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

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(45) **Date of Patent:** **** Apr. 20, 2021**

(54) **ROBOT CLEANER**

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- (**) Term: **15 Years**

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 Sep. 26, 2018 (CN) 201830540118.2

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

(52) **U.S. Cl.**
USPC **D32/21**

(58) **Field of Classification Search**
USPC D32/21, 31; D21/526, 578; D8/70, 310, D8/330; D10/37, 38, 50, 106.2, 106.5;
(Continued)

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(Continued)

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(57) **CLAIM**

We claim the ornamental design for a robot cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a robot cleaner, showing our new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a left-side, elevational view thereof;
 FIG. 4 is a right-side, elevational view thereof;
 FIG. 5 is a top plan view thereof;
 FIG. 6 is a bottom plan view thereof;
 FIG. 7 is a perspective view of the robot cleaner, showing a second embodiment of our new design;
 FIG. 8 is a front elevational view thereof;
 FIG. 9 is a left-side, elevational view thereof;
 FIG. 10 is a right-side, elevational view thereof;
 FIG. 11 is a top plan view thereof;
 FIG. 12 is a bottom plan view thereof;
 FIG. 13 is a perspective view of the robot cleaner, showing a third embodiment of our new design;
 FIG. 14 is a front elevational view thereof;
 FIG. 15 is a left-side, elevational view thereof;
 FIG. 16 is a right-side, elevational view thereof;
 FIG. 17 is a top plan view thereof;
 FIG. 18 is a bottom plan view thereof;
 FIG. 19 is a perspective view of the robot cleaner, showing a fourth embodiment of our new design;
 FIG. 20 is a front elevational view thereof;
 FIG. 21 is a left-side, elevational view thereof;
 FIG. 22 is a right-side, elevational view thereof;

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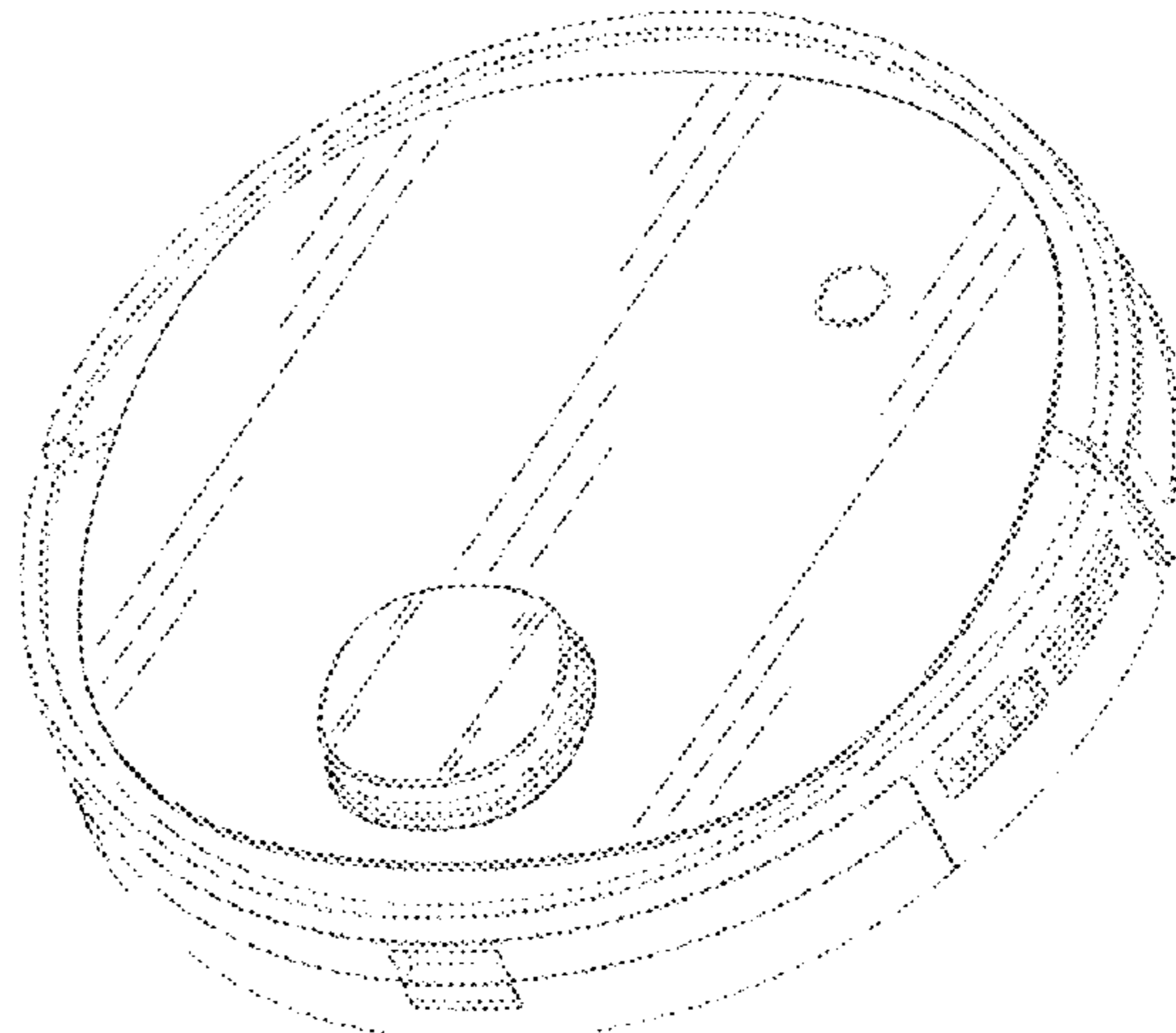
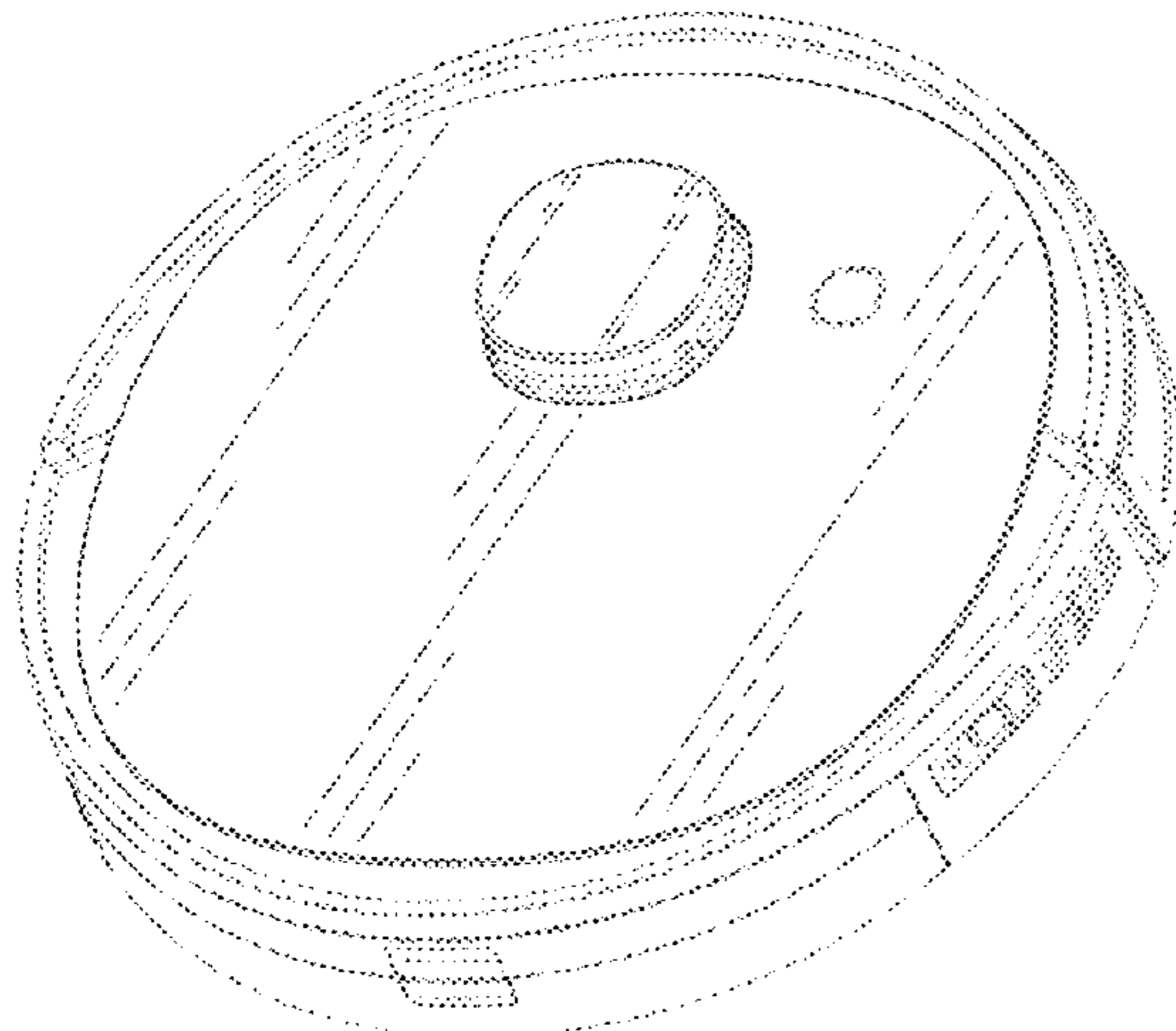


FIG. 23 is a top plan view thereof; and,
 FIG. 24 is a bottom plan view thereof.
 The broken lines show portions of the robot cleaner that
 form no part of the claimed design.

1 Claim, 10 Drawing Sheets

(58) **Field of Classification Search**

USPC D13/108, 209; D14/218, 248, 341, 344;
 D23/254

See application file for complete search history.

(56)

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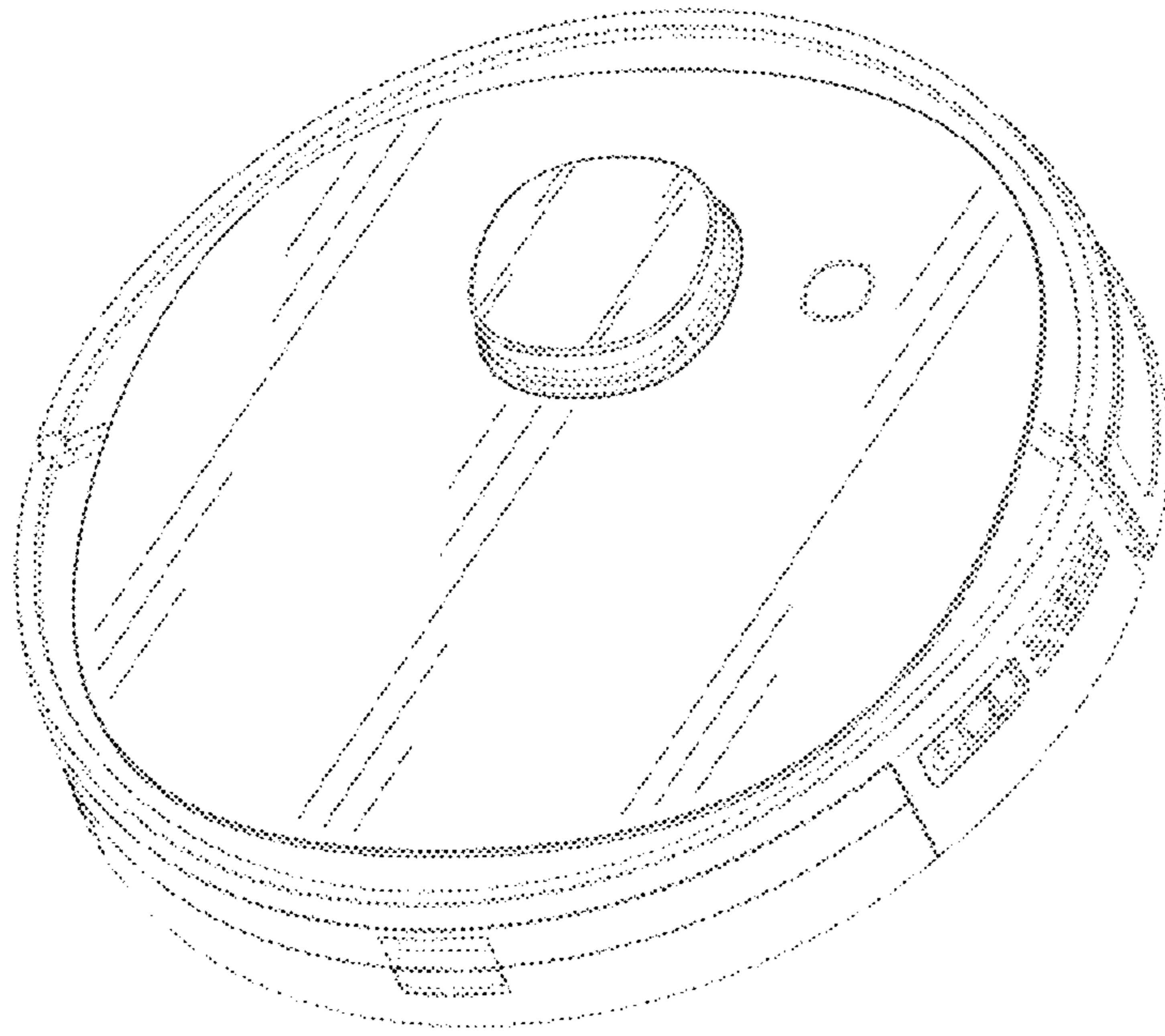


FIG.1

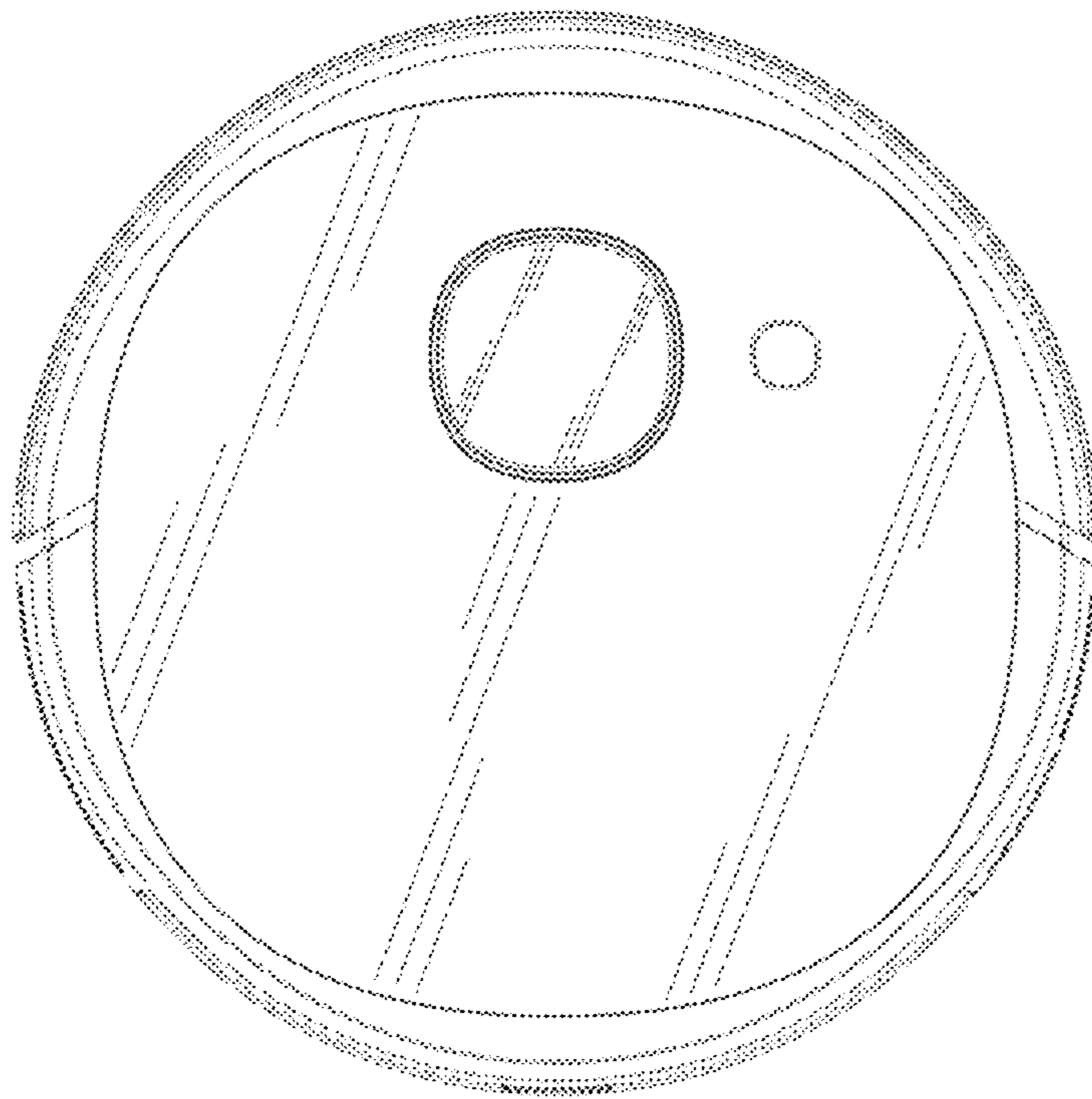


FIG.2

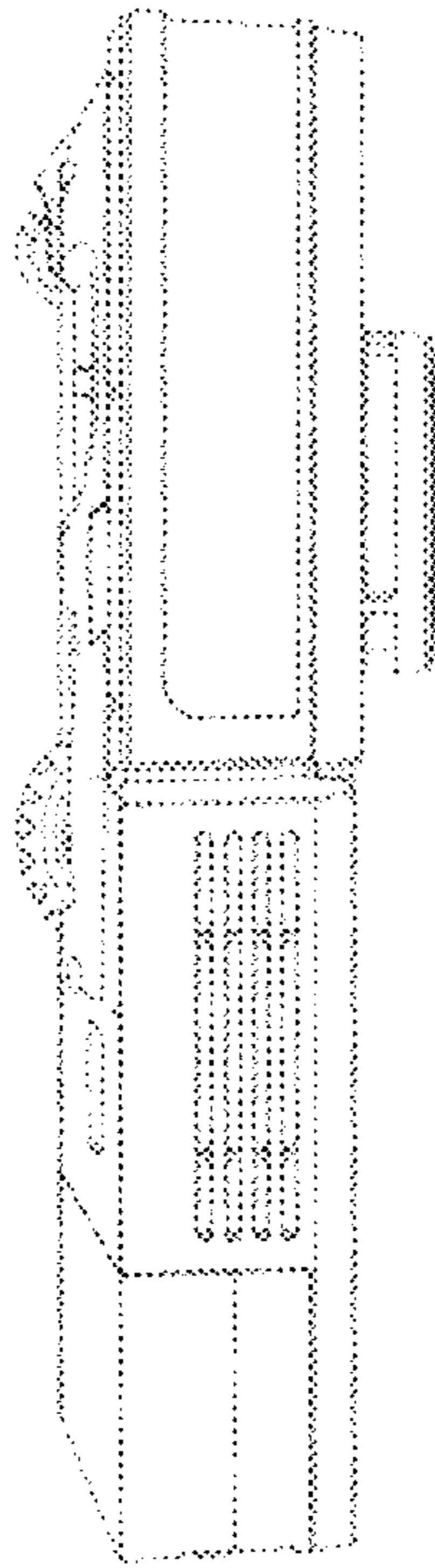


FIG.3

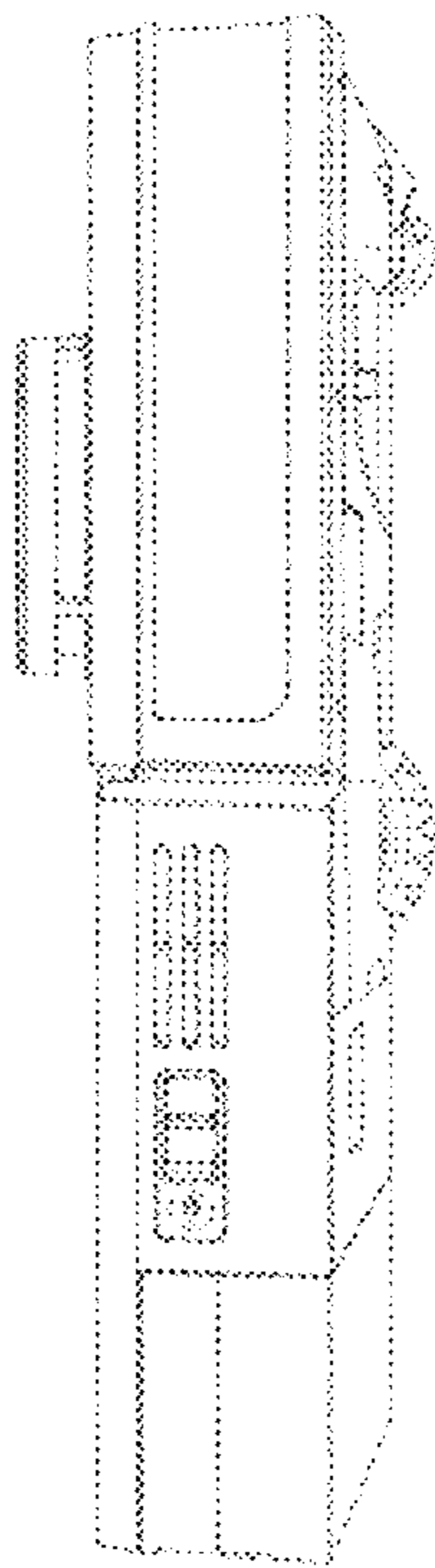


FIG.4

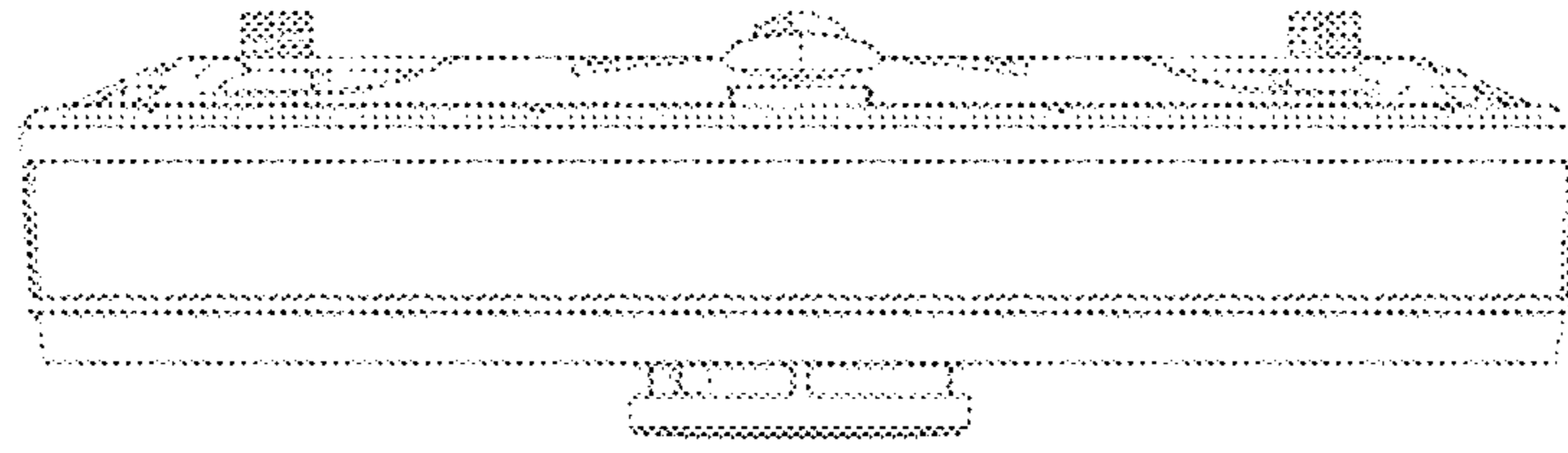


FIG. 5

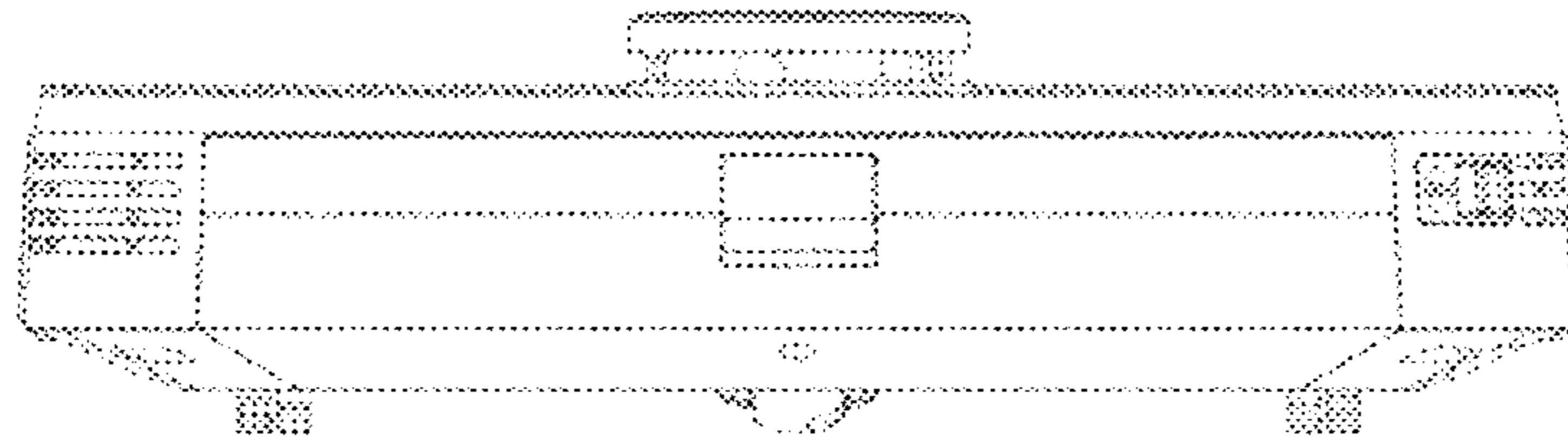


FIG. 6

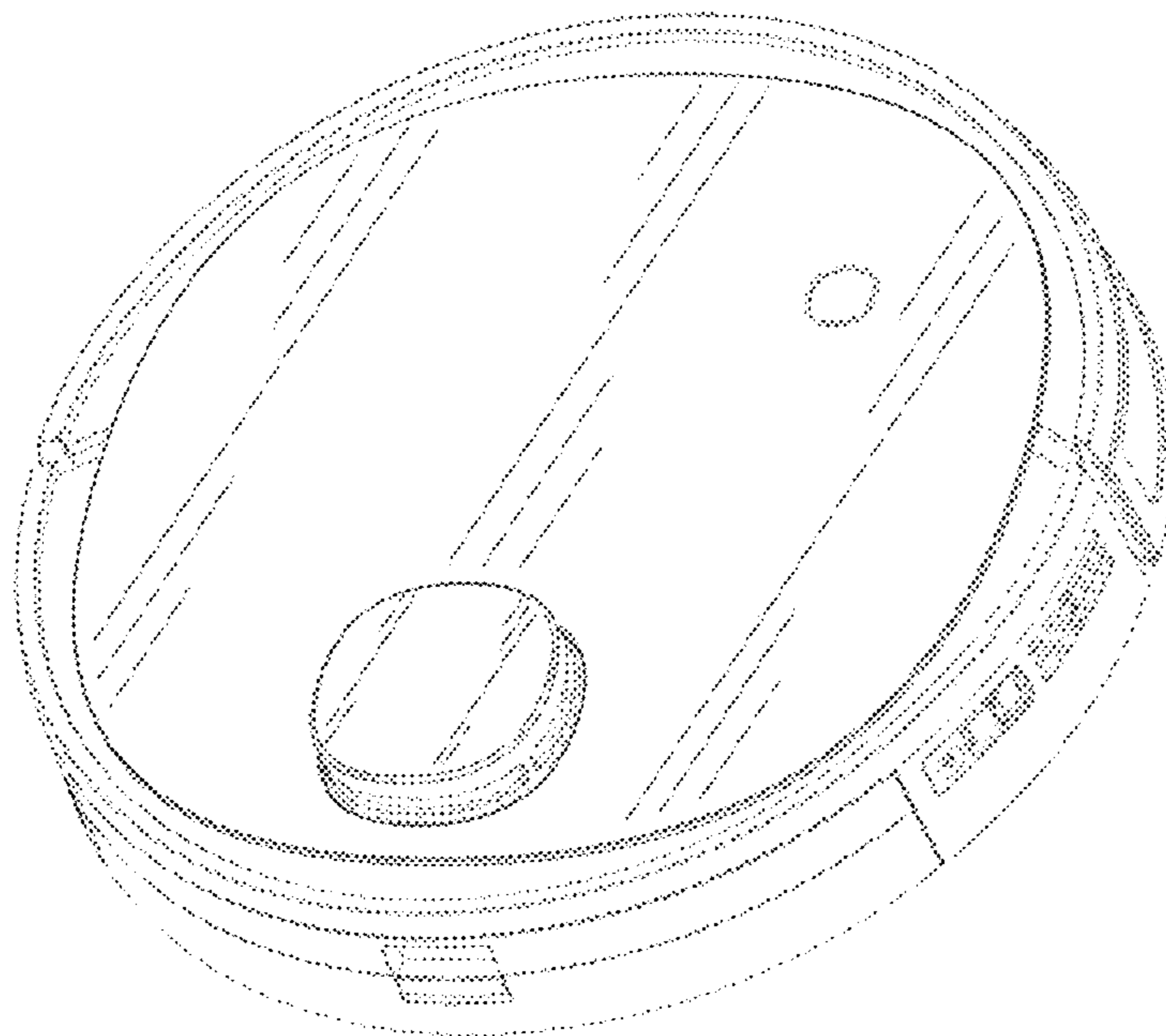


FIG. 7

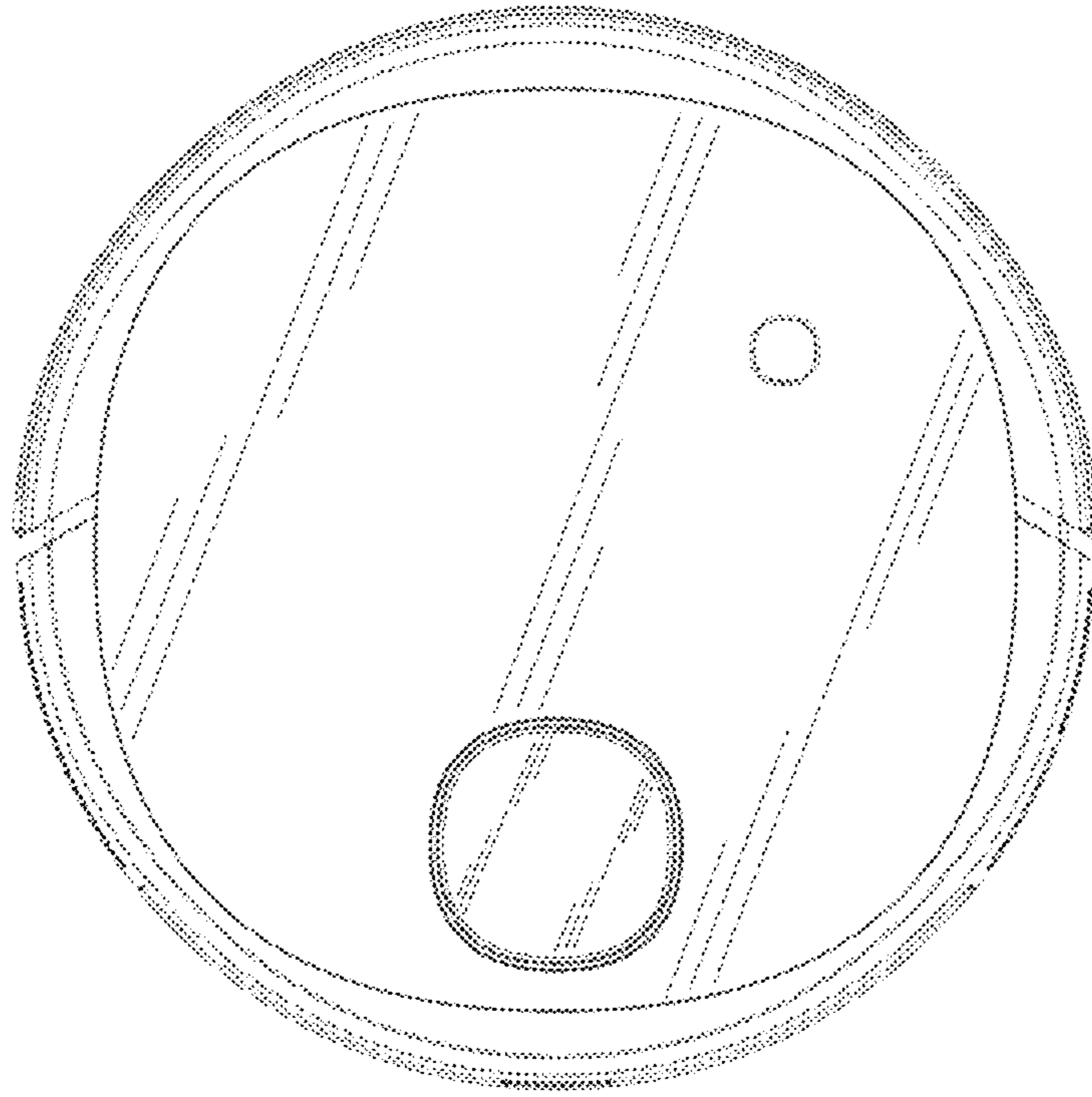


FIG.8

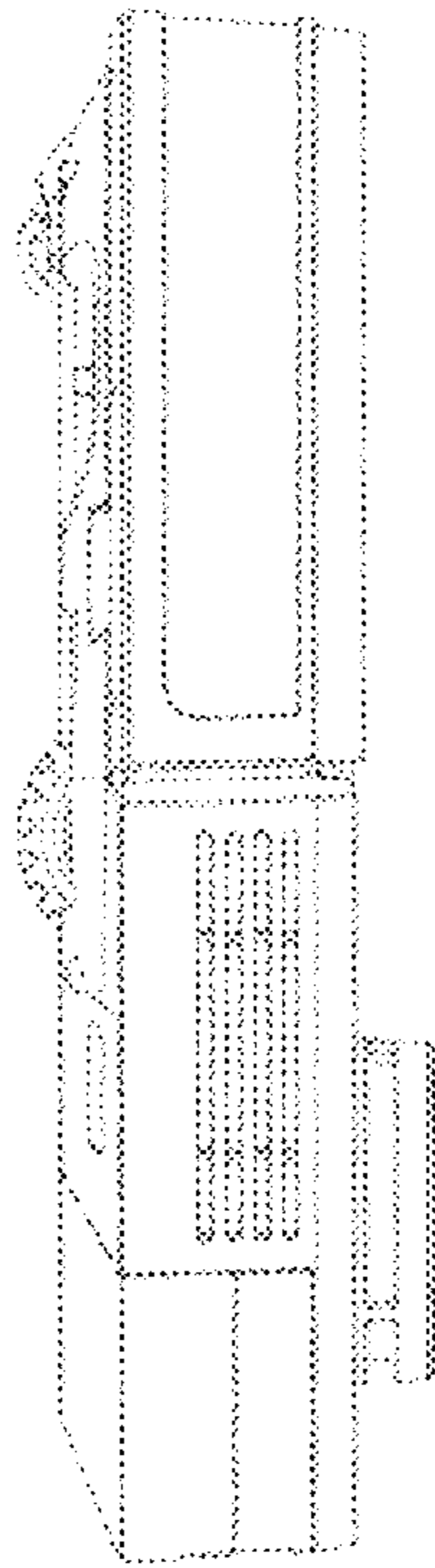


FIG.9

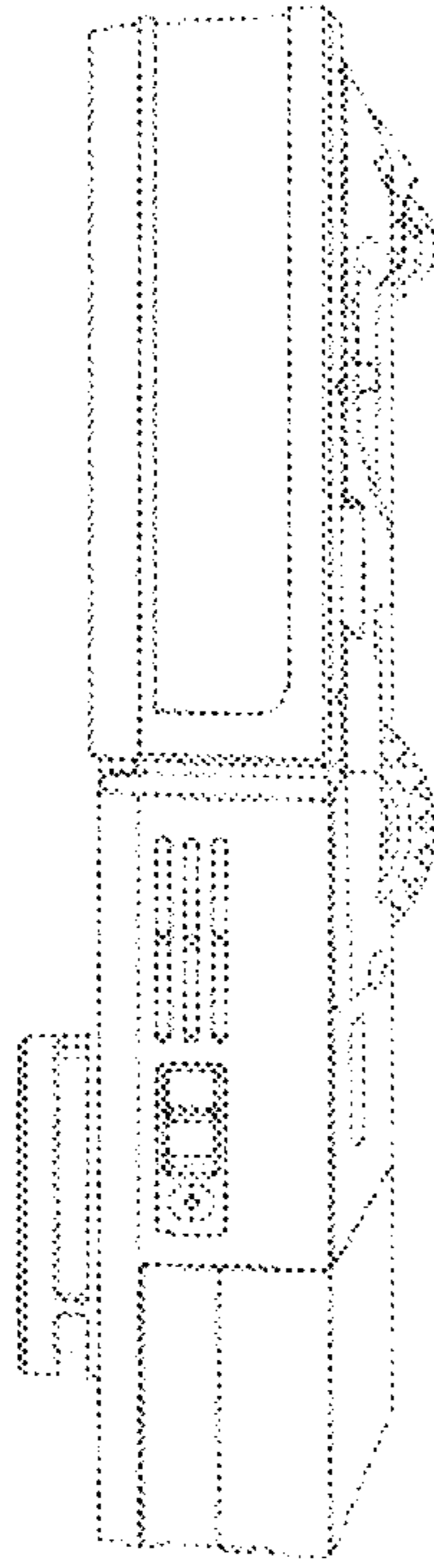


FIG.10

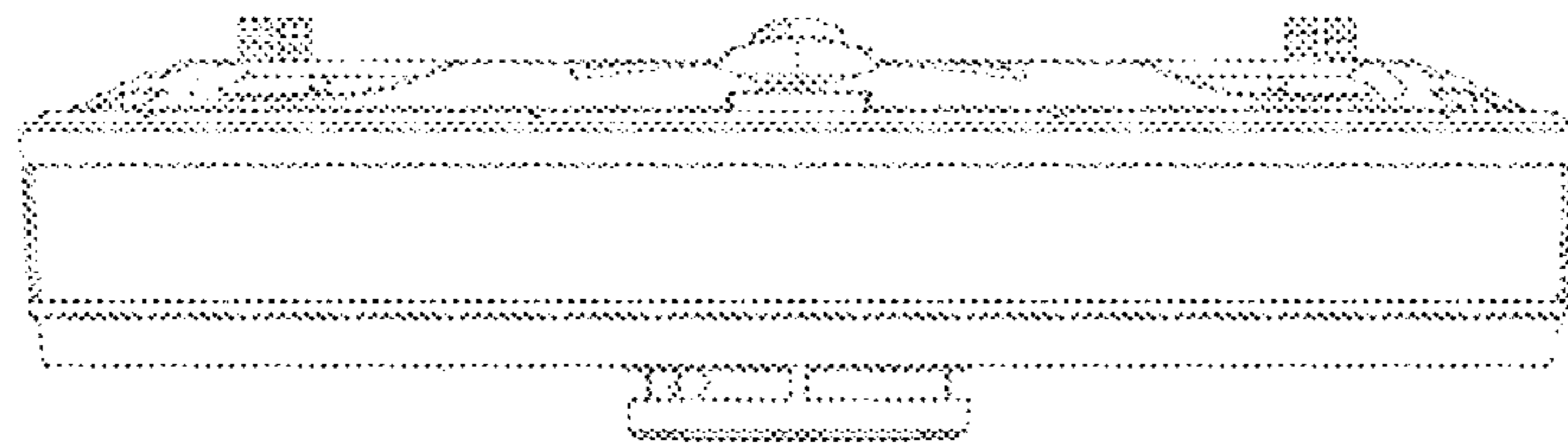


FIG.11

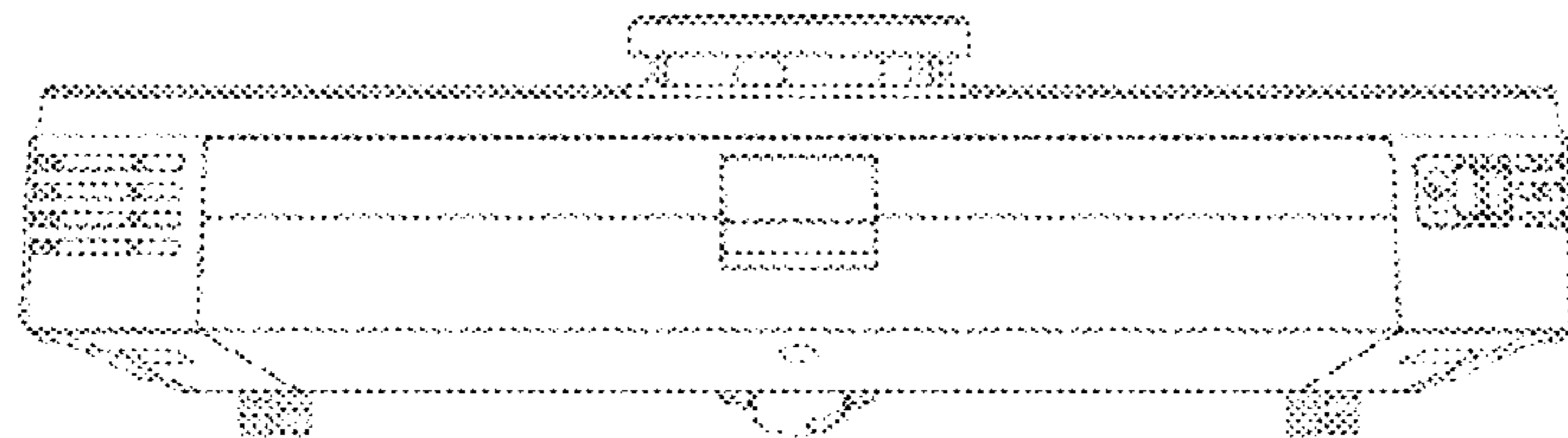


FIG.12

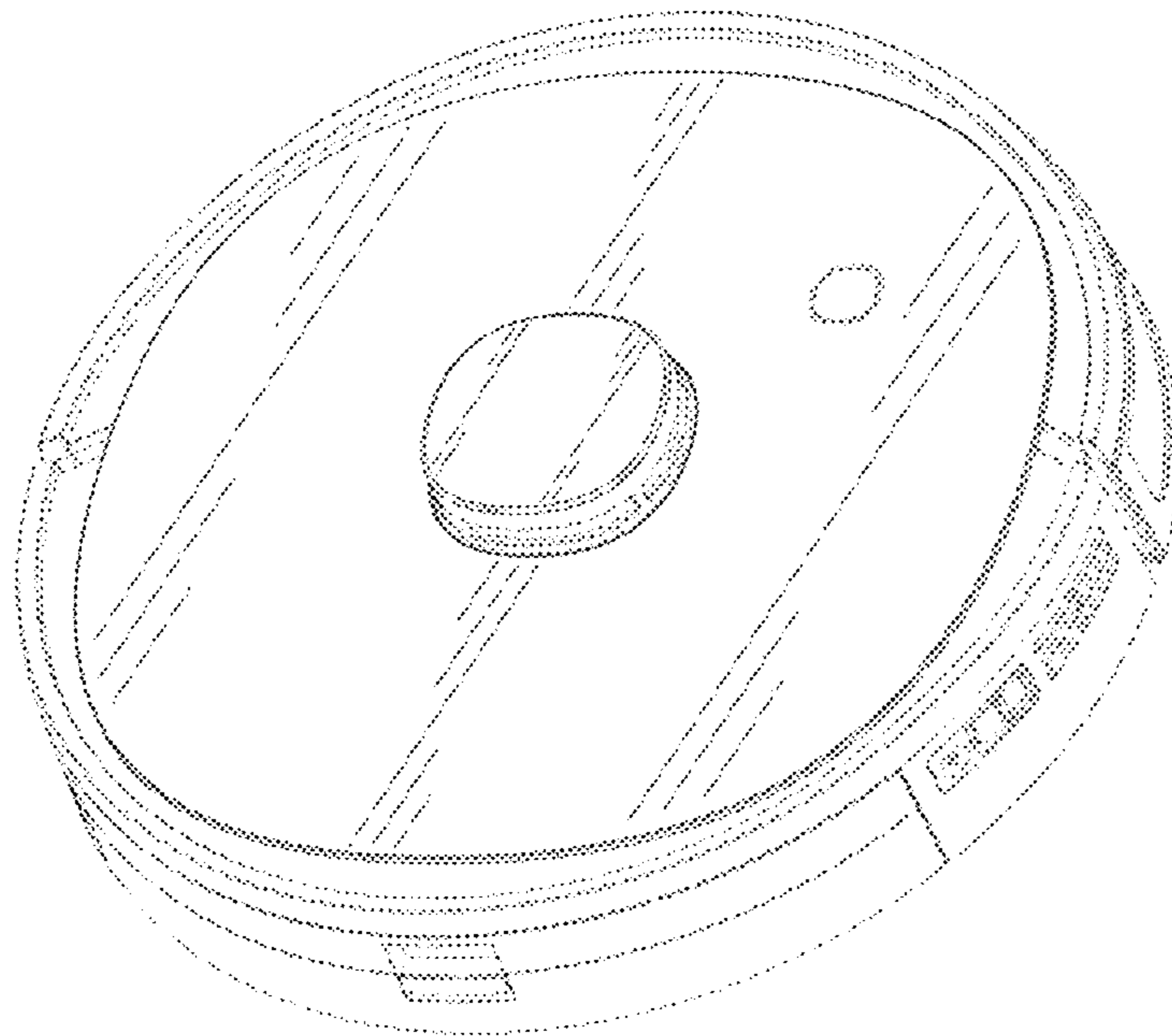


FIG.13

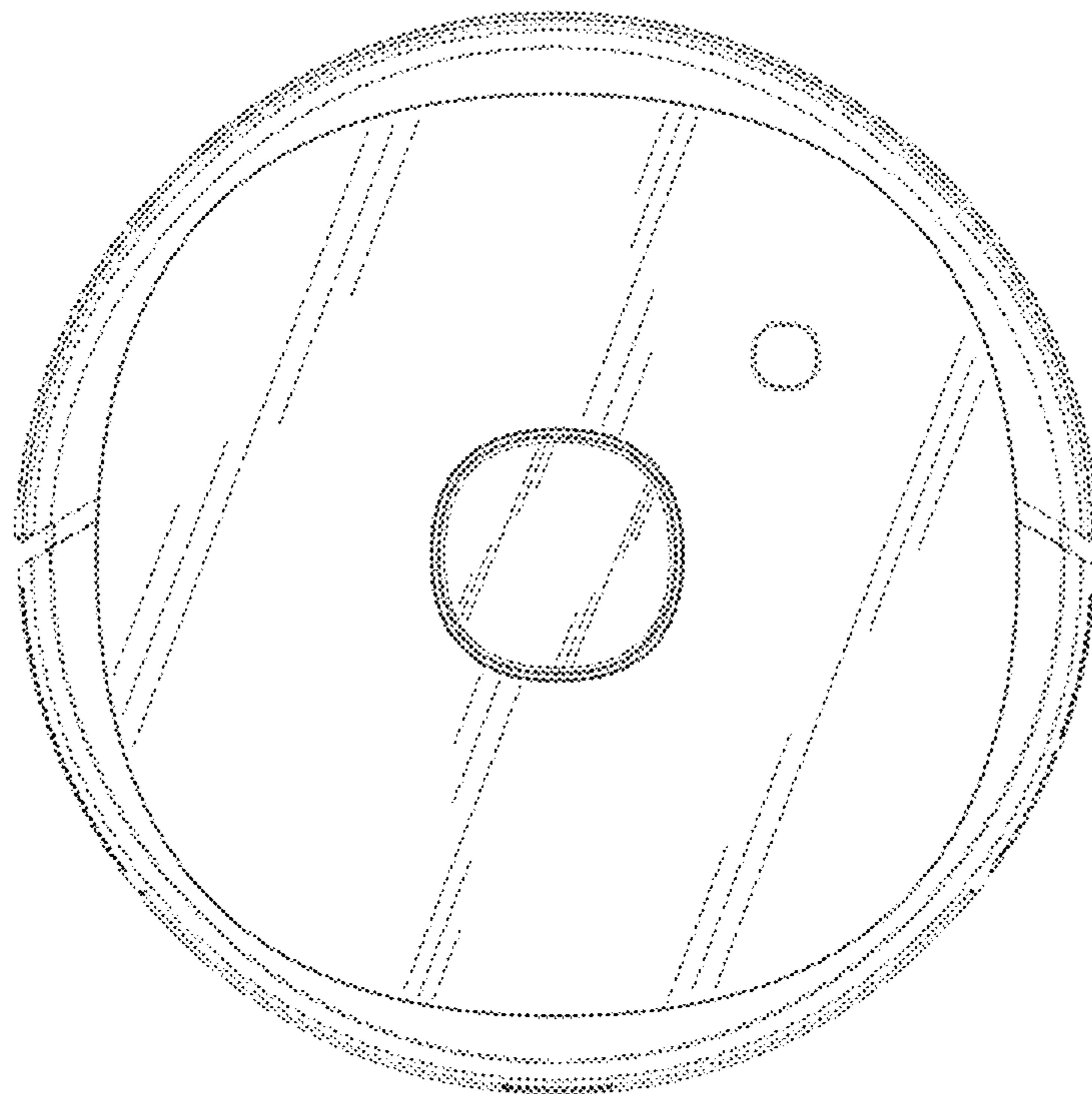


FIG.14

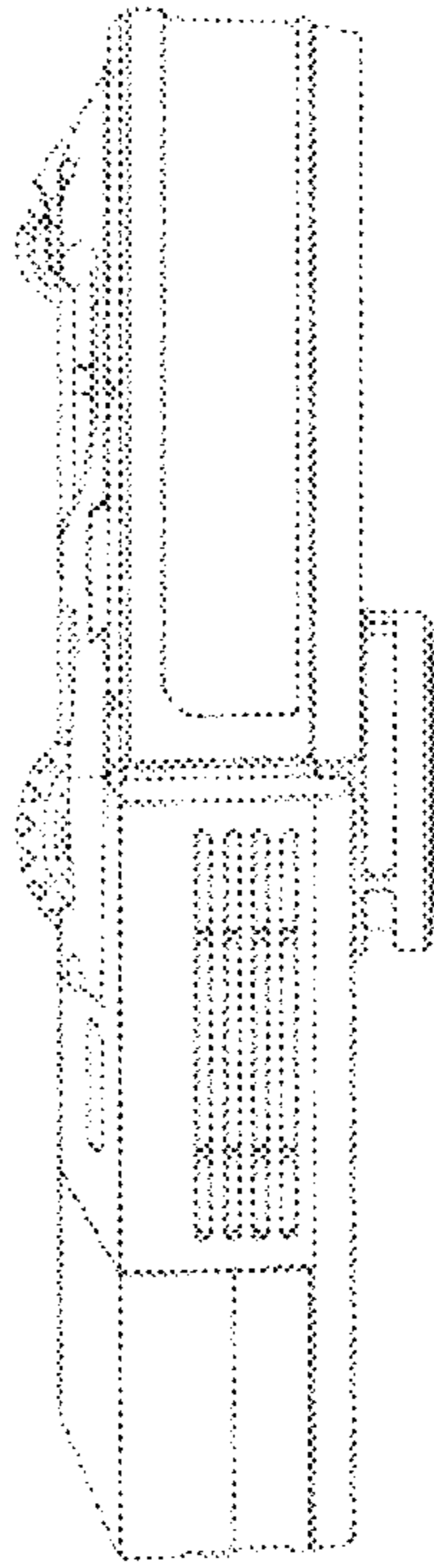


FIG.15

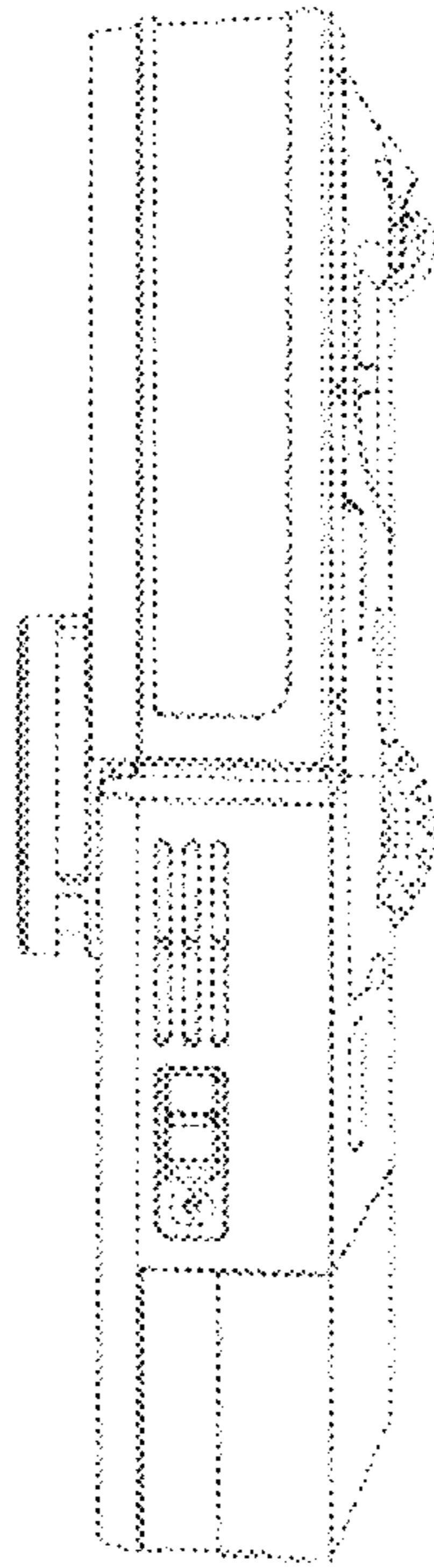


FIG.16

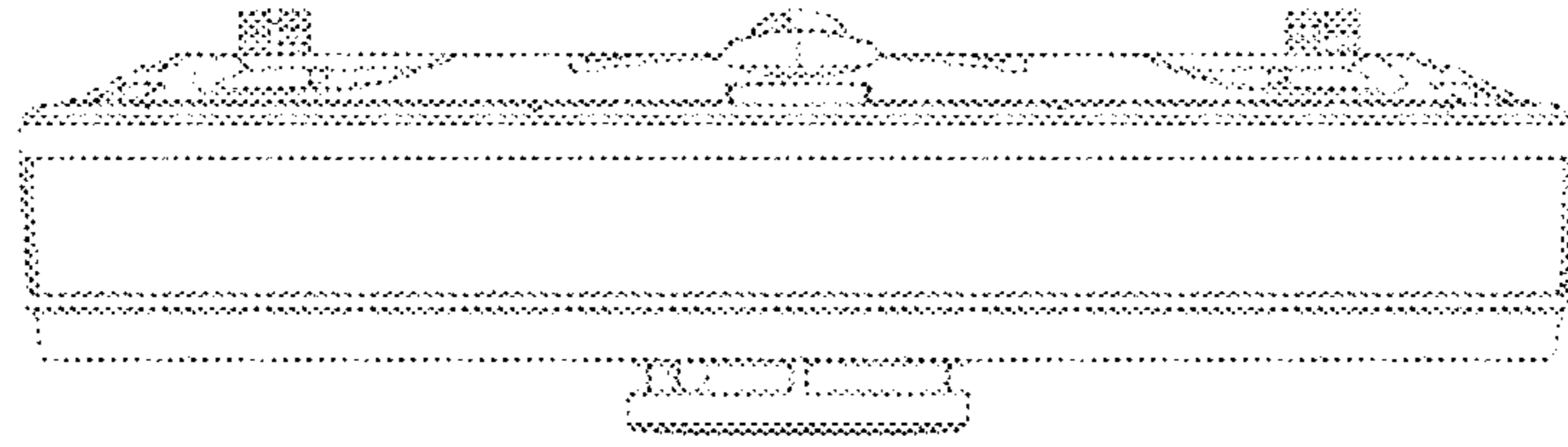


FIG.17

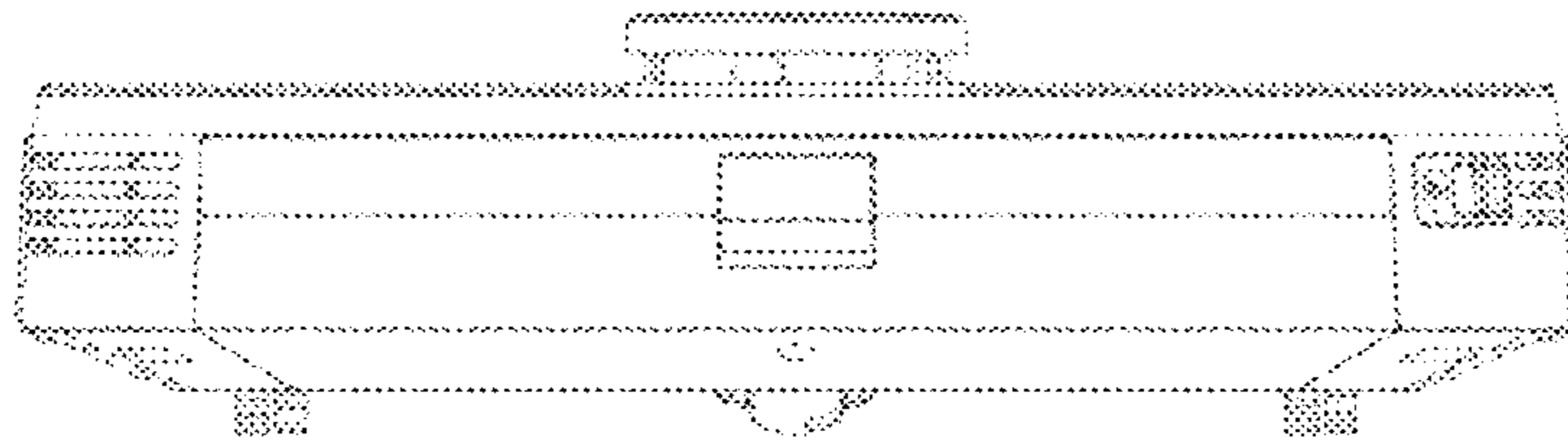


FIG.18

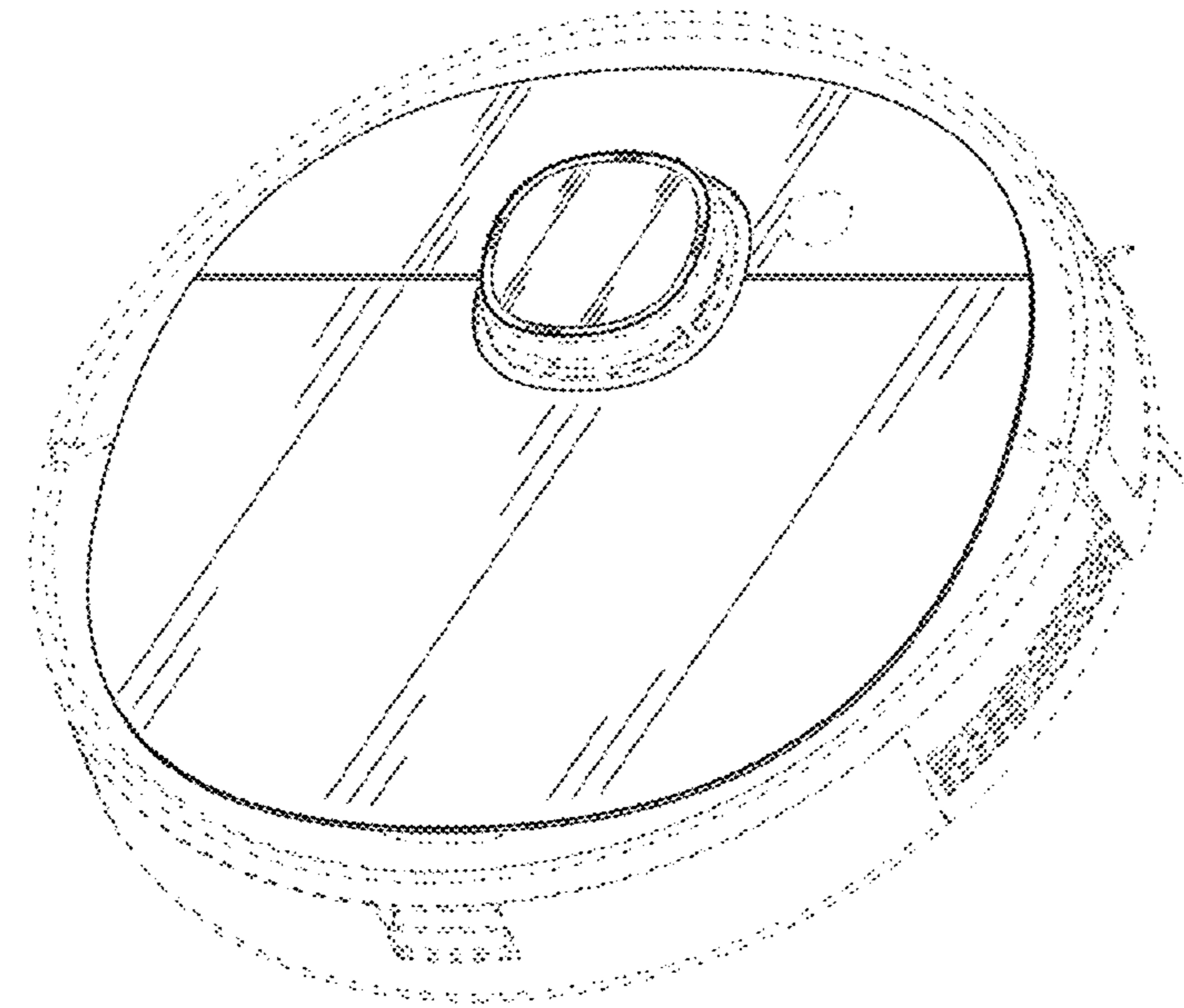


FIG.19

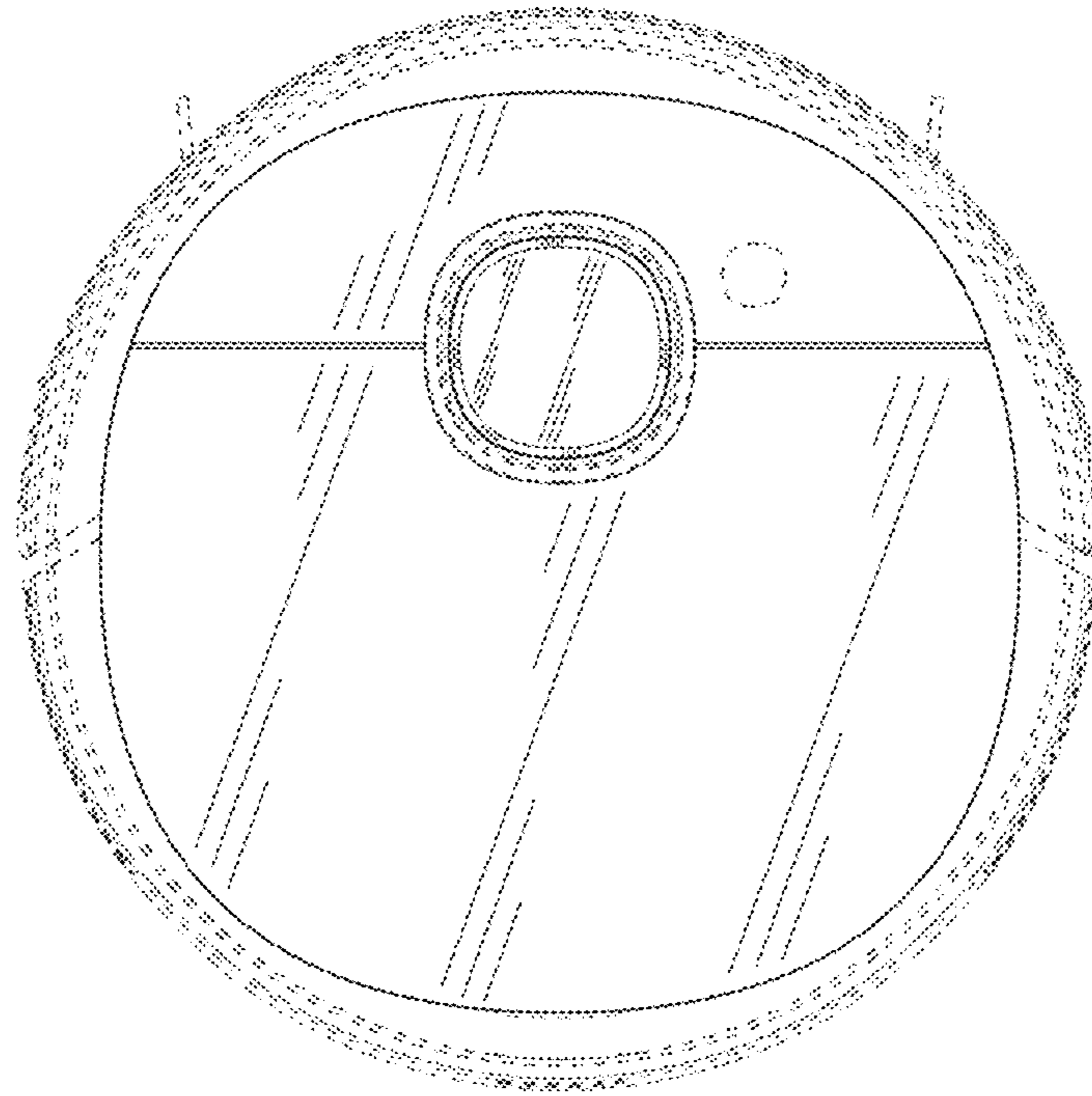


FIG.20

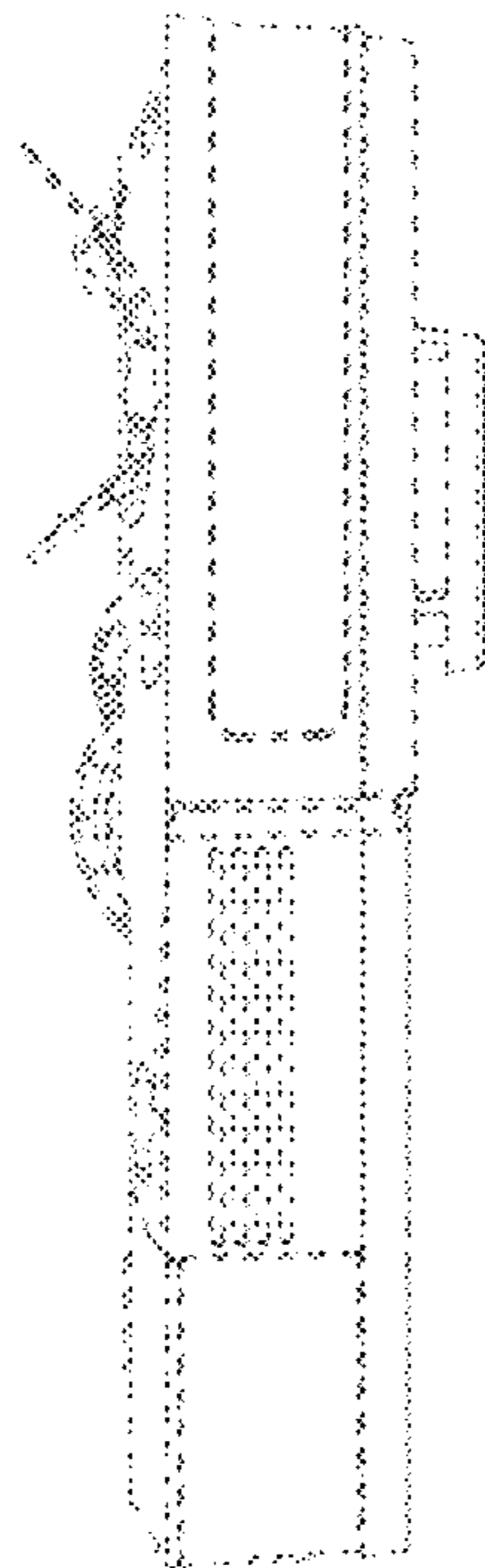


FIG.21

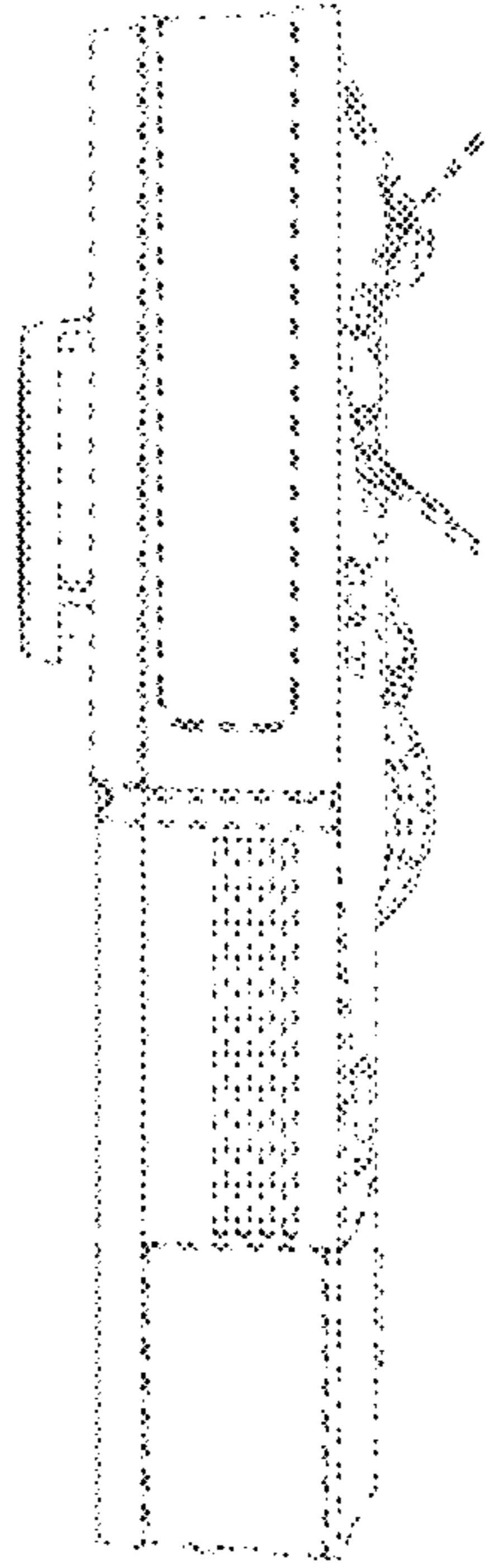


FIG.22

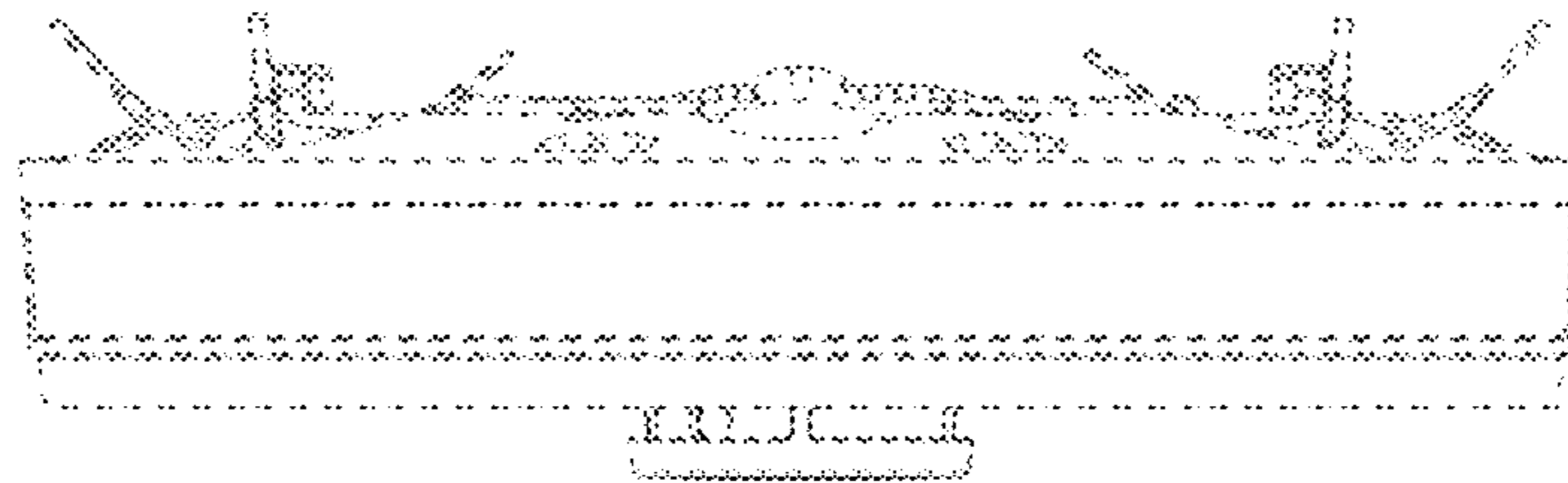


FIG.23

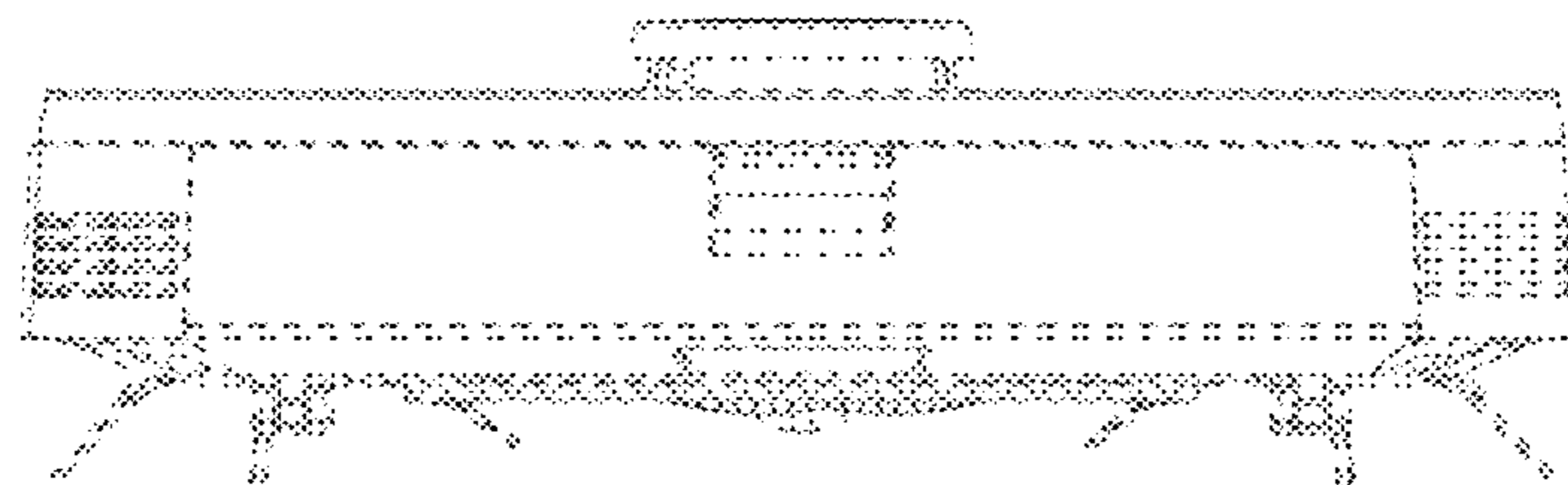


FIG.24