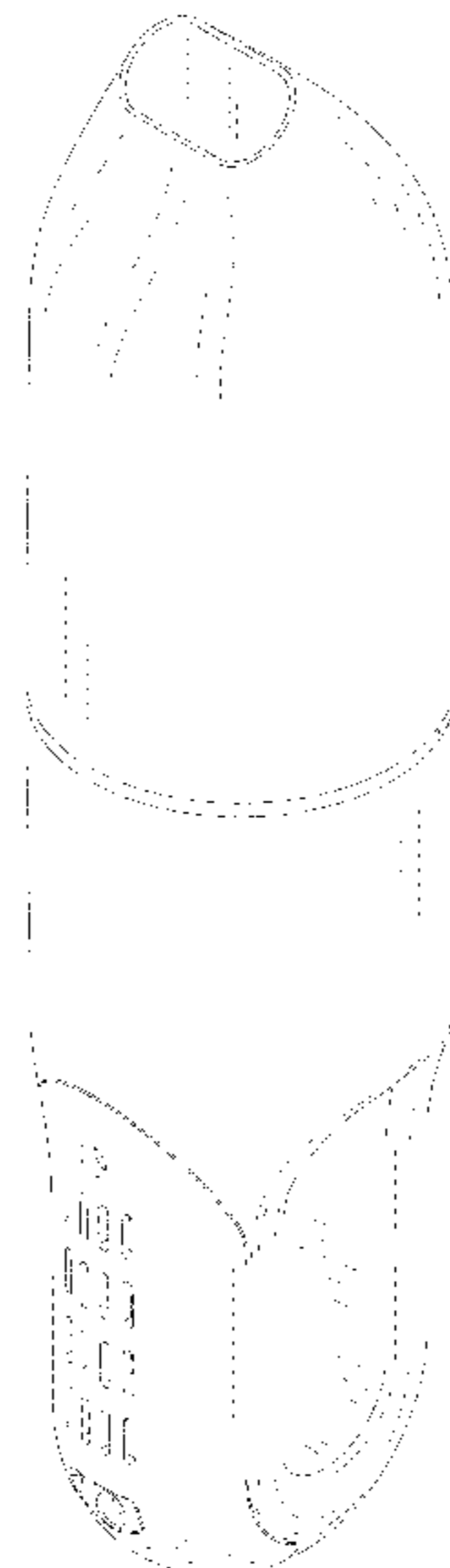
(57) **CLAIM**

The ornamental design for a hand-held vacuum cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the hand-held vacuum cleaner showing my 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;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a partial enlarged view thereof pointed out in FIG. 7.

**1 Claim, 8 Drawing Sheets**



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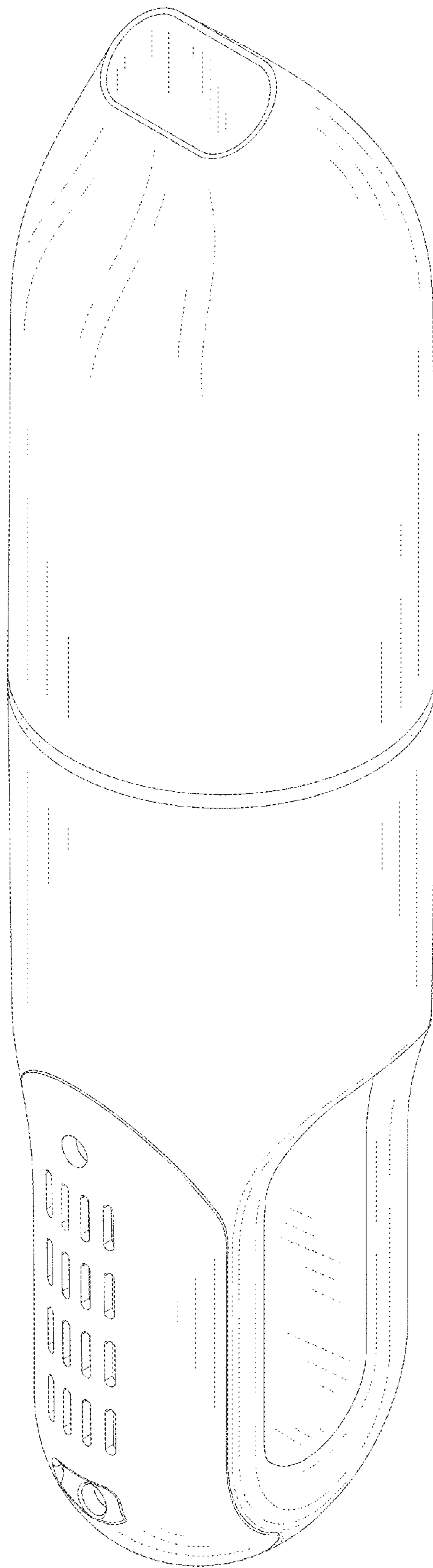


FIG.1

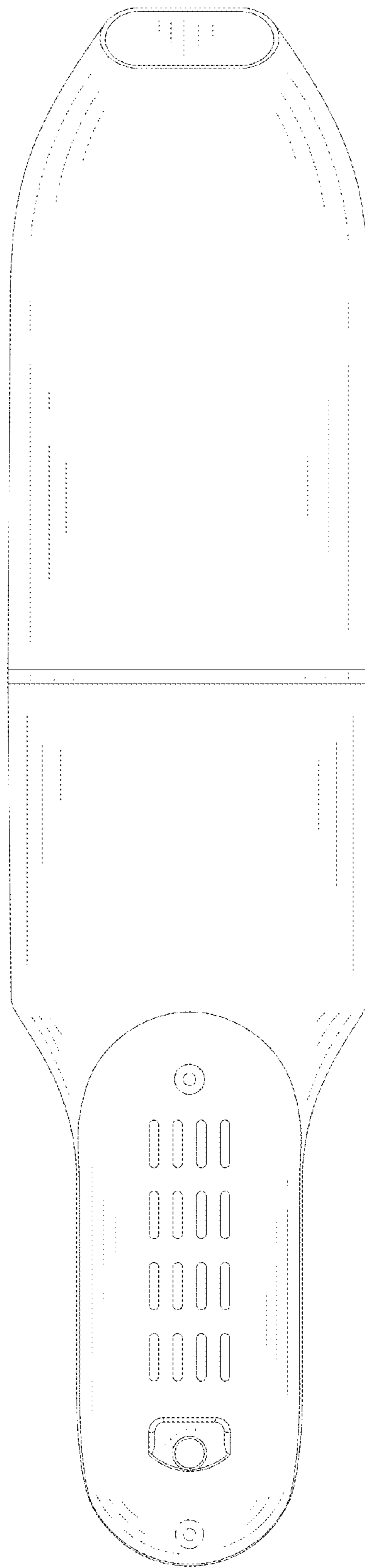


FIG. 2

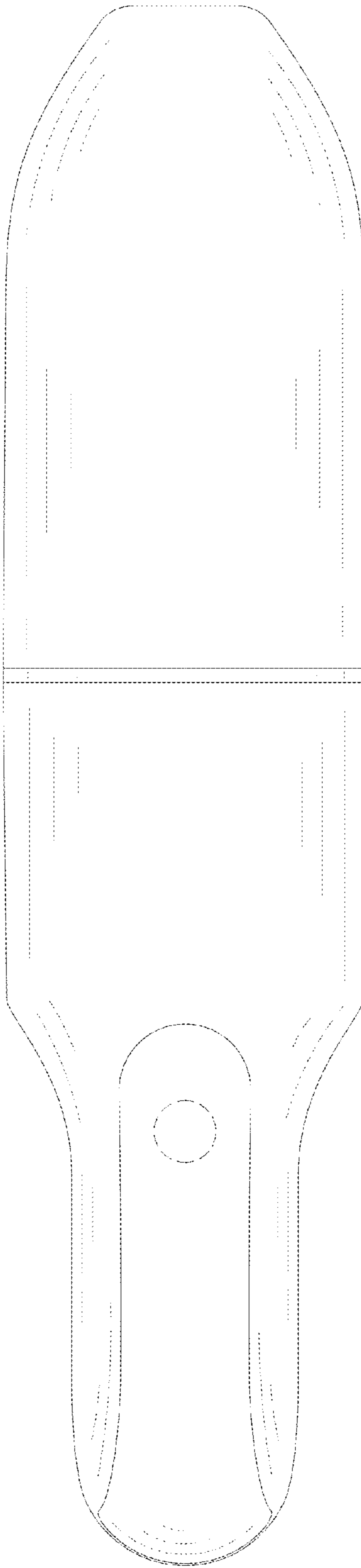


FIG. 3

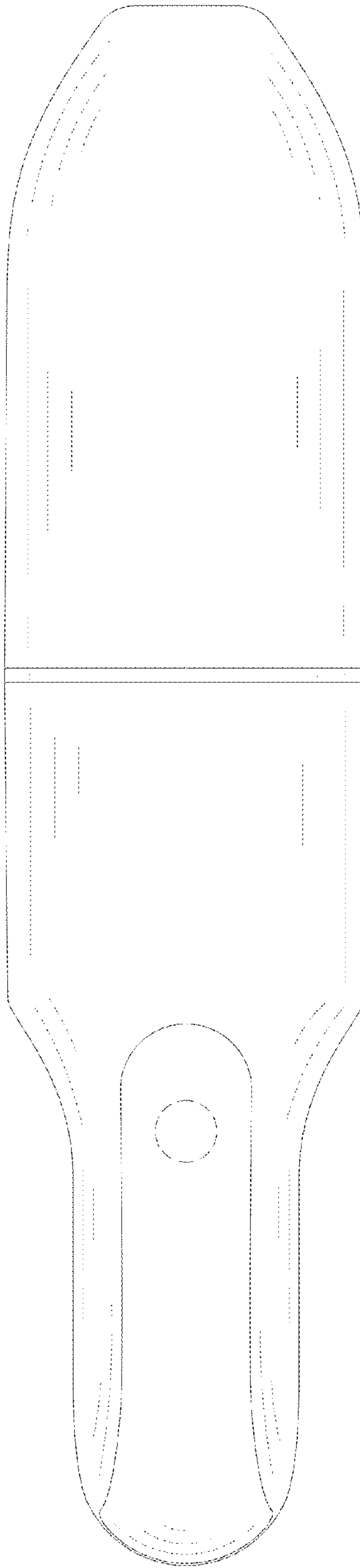


FIG. 4

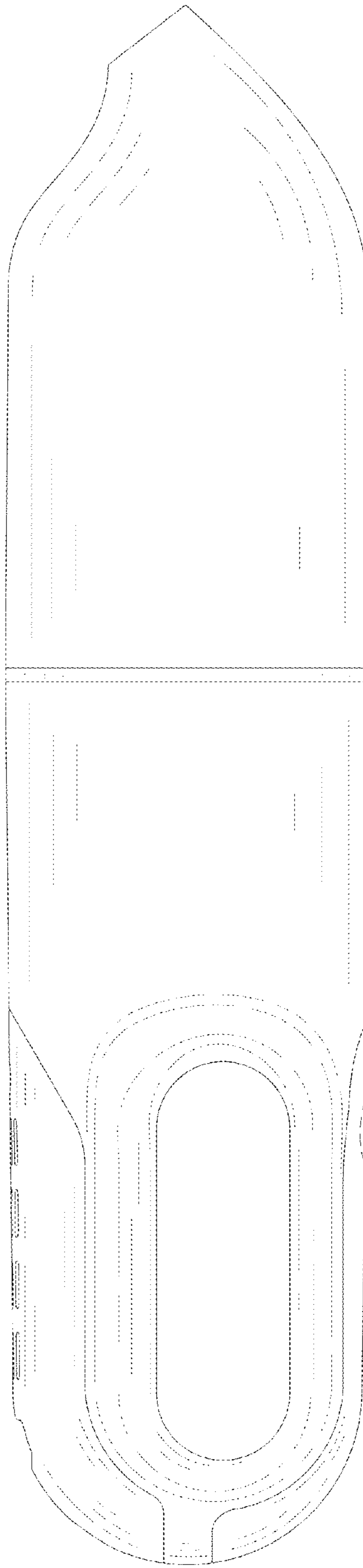


FIG.5

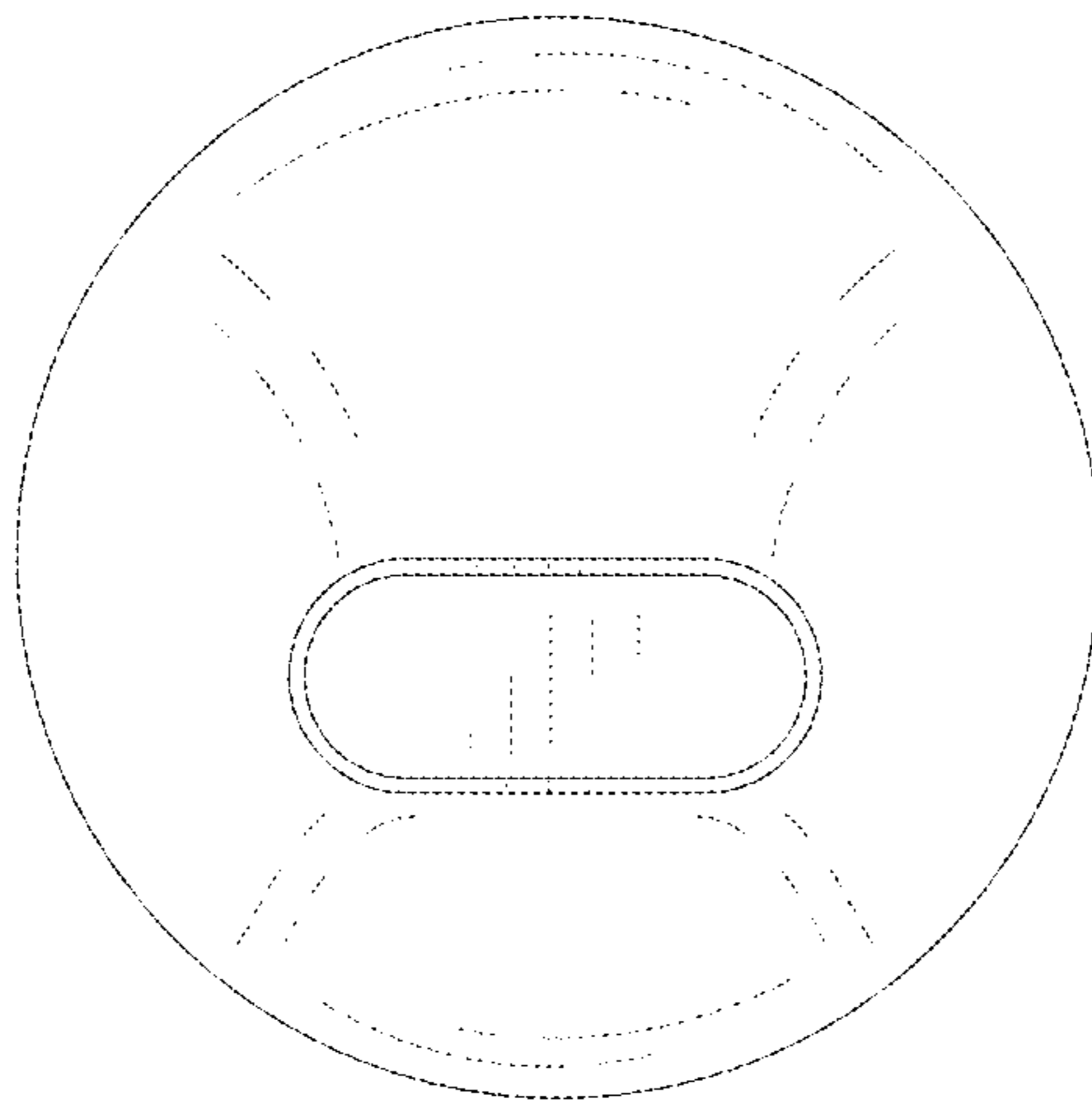


FIG. 6



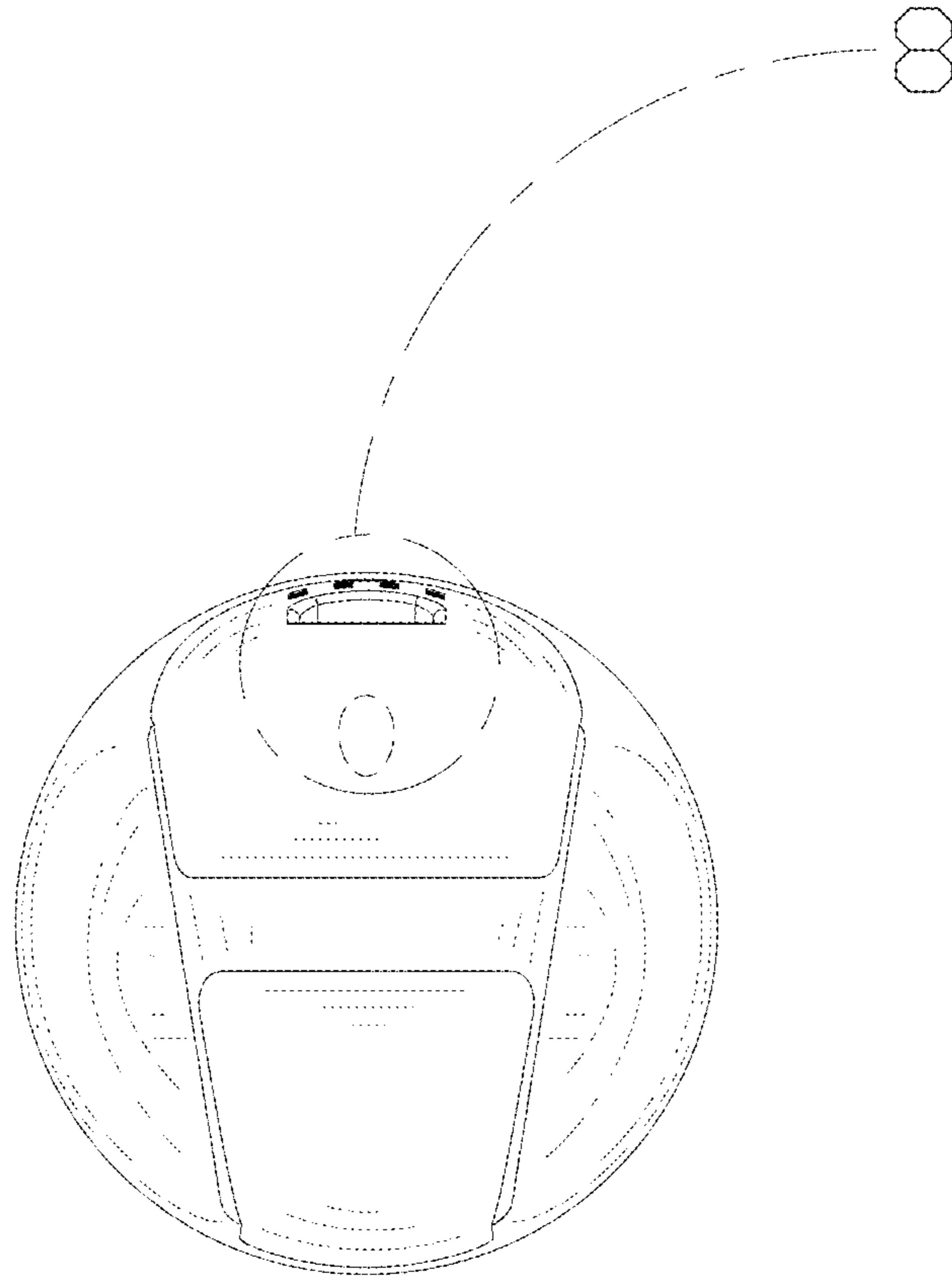


FIG. 7

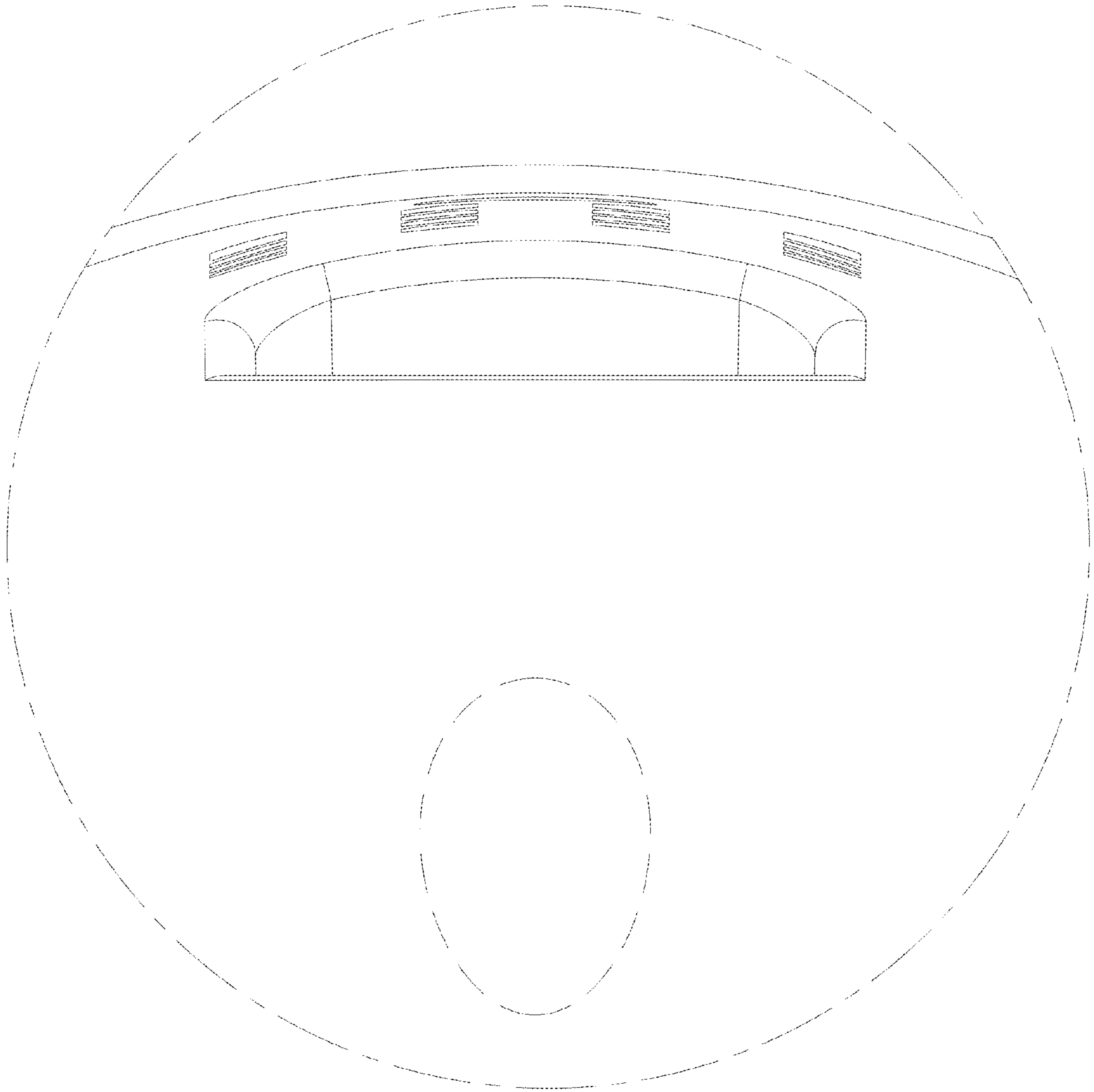


FIG. 8