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(12) **United States Design Patent**  
**Nakamura**

(10) **Patent No.:** **US D924,293 S**  
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(54) **AUTONOMOUS MOBILE ROBOT**  
(71) Applicant: **Soichiro Nakamura**, Tokyo (JP)  
(72) Inventor: **Soichiro Nakamura**, Tokyo (JP)  
(\*\*) Term: **15 Years**

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(Continued)

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(22) Filed: **Apr. 17, 2020**

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(30) **Foreign Application Priority Data**

Oct. 18, 2019 (JP) ..... 2019-023252

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(51) **LOC (13) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/199**

(57) **CLAIM**

I claim the ornamental design for an autonomous mobile robot, as shown and described.

(58) **Field of Classification Search**  
USPC ..... D15/199; D21/578–583, 621, 622;  
D32/21; D34/34

CPC ..... B25J 5/007; B25J 11/00; B25J 11/008;  
B62D 57/024; G06N 3/008; Y10S 901/01

See application file for complete search history.

**DESCRIPTION**

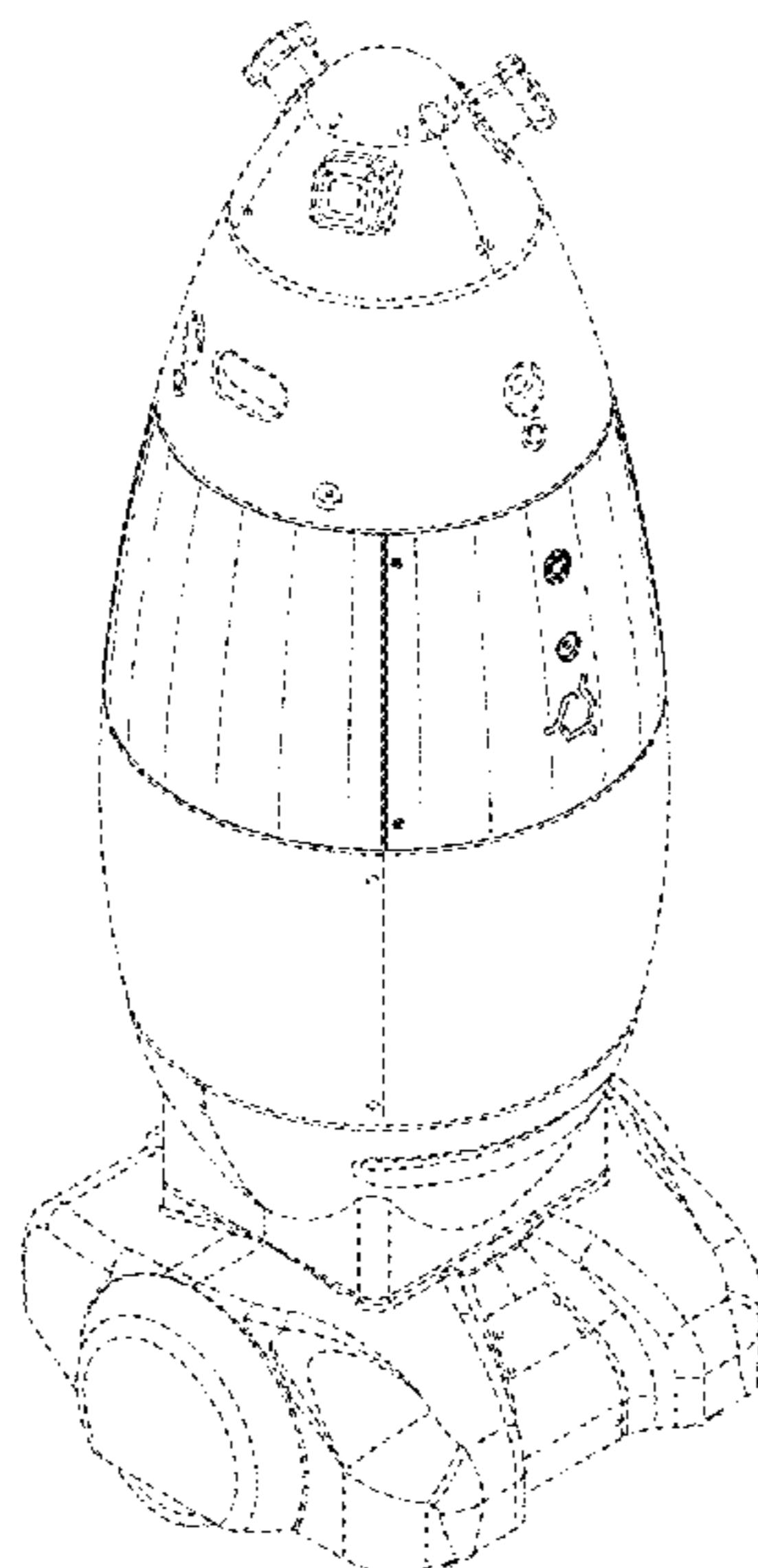
FIG. 1 is a front perspective view of an autonomous mobile robot, showing my new design;  
FIG. 2 is a rear perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a right side elevational view thereof;  
FIG. 8 is a left side elevational view thereof;  
FIG. 9 is an enlarged front elevational view of the 9-9 portion of FIG. 3;  
FIG. 10 is a cross-sectional view taken along line 10-10 of FIG. 9 in which internal mechanisms are omitted; and,  
FIG. 11 is a cross-sectional view taken along line 11-11 of FIG. 9 in which internal mechanisms are omitted.  
The dashed broken lines show portions of the autonomous mobile robot that form no part of the claimed design.

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**1 Claim, 11 Drawing Sheets**



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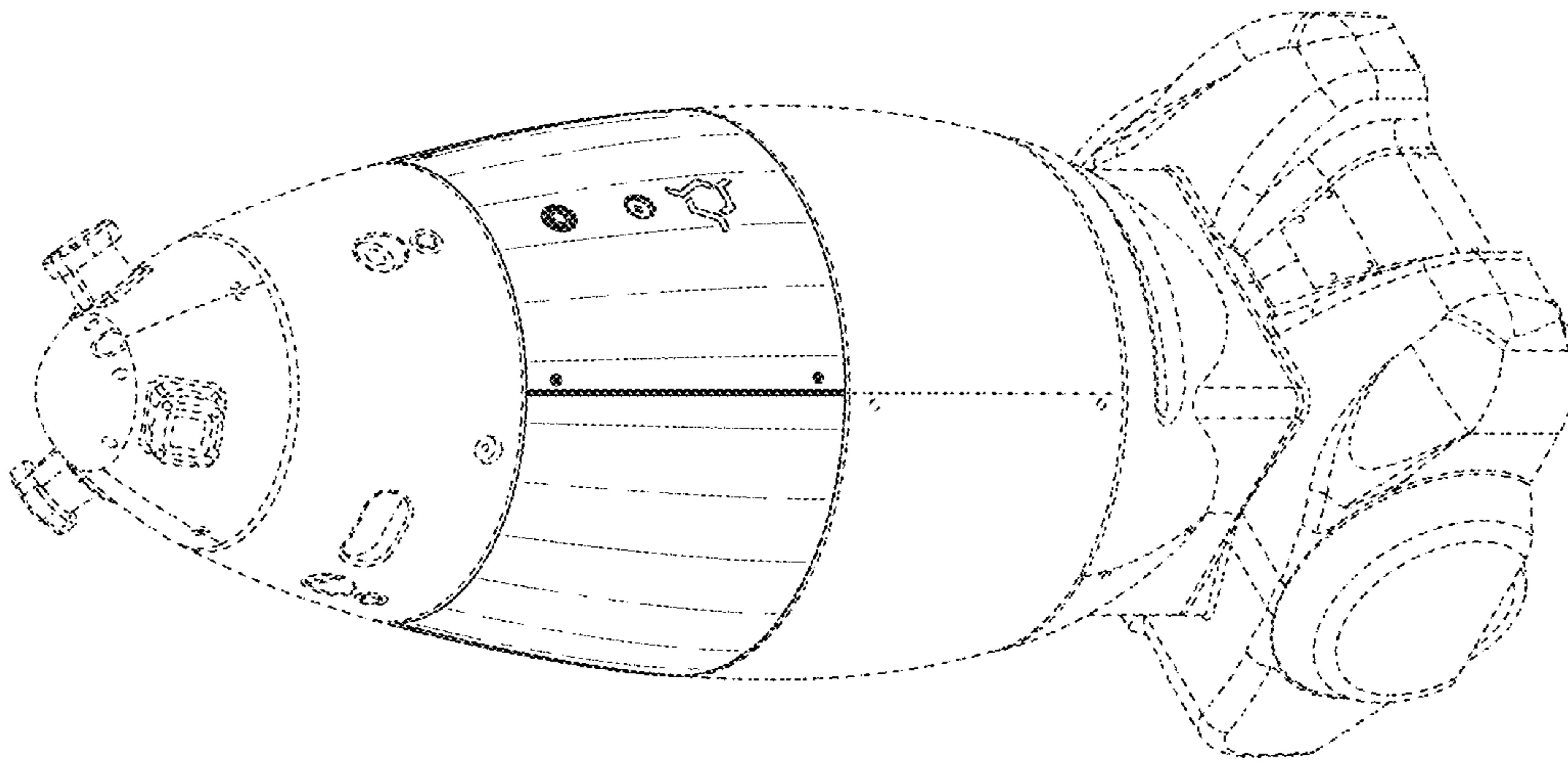


FIG.1

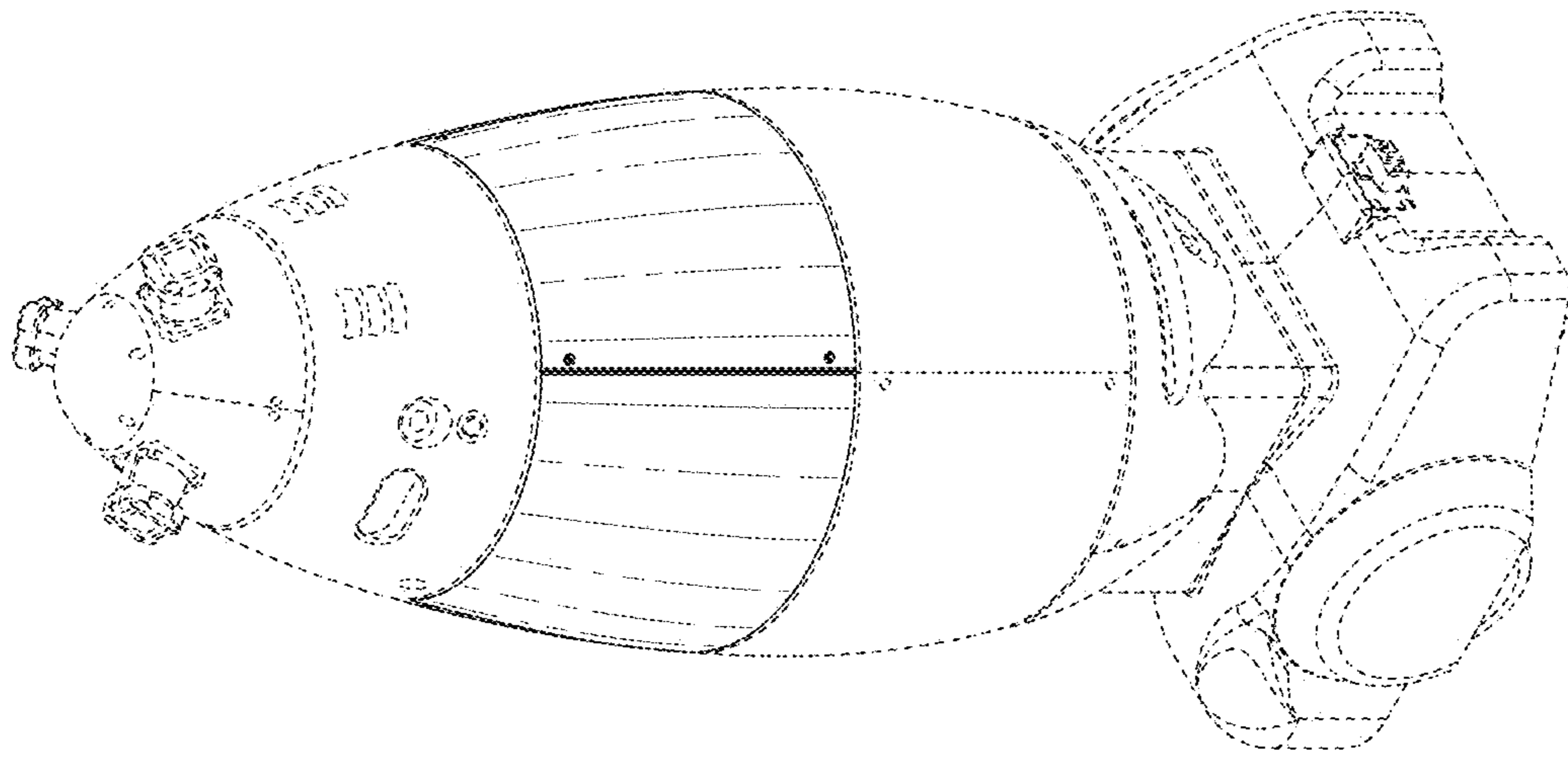


FIG.2

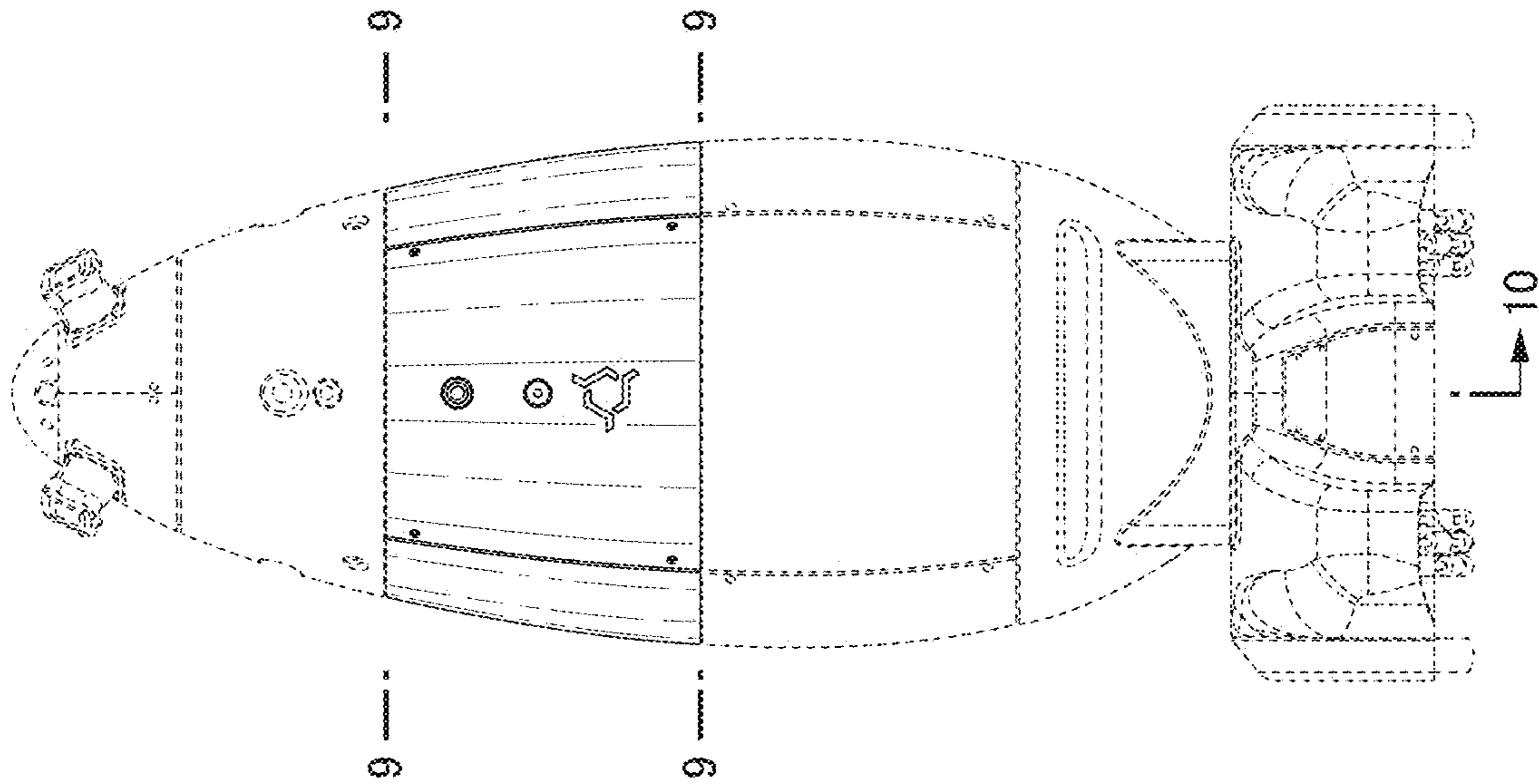


FIG.3

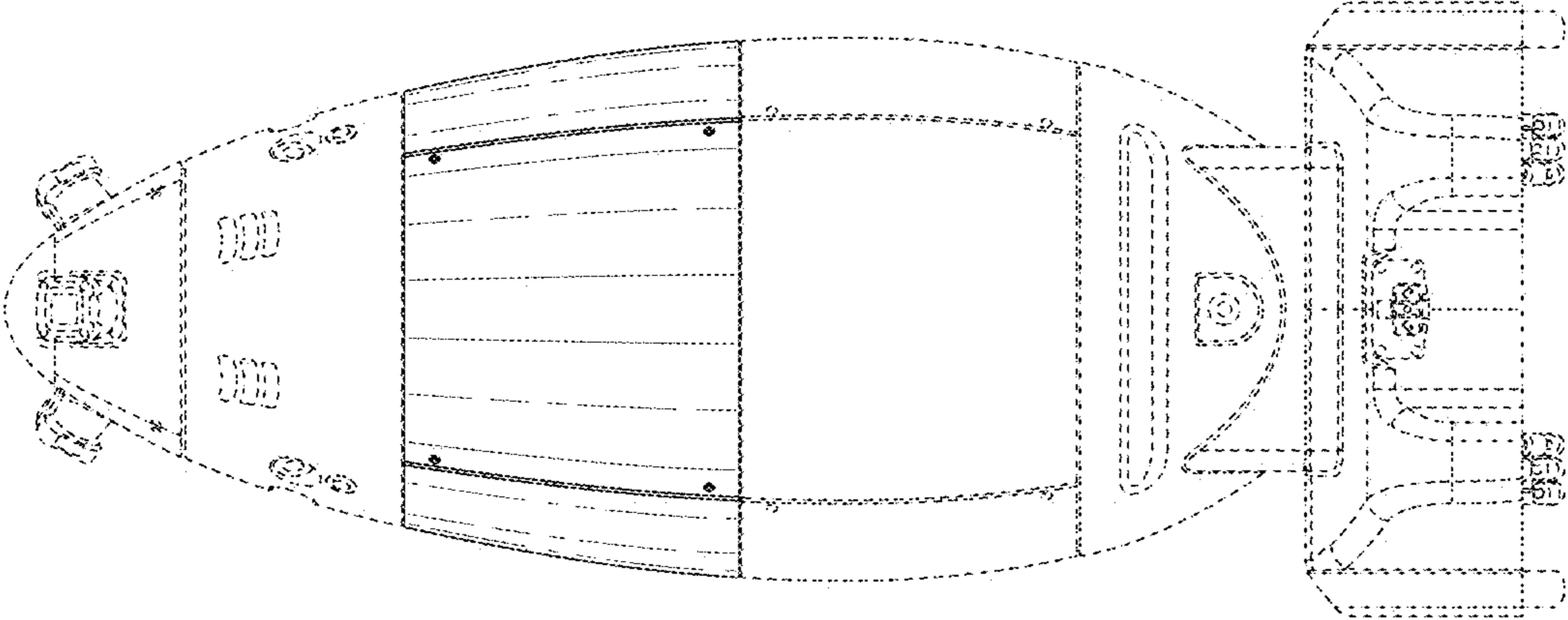


FIG.4



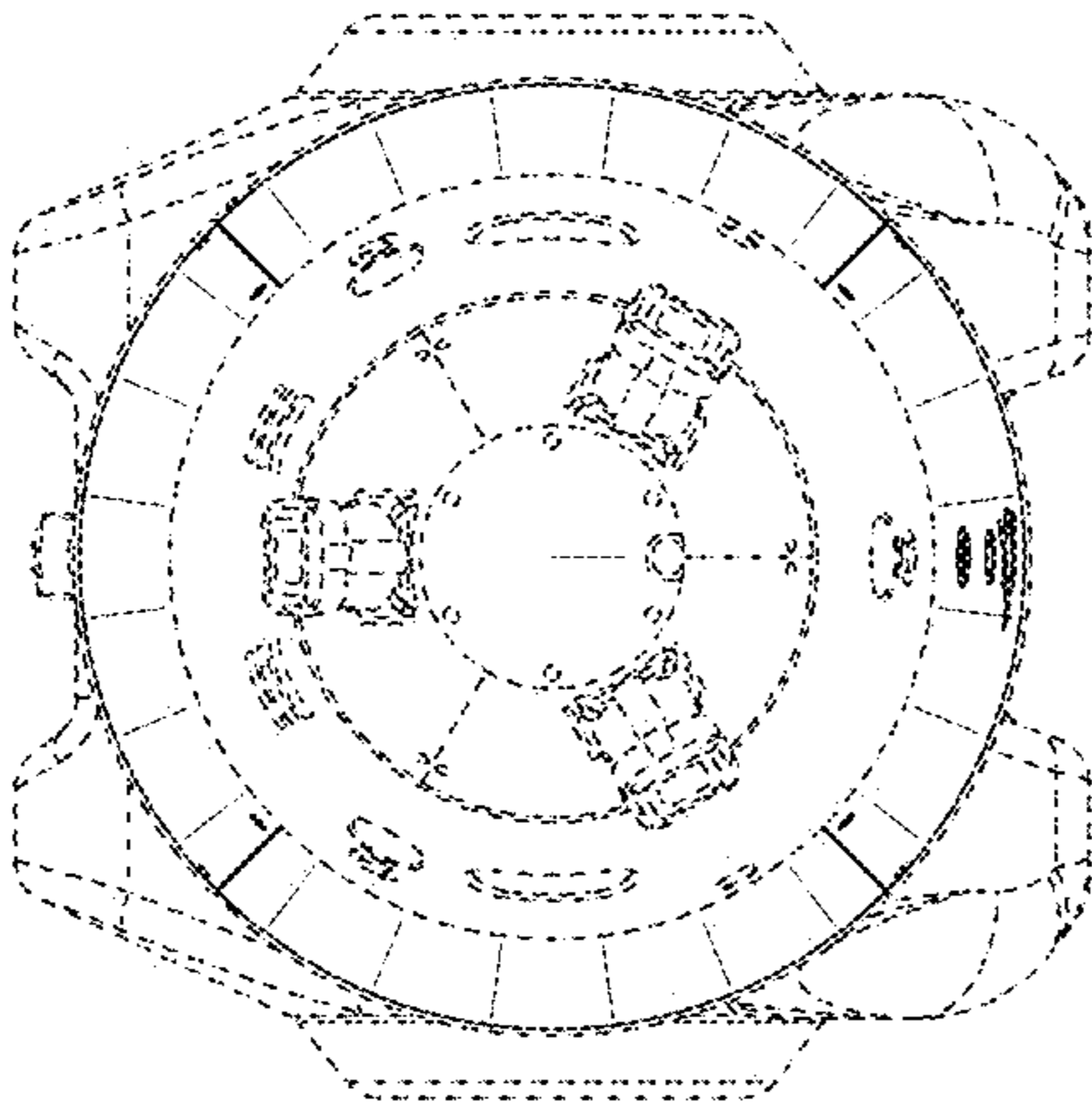


FIG.5

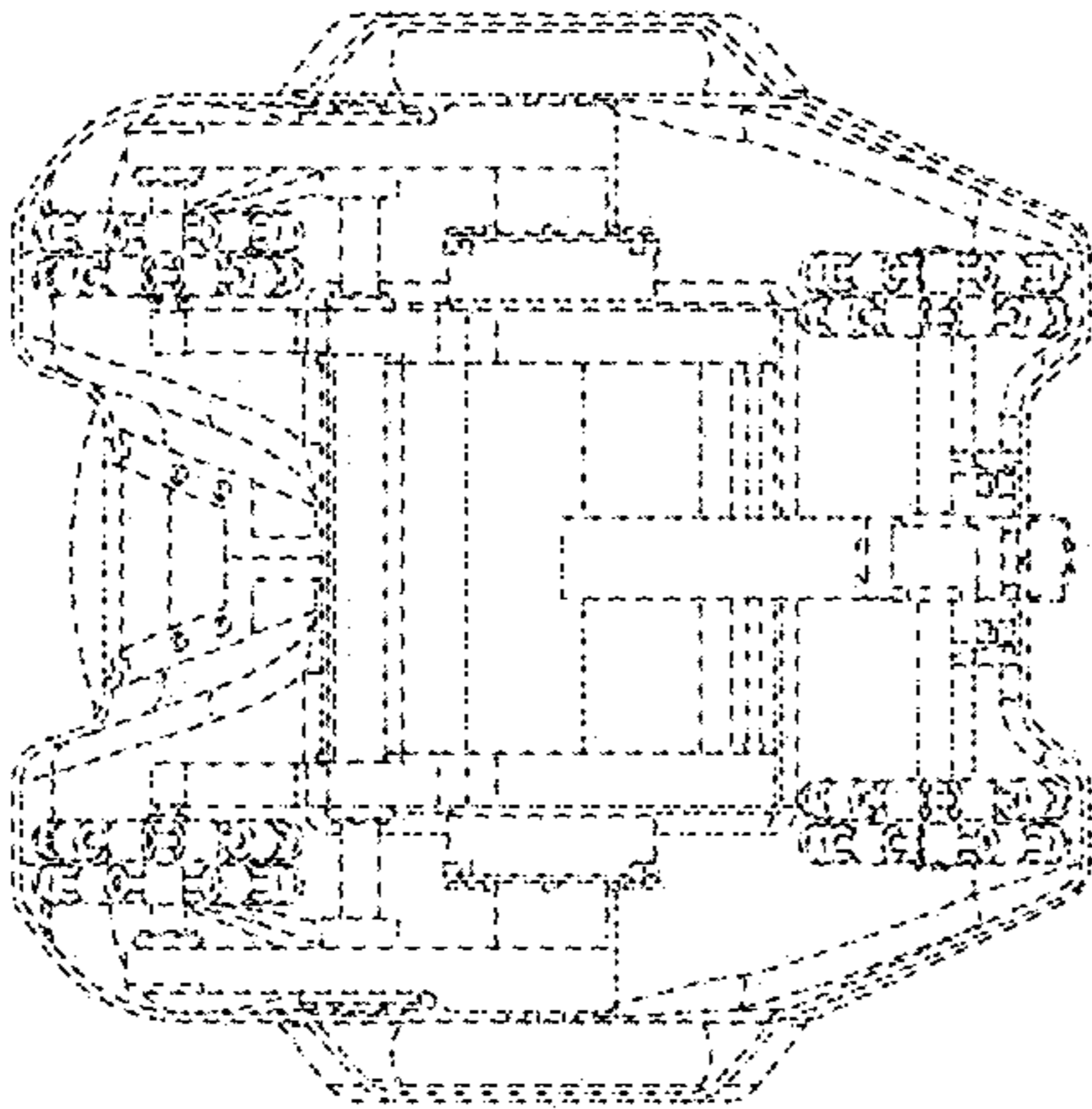


FIG.6



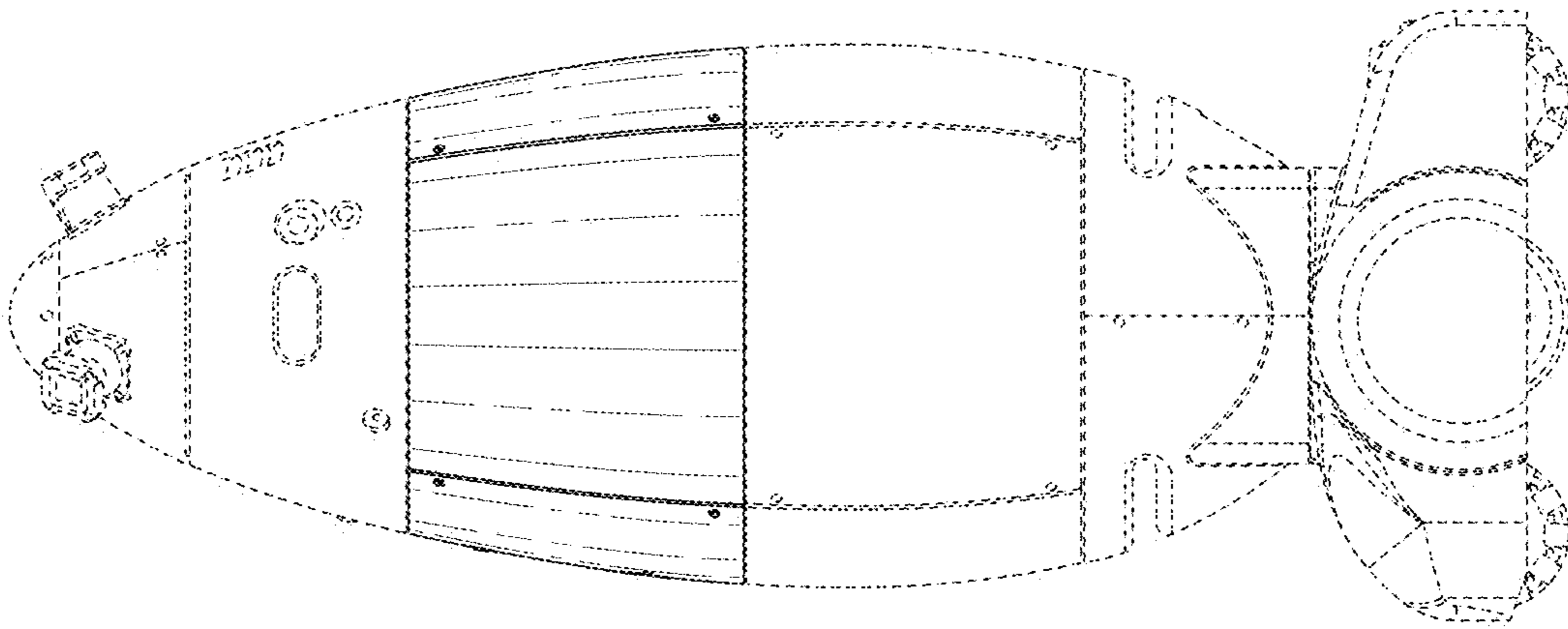


FIG.7

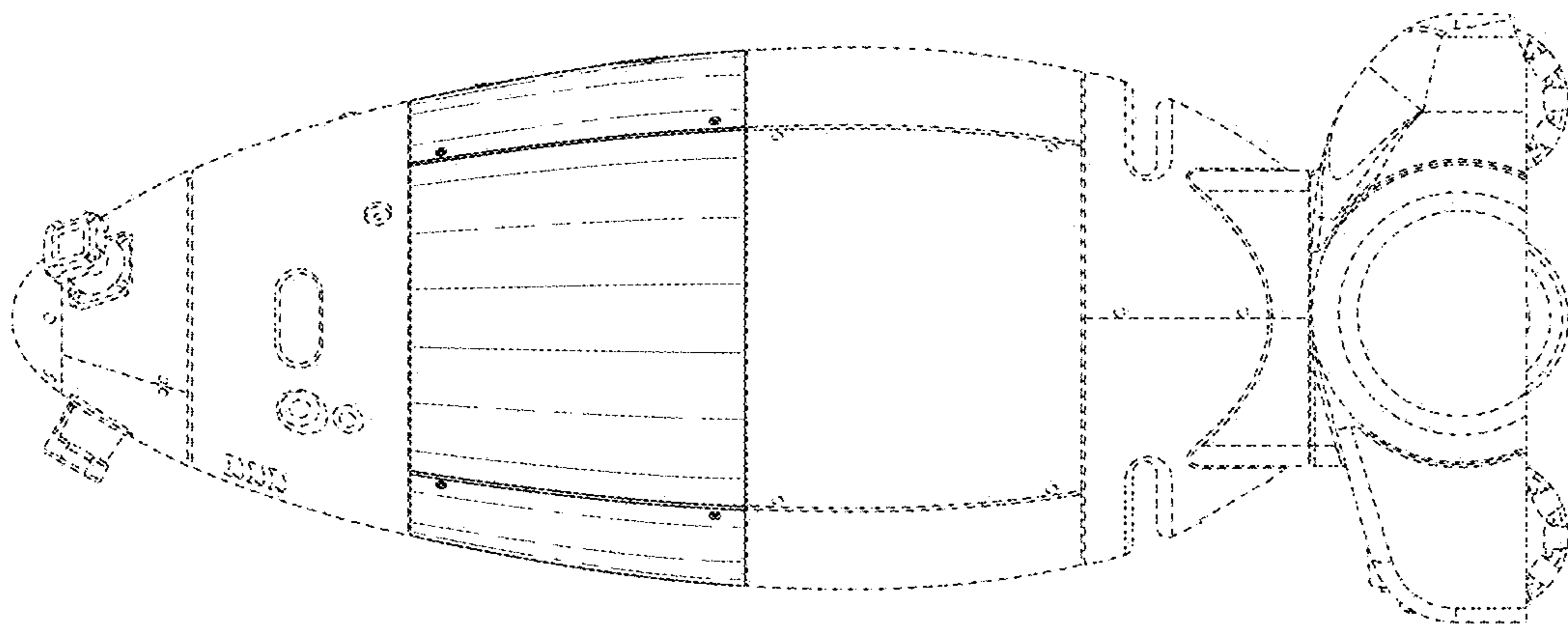


FIG.8

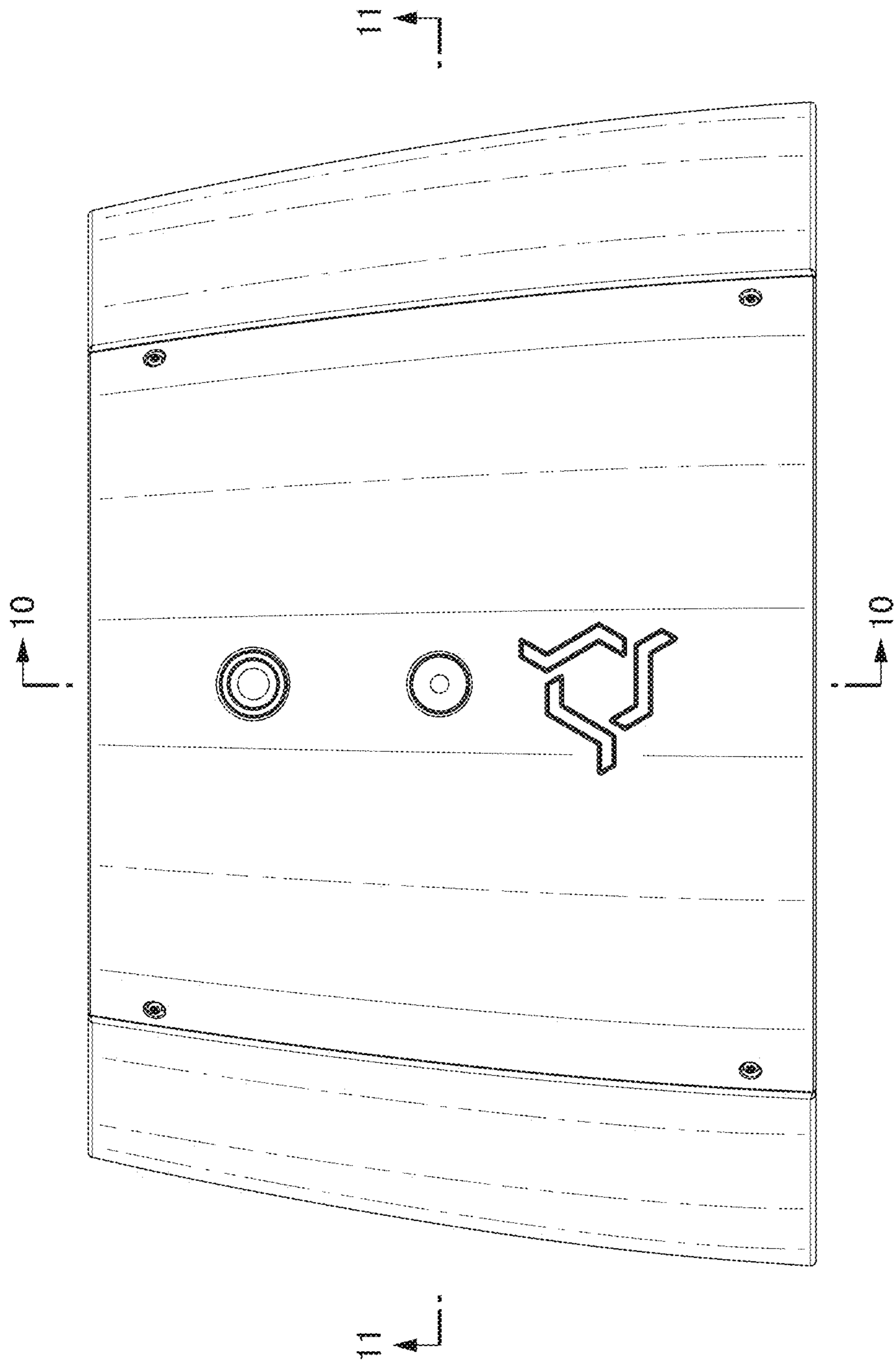


FIG.9

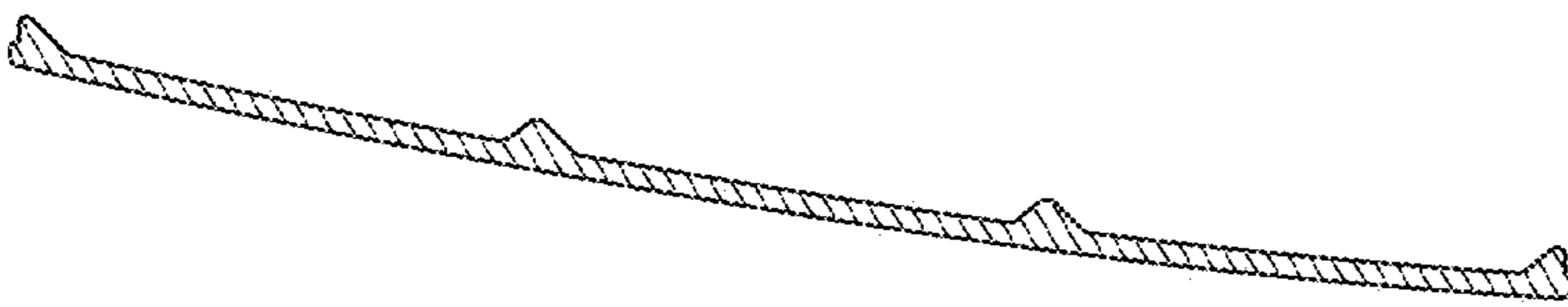
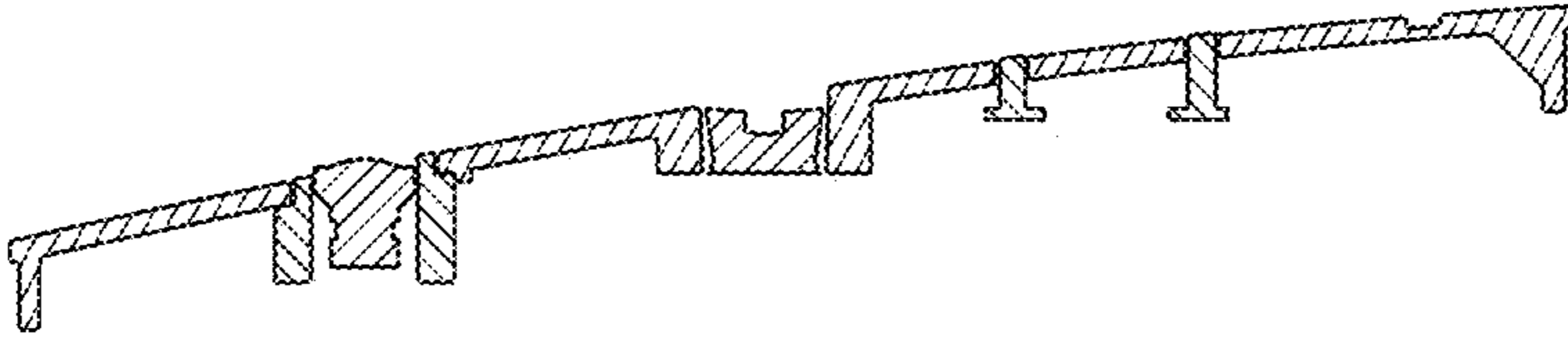


FIG.10

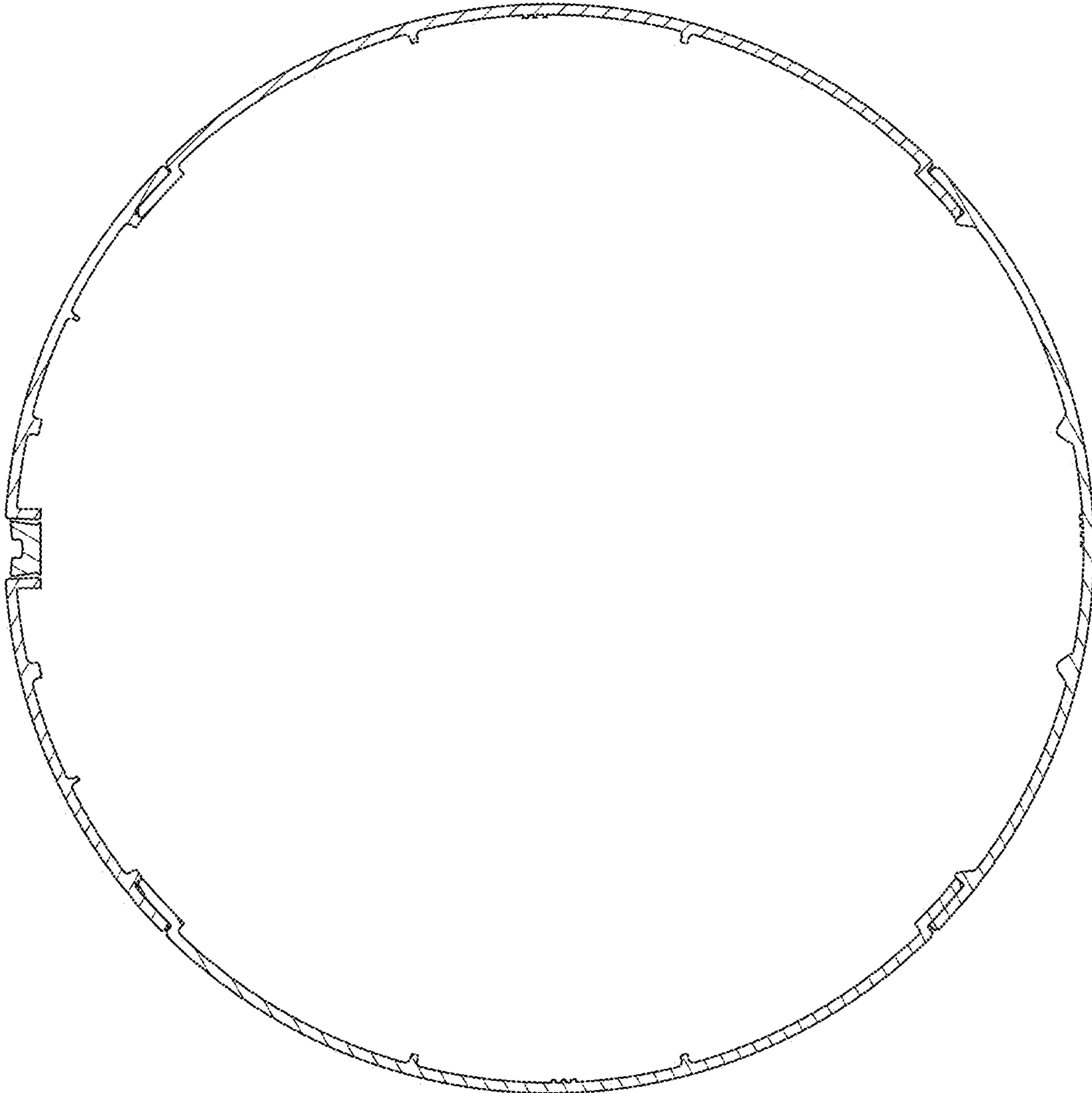


FIG.11