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

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(54) **SACK OPENER**

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

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(51) **LOC (10) Cl.** ..... **08-05**

(52) **U.S. Cl.**  
USPC ..... **D8/51**

(58) **Field of Classification Search**  
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294/209; 81/409, 421, 427.5, 324, 381;  
606/44, 50, 51; 30/244, 245, 257  
CPC ..... A61B 2018/1412  
See application file for complete search history.

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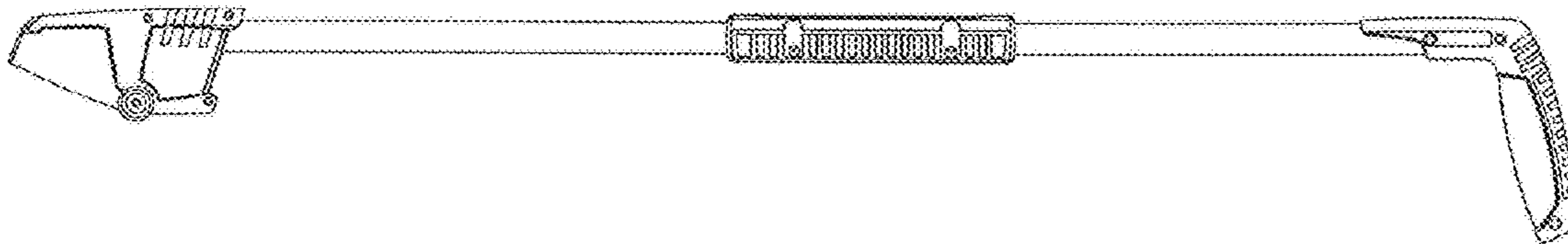
(57) **CLAIM**

The ornamental design for a sack opener, as shown and described.

**DESCRIPTION**

FIG. 1 is a side view of the sack opener of the invention, the opposite side being a mirror image thereof;  
FIG. 2 is a top plan view of the invention;  
FIG. 3 is a bottom plan view of the invention;  
FIG. 4 is an enlarged right-end view of the invention;  
FIG. 5 is an enlarged left-end view of the invention;  
FIG. 6 is a left-side view of the cutter head of the sack opener of this invention with the blade retracted and the handle removed, the opposite side being a mirror image thereof;  
FIG. 7 is a top plan view of the cutter head of FIG. 6;  
FIG. 8 is a bottom plan view of the cutter head of FIG. 6;  
FIG. 9 is an enlarged right-end view of the cutter head of FIG. 6;  
FIG. 10 is an enlarged left-end view of the cutter head of FIG. 6;  
FIG. 11 is a left-side view of the cutter head of FIG. 6 but with the blade extended, the opposite side being a mirror image thereof;  
FIG. 12 is a top plan view of the cutter head but with the blade extended;  
FIG. 13 is a right-end view like FIG. 9 but with the blade extended; and,  
FIG. 14 is a left-end view like FIG. 10 but with the blade extended.  
The broken lines in the drawings illustrate portions of the sack opener which form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



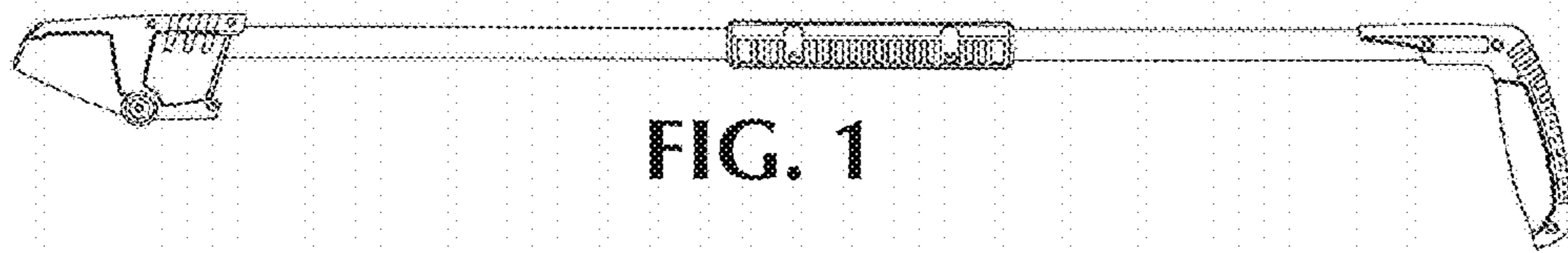


FIG. 1

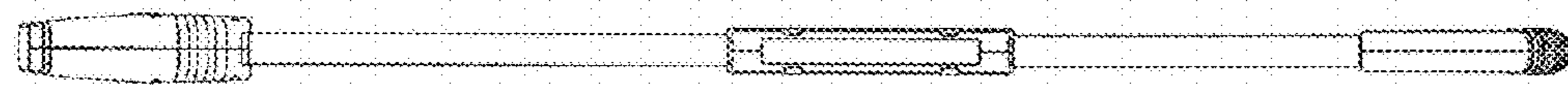


FIG. 2

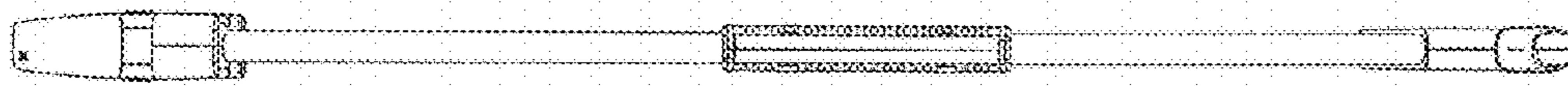
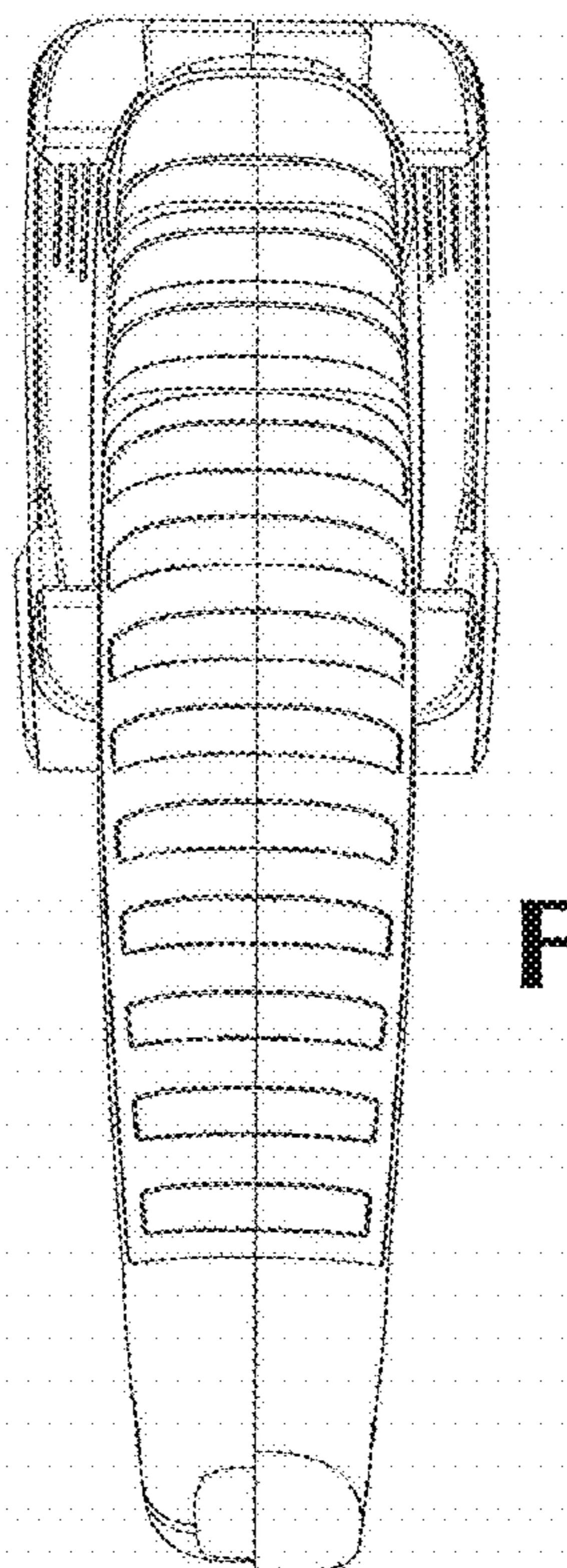
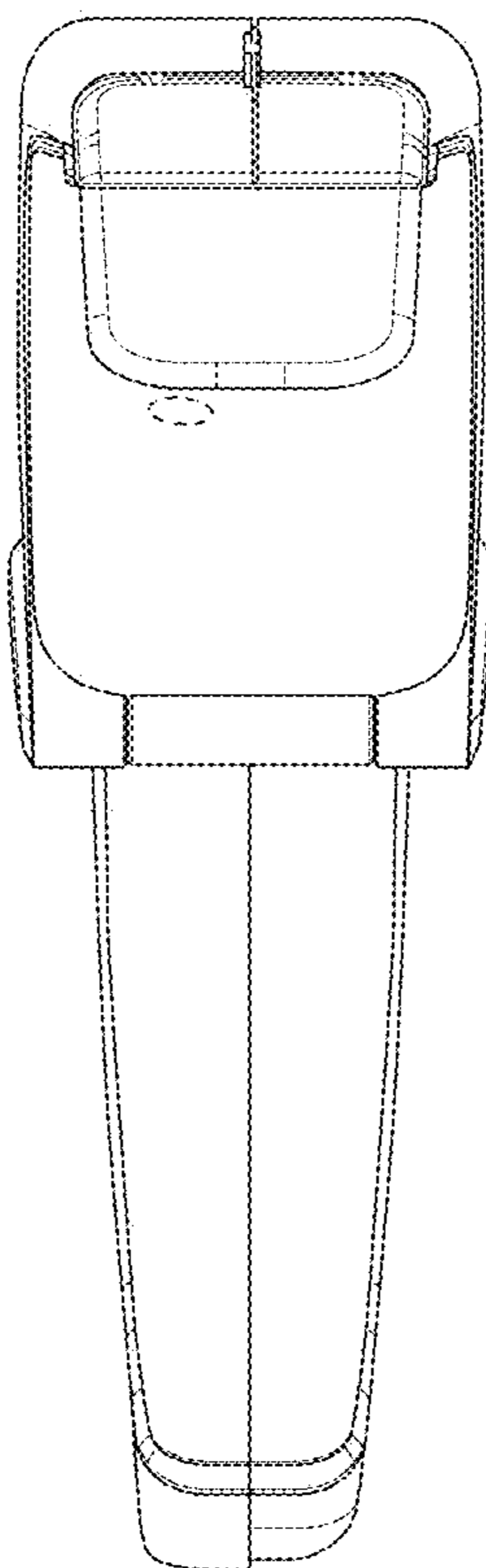


FIG. 3



**FIG. 4**



**FIG. 5**

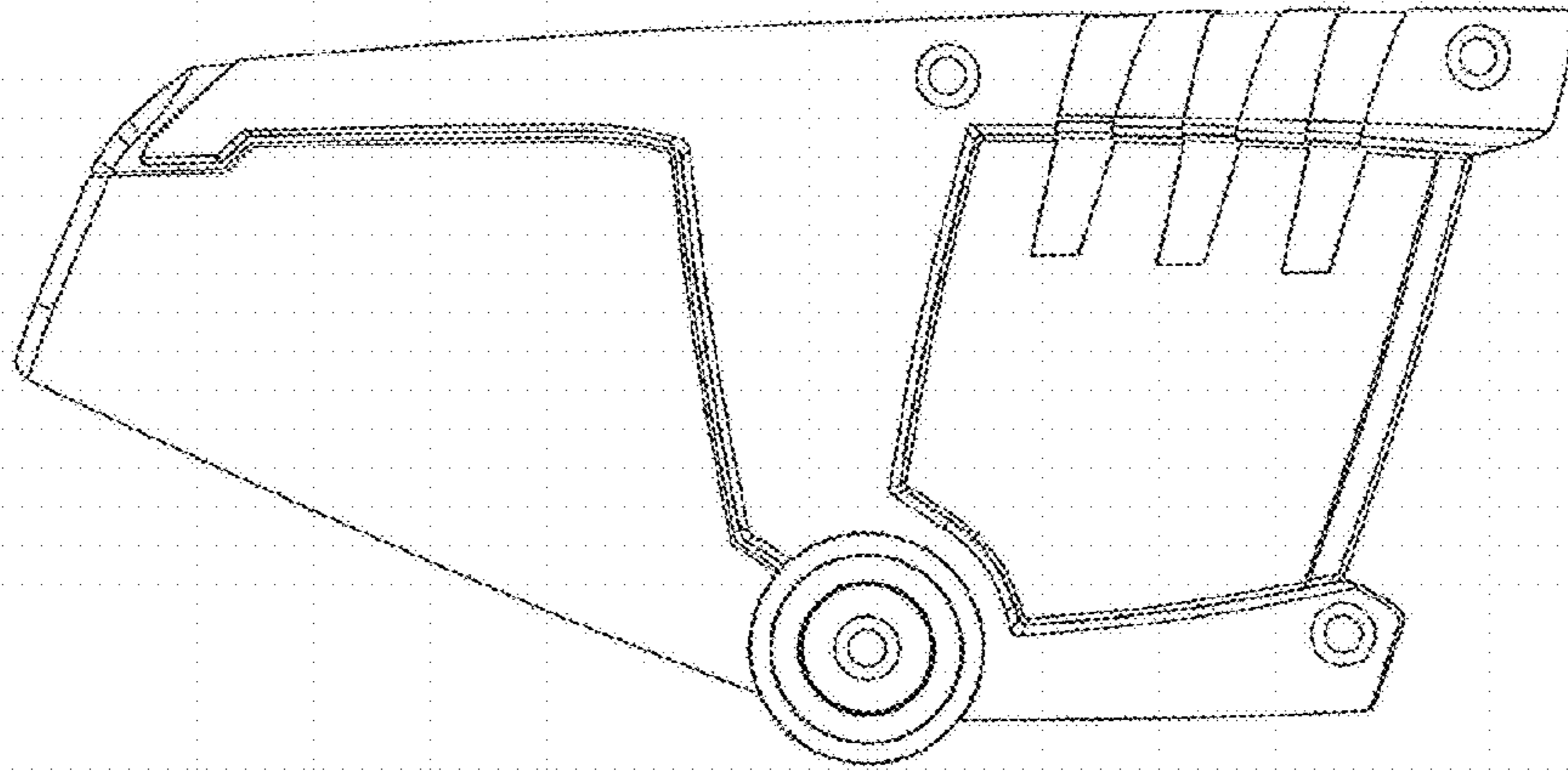


FIG. 6

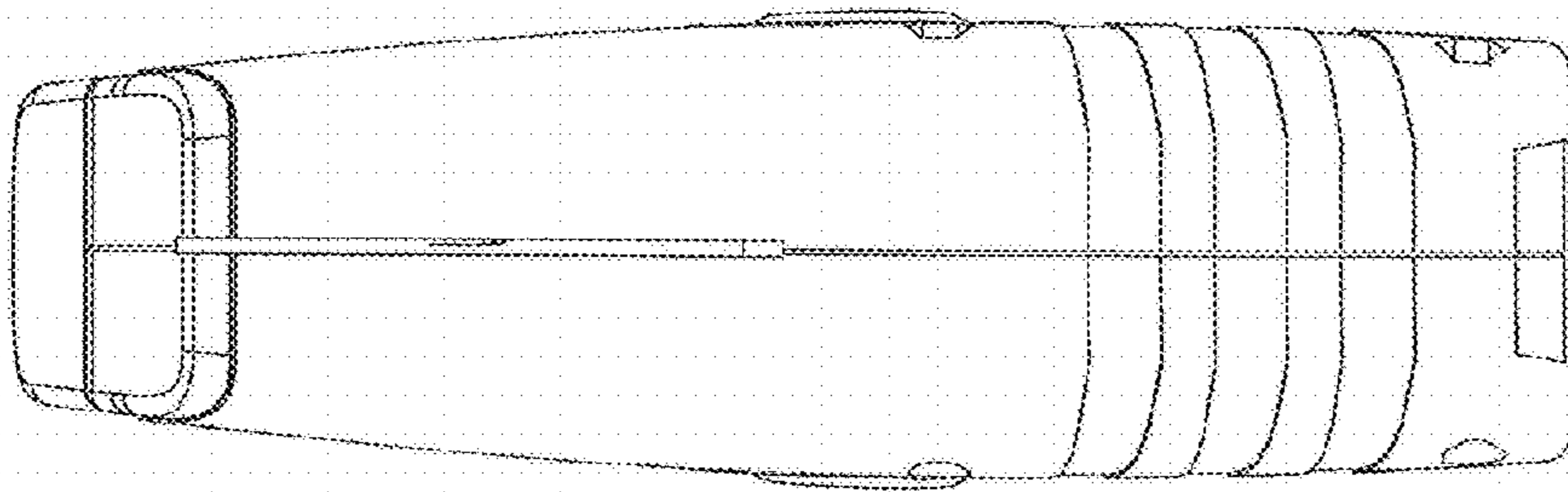


FIG. 7

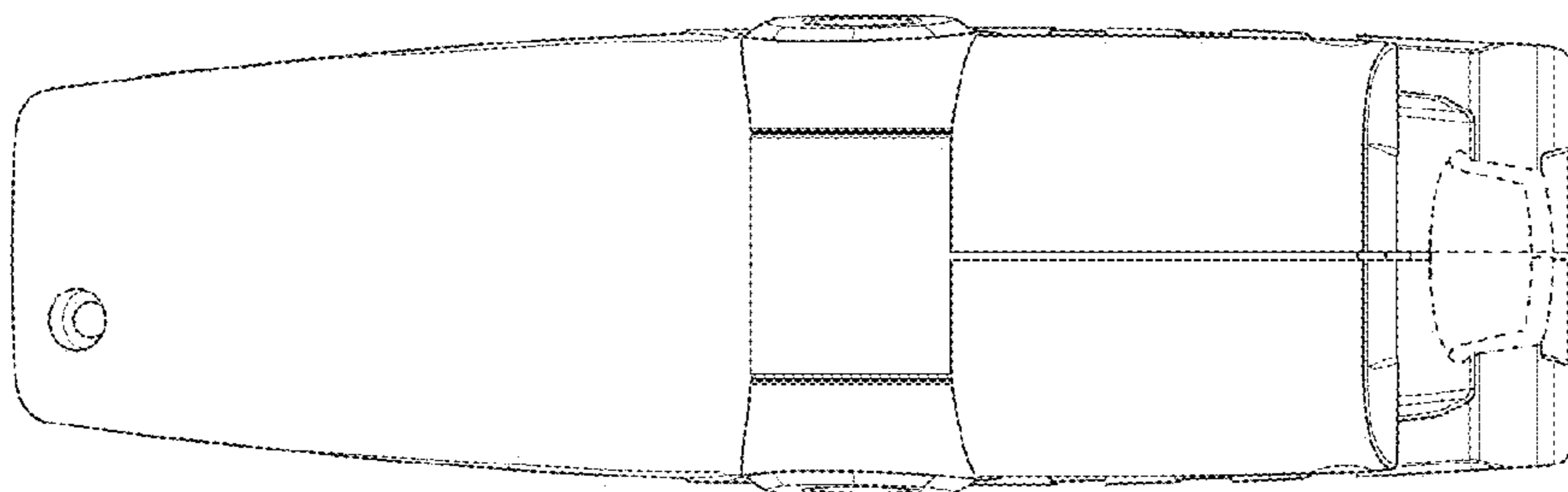
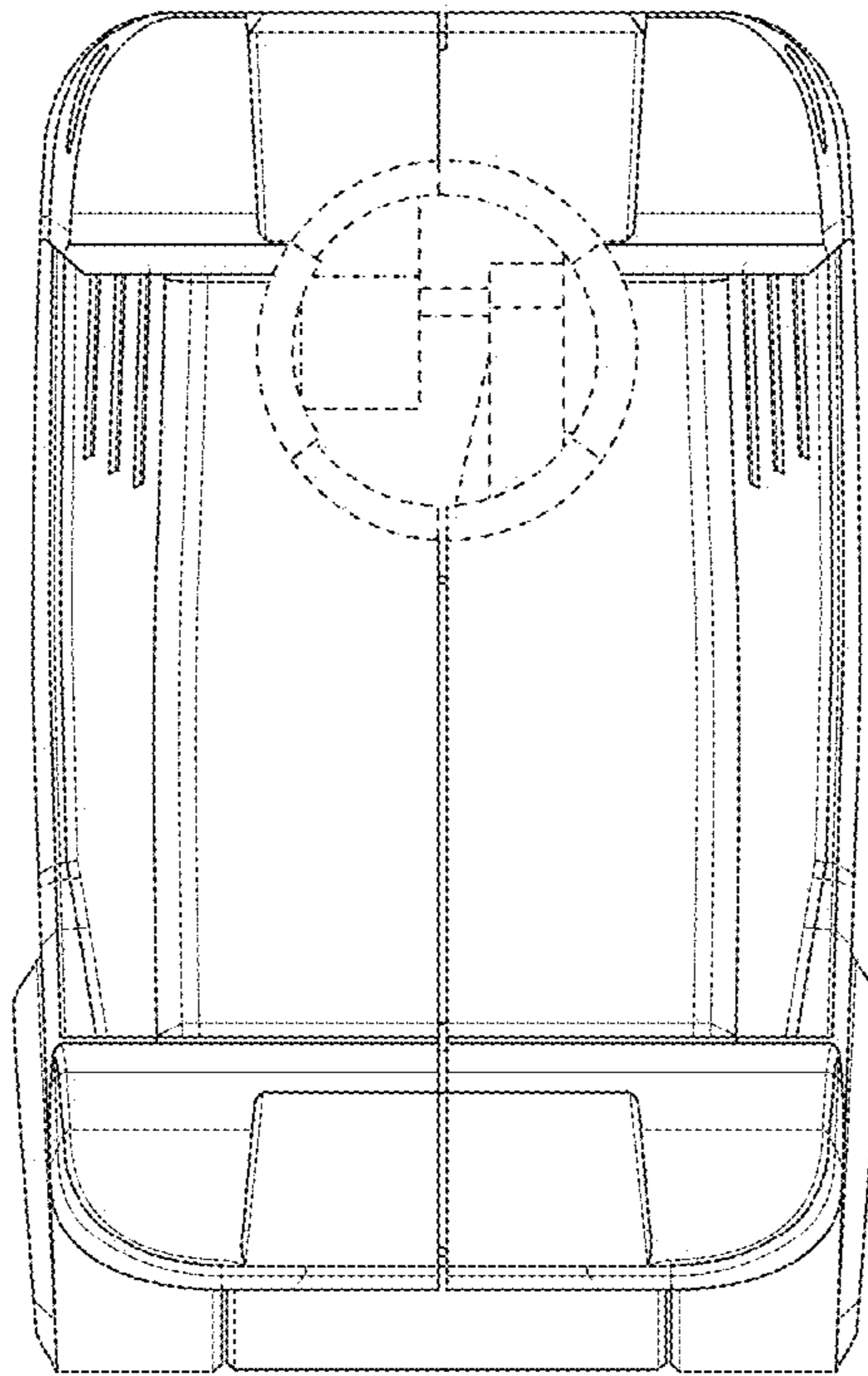
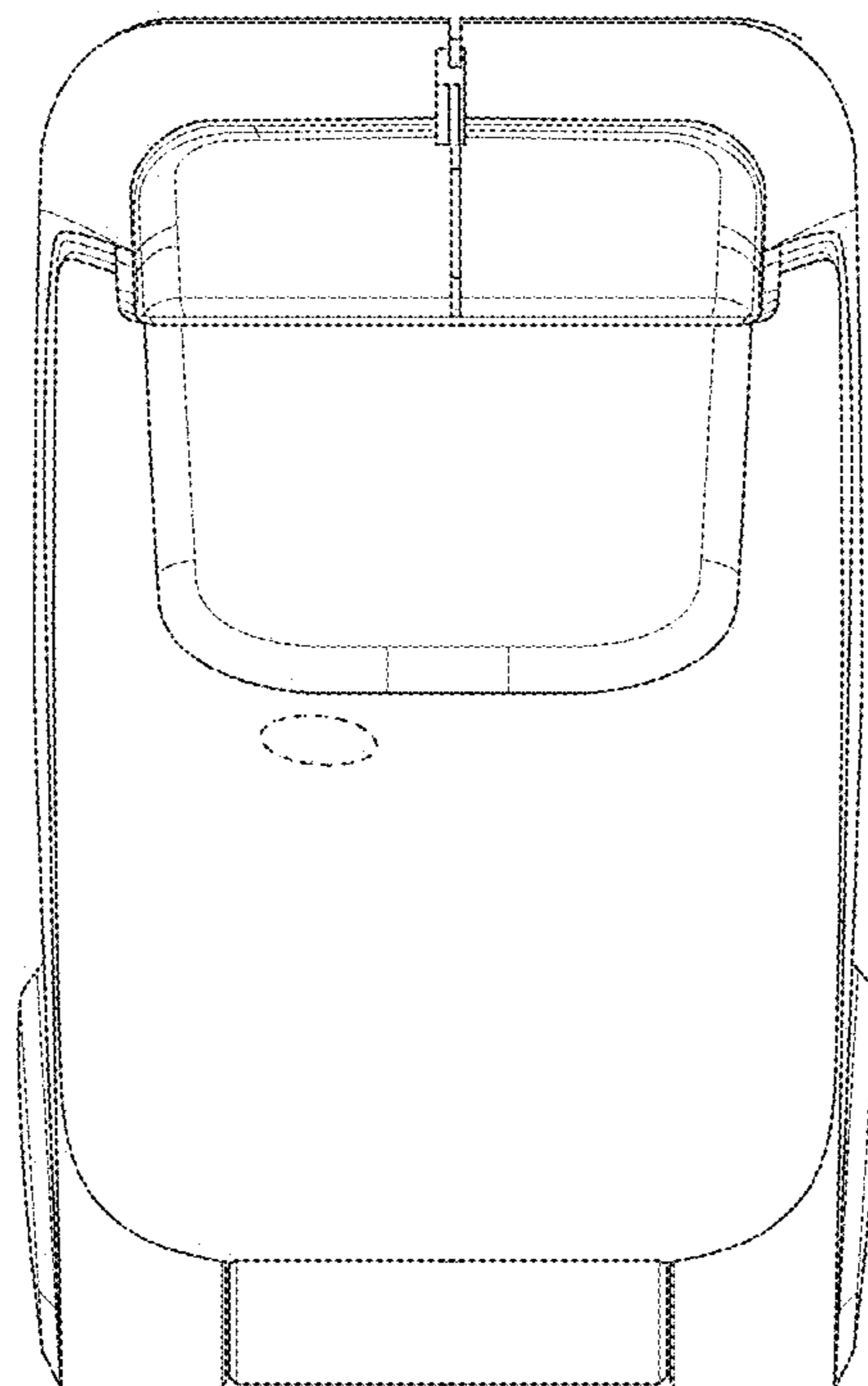


FIG. 8



**FIG. 9**



**FIG. 10**

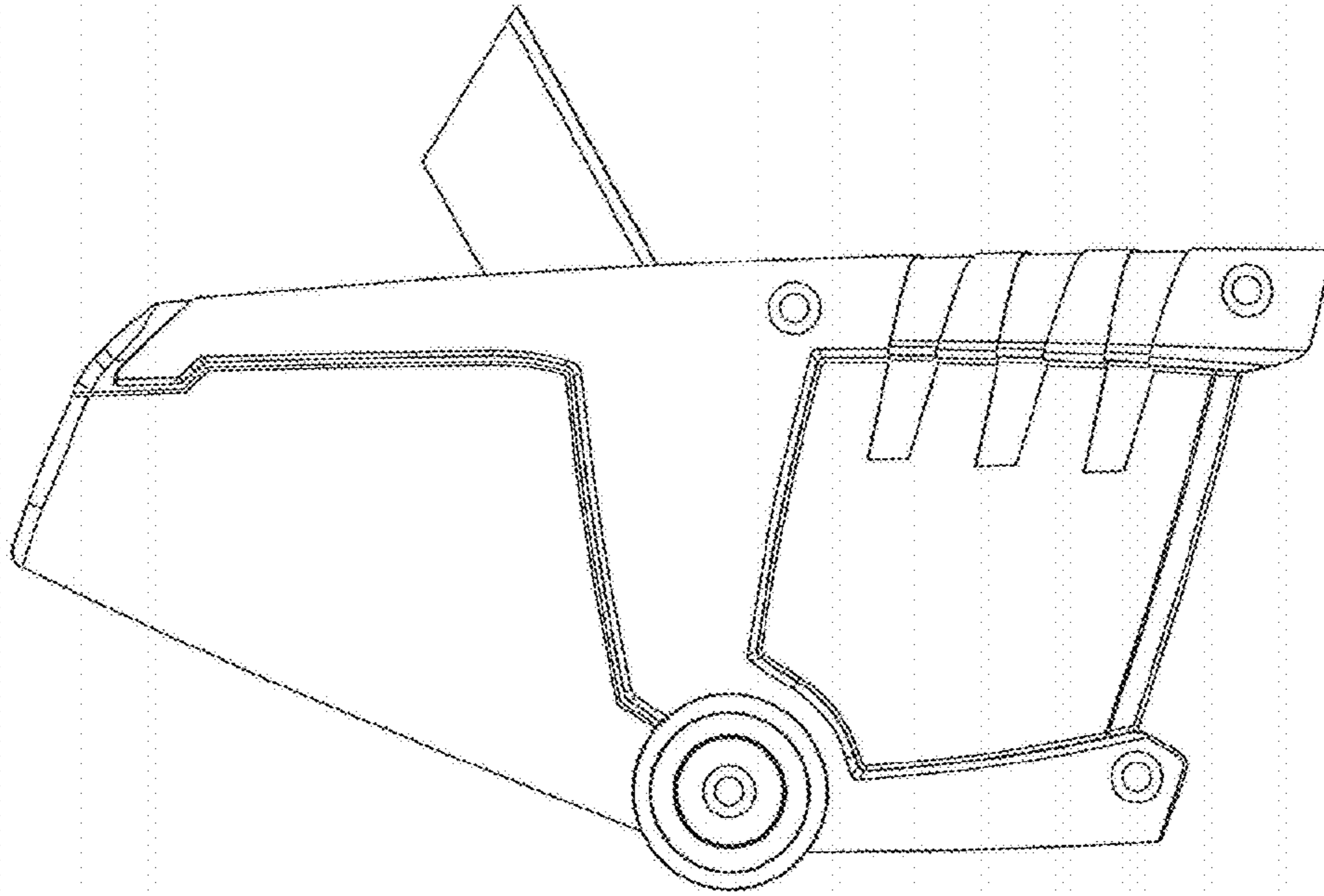


FIG. 11

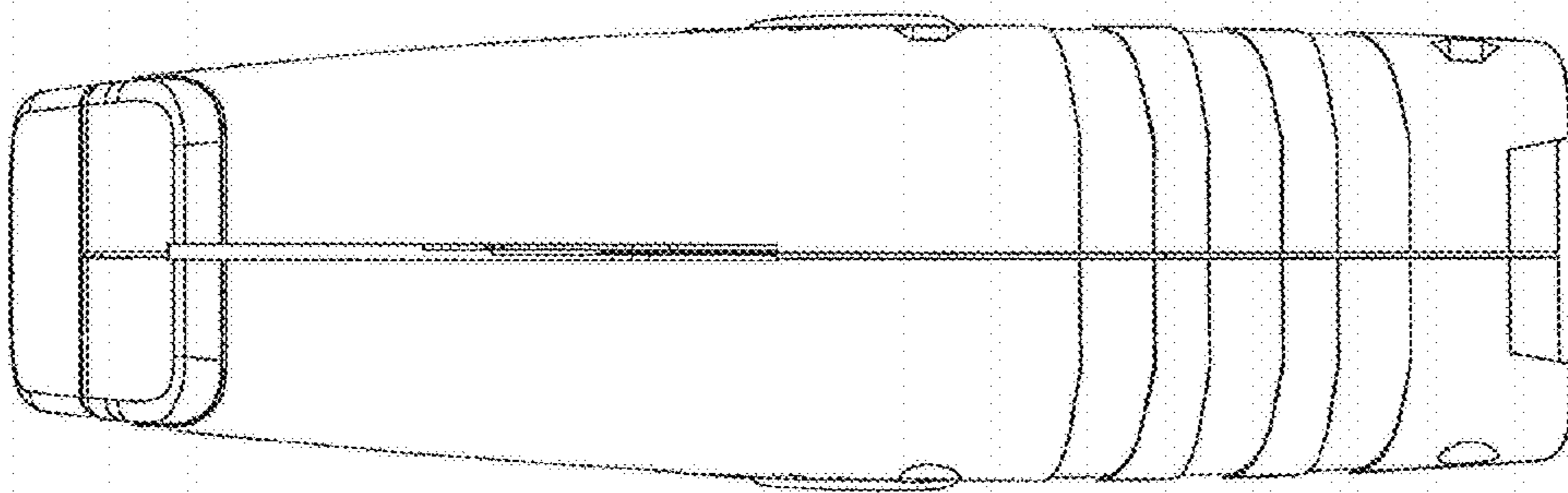


FIG. 12

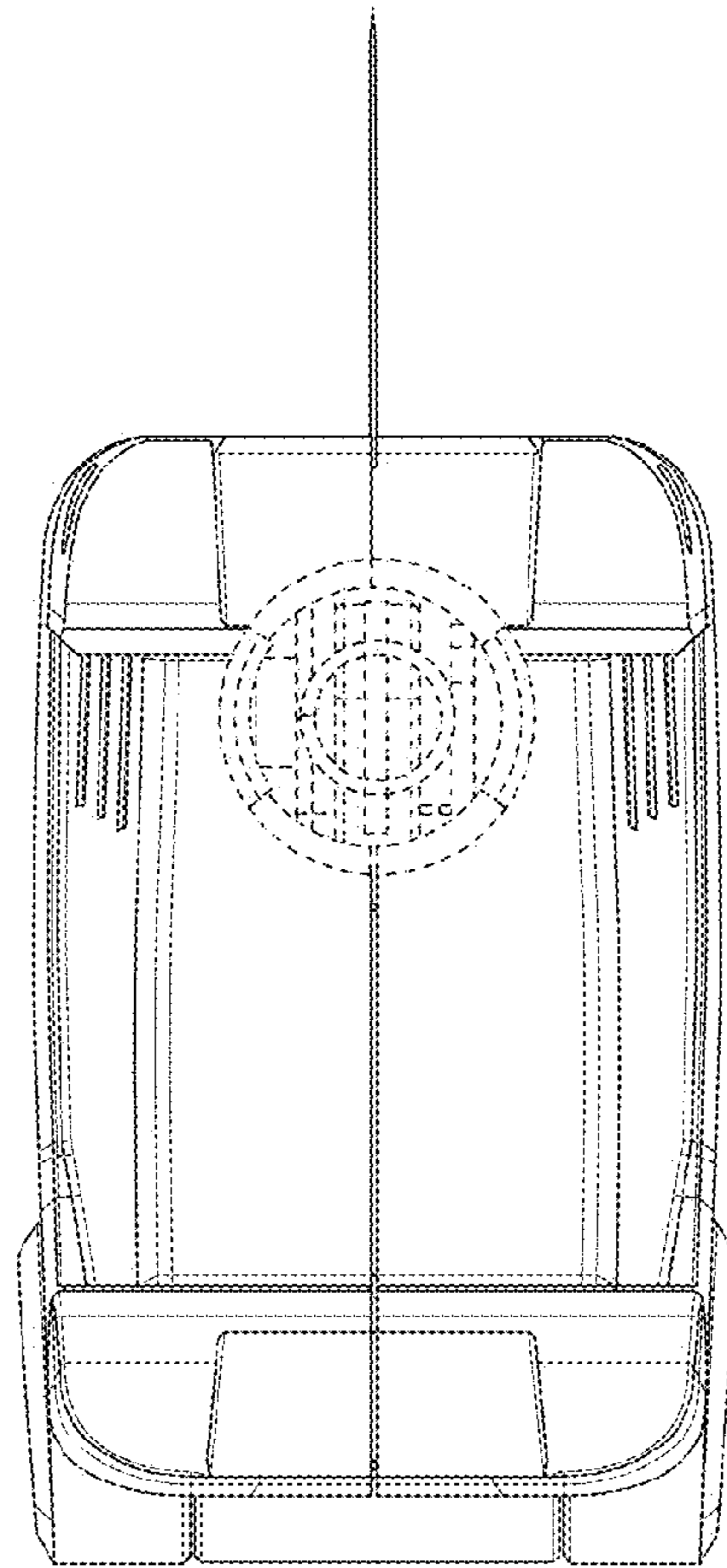


FIG. 13

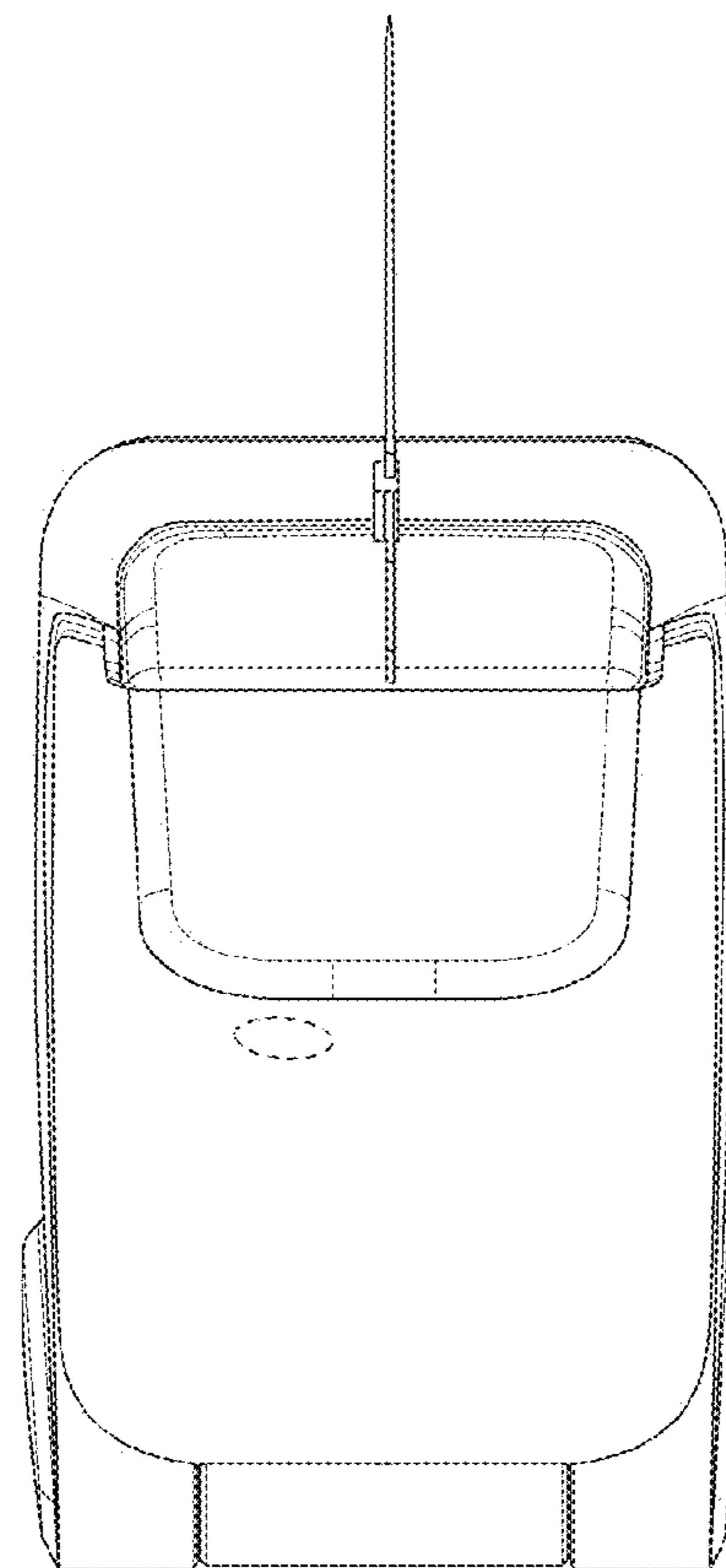


FIG. 14