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

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(54) **CUTTING TOOL**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/139**

(58) **Field of Classification Search**
USPC D15/131, 132, 138, 139; D8/20, 70, 86
CPC ... B23B 51/0081; B23B 51/009; B23B 51/02;
B23B 35/00; B27G 15/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D579,470 S * 10/2008 Maeta D15/139
D595,322 S * 6/2009 Sakata D15/139
D595,323 S * 6/2009 Sakata D15/139
D595,751 S * 7/2009 Sakata D15/139
D633,535 S * 3/2011 Tanaka D15/139

D744,557 S * 12/2015 Koike D15/139
D848,495 S * 5/2019 Maeno D15/139
D848,496 S * 5/2019 Maeta D15/139
D850,503 S * 6/2019 Kukino D15/139
D854,063 S * 7/2019 Abe D15/139
D857,070 S * 8/2019 Maeno D15/139
D861,754 S * 10/2019 Fukuyama D15/139
D879,848 S * 3/2020 Kinoshita D15/139
D890,827 S * 7/2020 Maeno D15/139
D891,490 S * 7/2020 Maeno D15/139
D902,268 S * 11/2020 Sueyoshi D15/139
10,875,106 B2 * 12/2020 Tsujimoto B23C 5/06
D909,437 S * 2/2021 Sorai D15/139

(Continued)

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(57) **CLAIM**

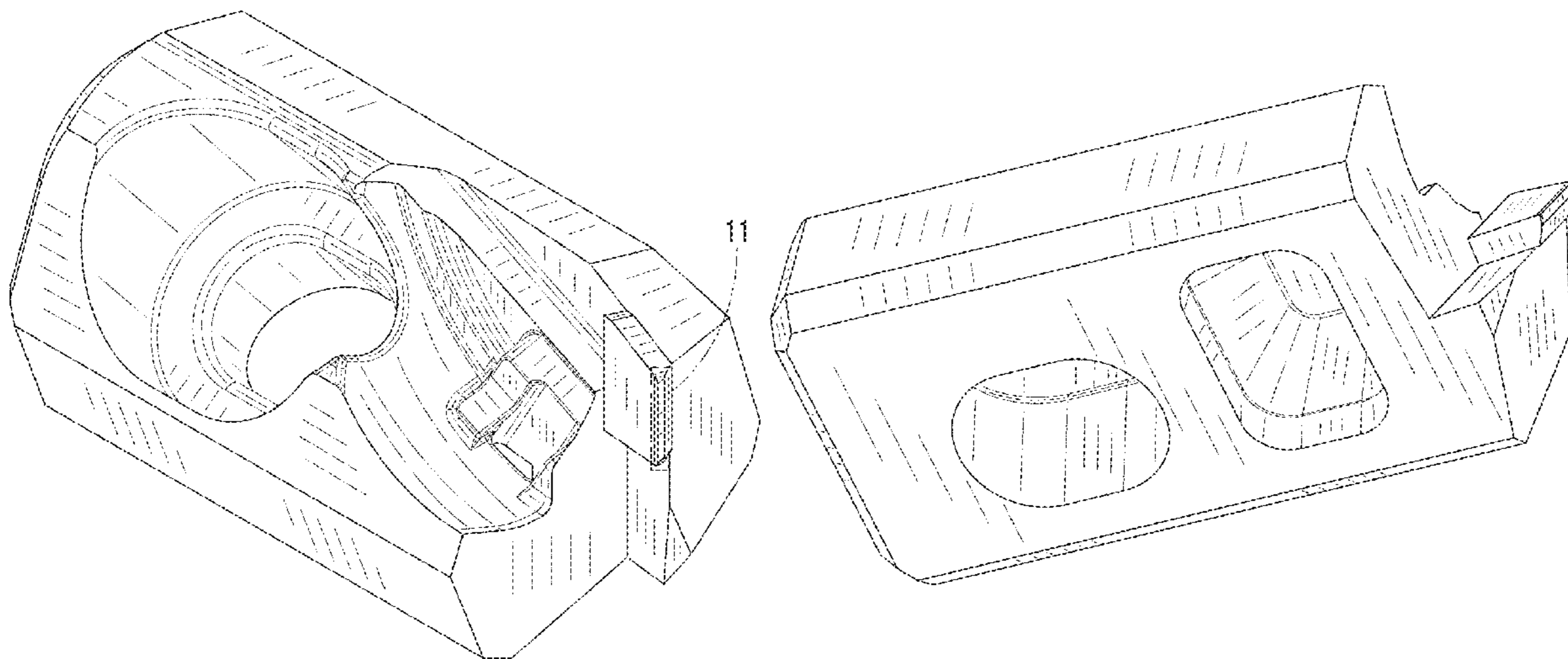
The ornamental design for a cutting tool, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a cutting tool in accordance with an embodiment of the present design;
FIG. 2 is a rear view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is a first perspective view thereof;
FIG. 8 is a second perspective view thereof;
FIG. 9 is an enlarged view of portion 9 of FIG. 3;
FIG. 10 is an enlarged view of portion 10 of FIG. 5;
FIG. 11 is an enlarged view of portion 11 of FIG. 7; and,
FIG. 12 is a cross sectional view taken along line 12-12 of FIG. 6.

The broken lines shown in FIG. 12 represent portions of the cutting tool that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D910,093 S * 2/2021 Abe D15/139
D910,094 S * 2/2021 Zeiner D15/138
D910,095 S * 2/2021 Wen D15/139

* cited by examiner

FIG.1

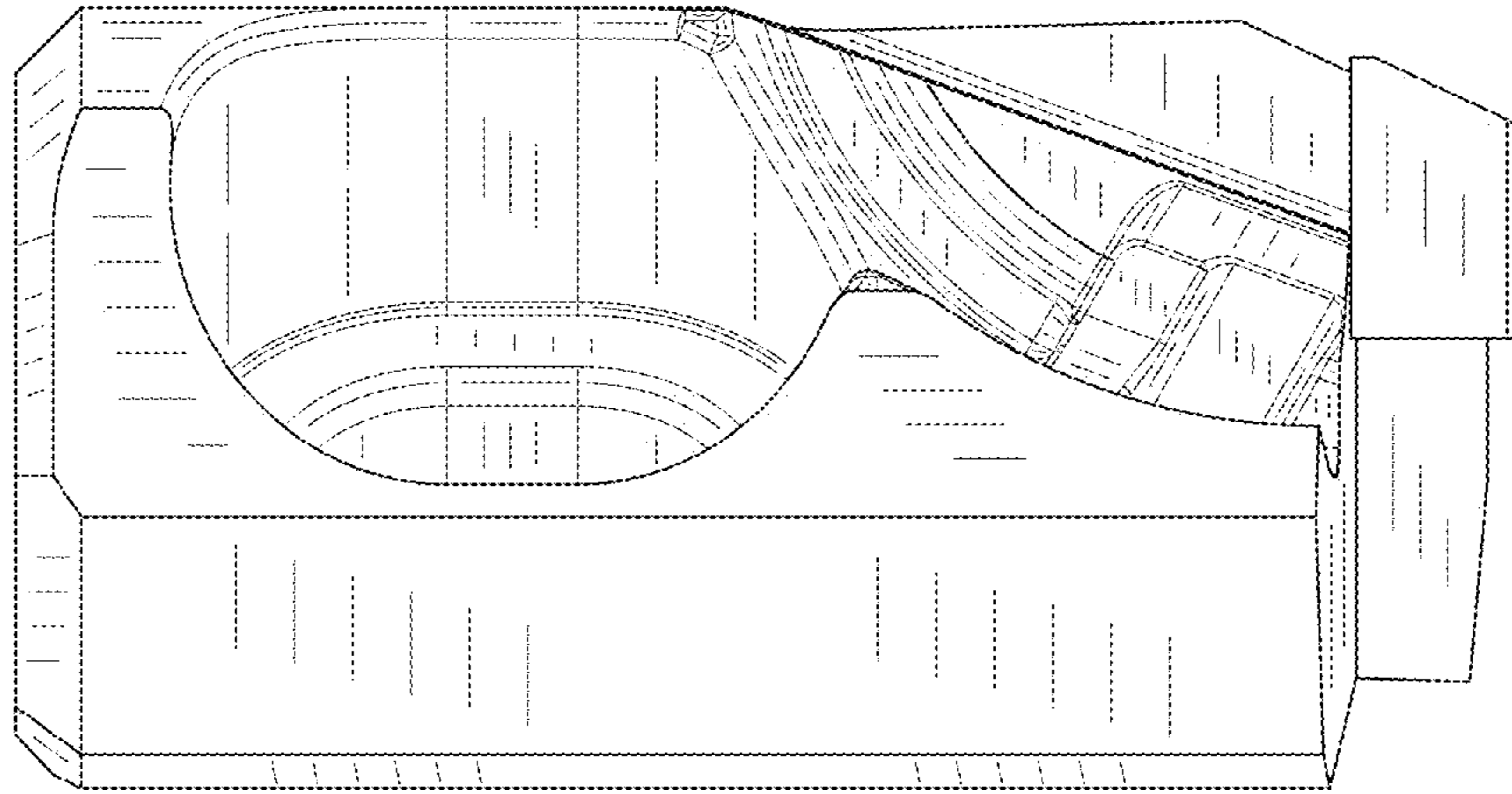


FIG.2

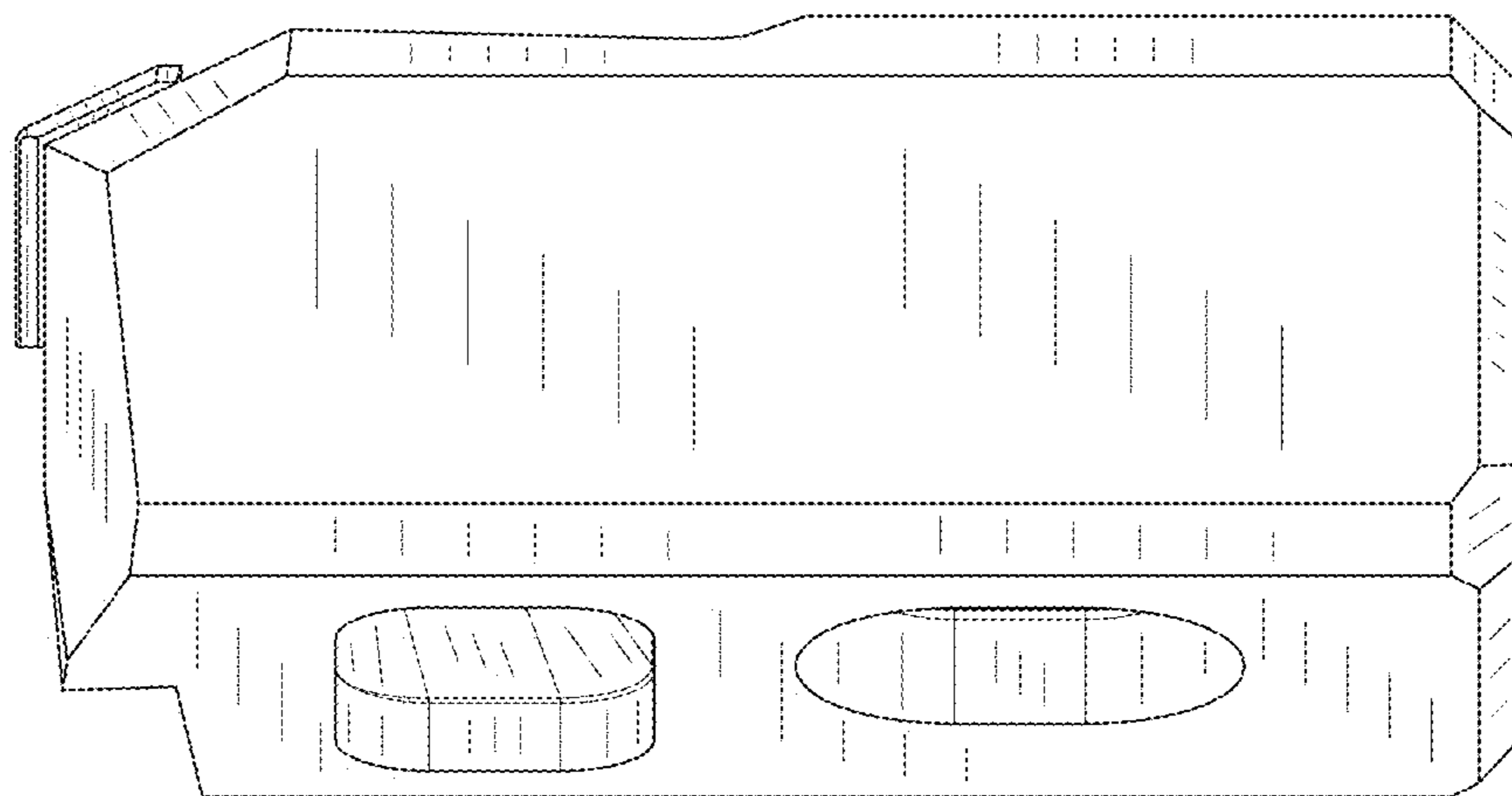


FIG.3

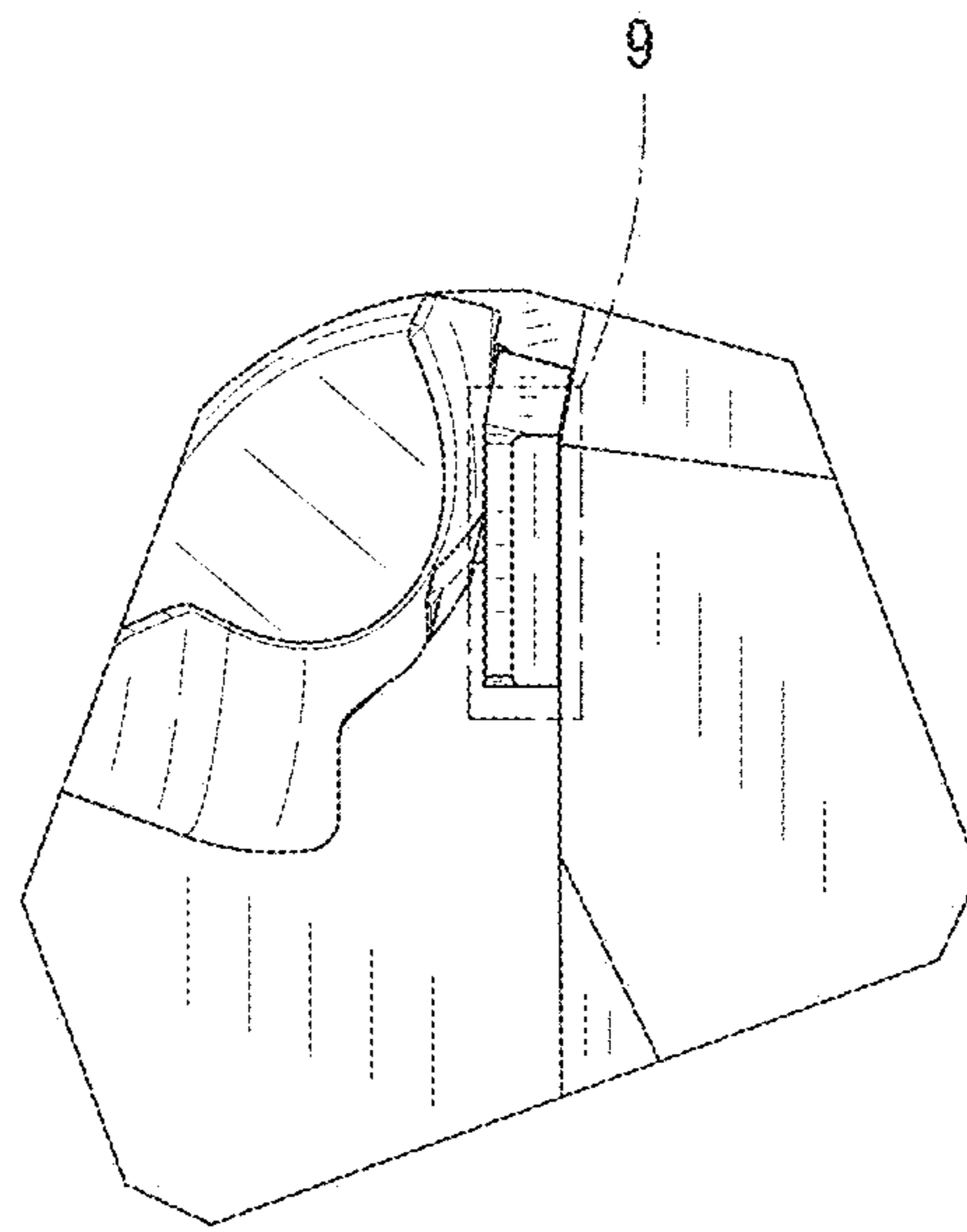


FIG.4

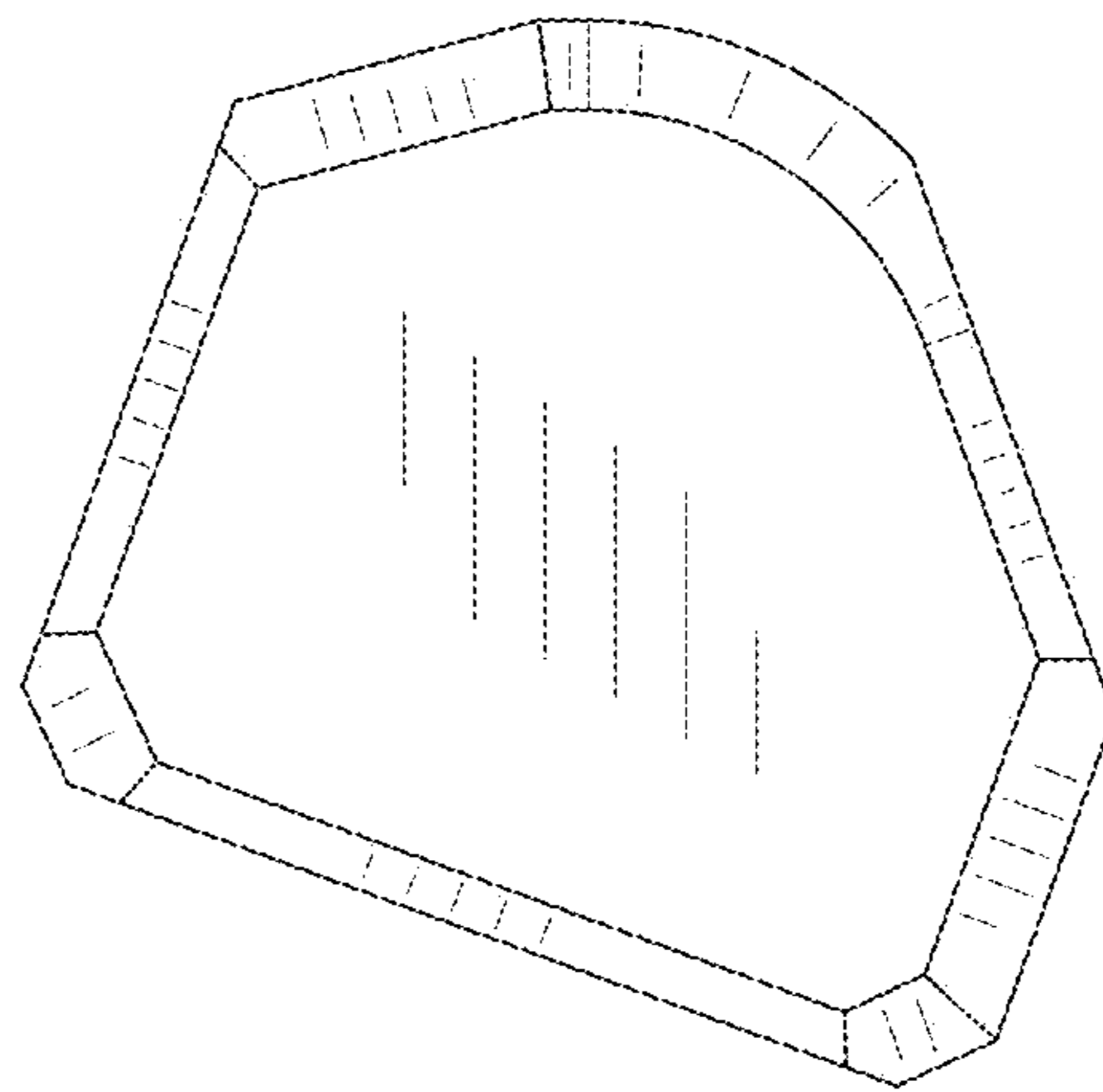


FIG.5

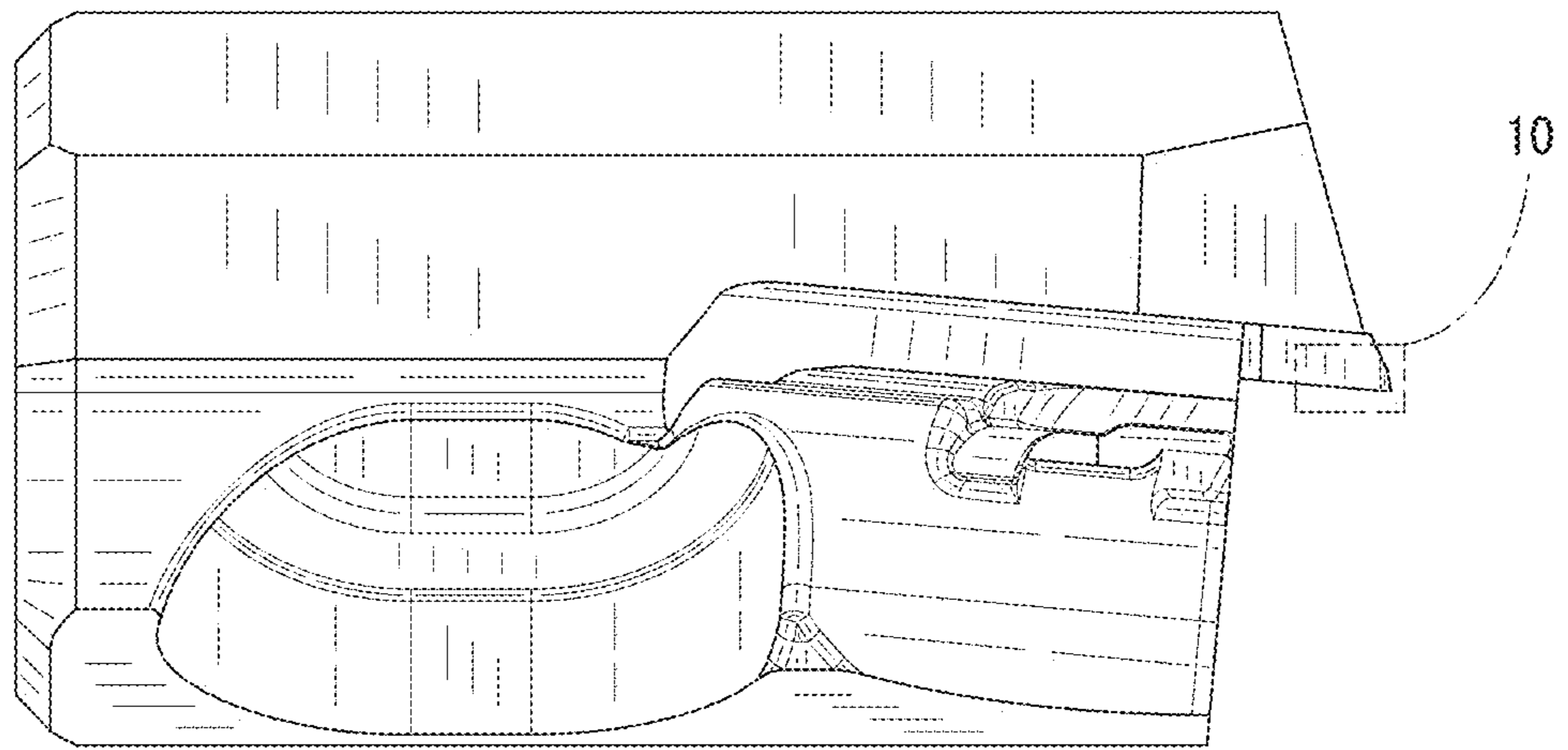


FIG.6

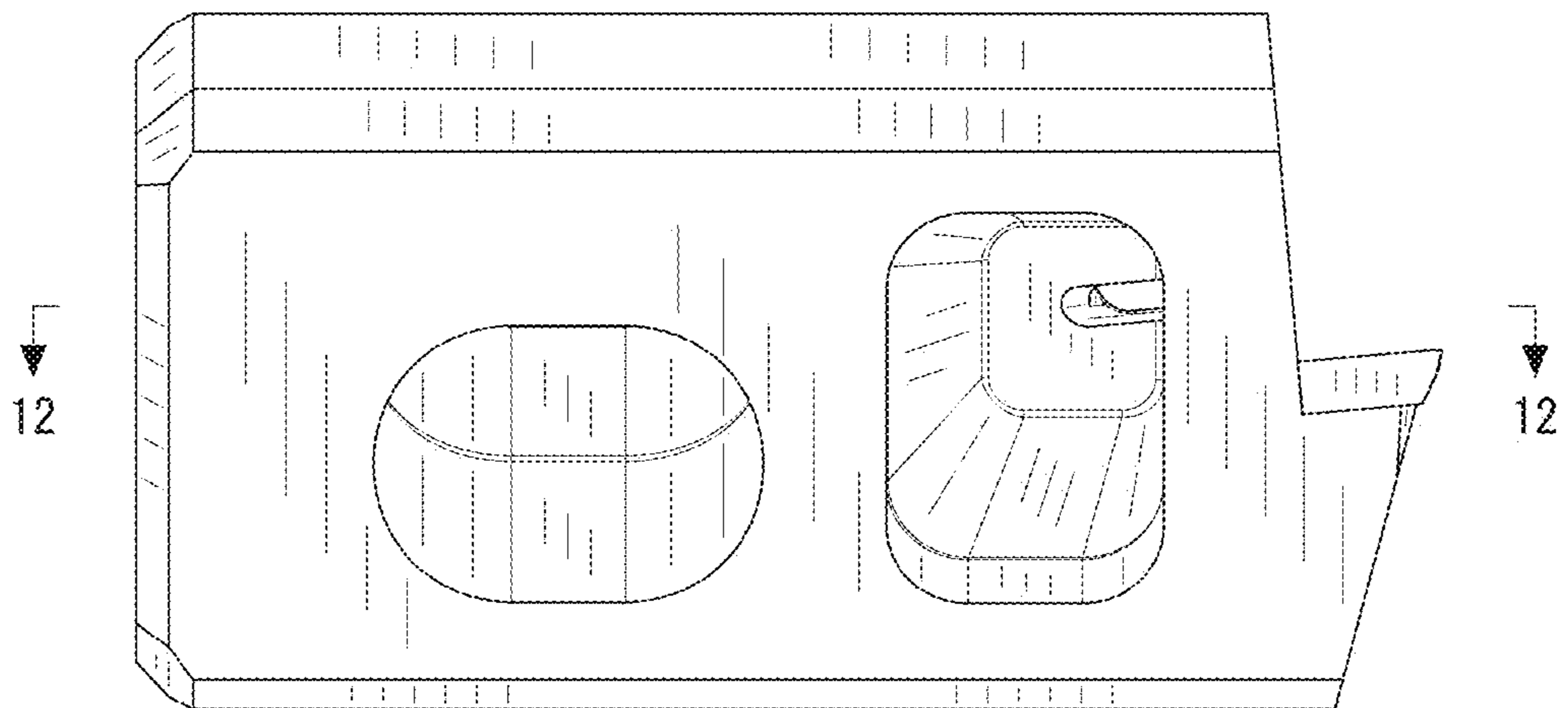


FIG.7

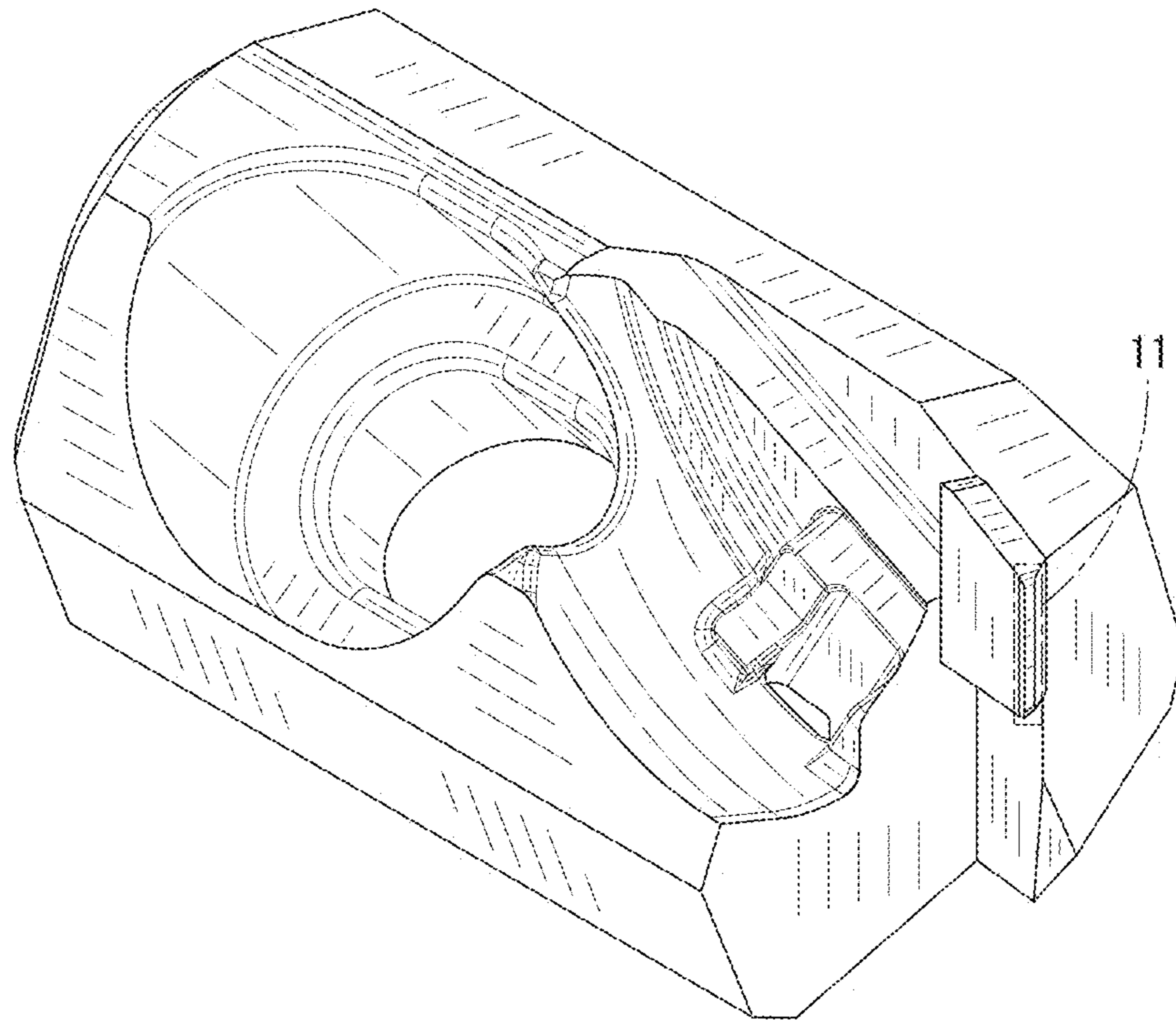


FIG.8

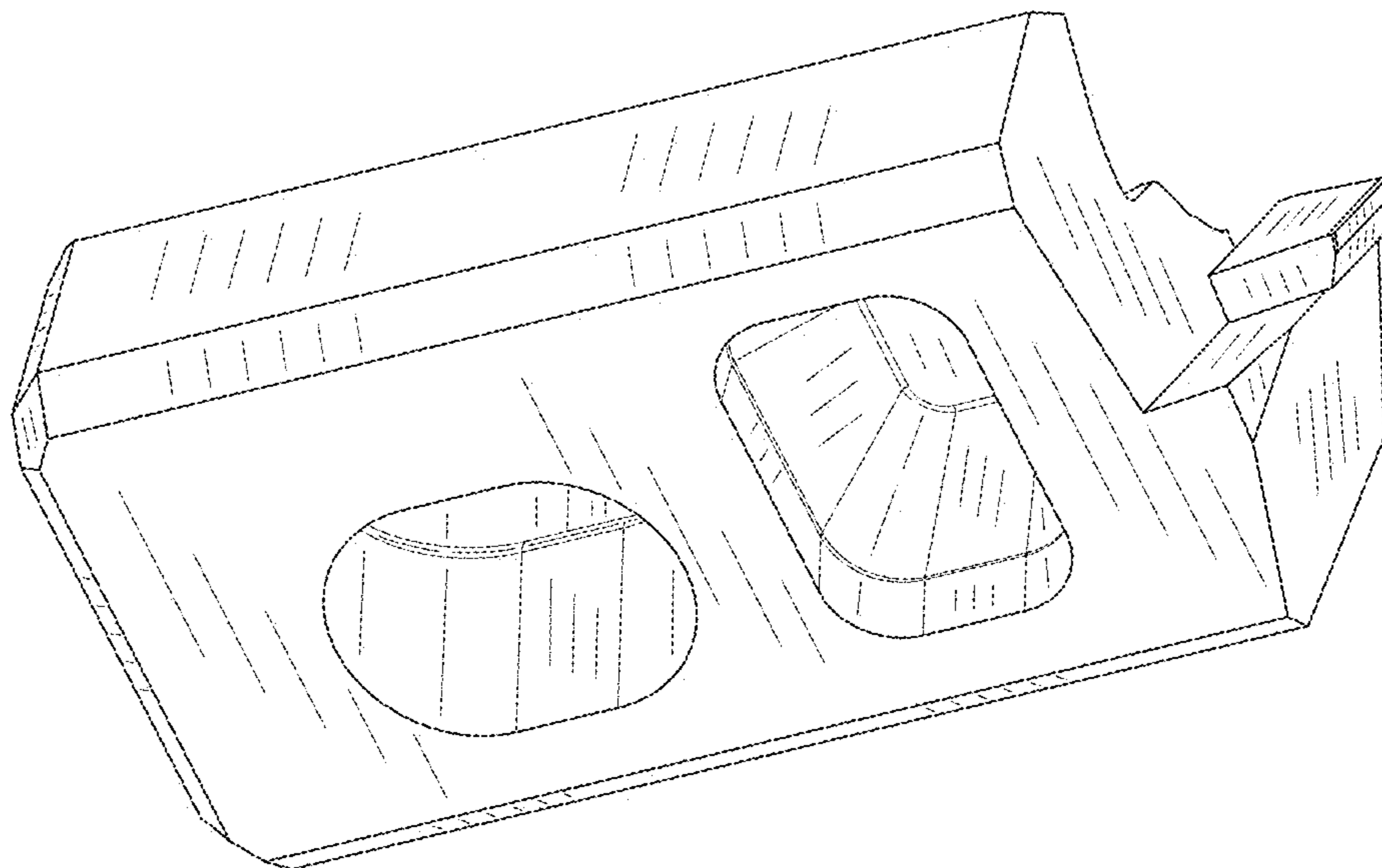


FIG.9

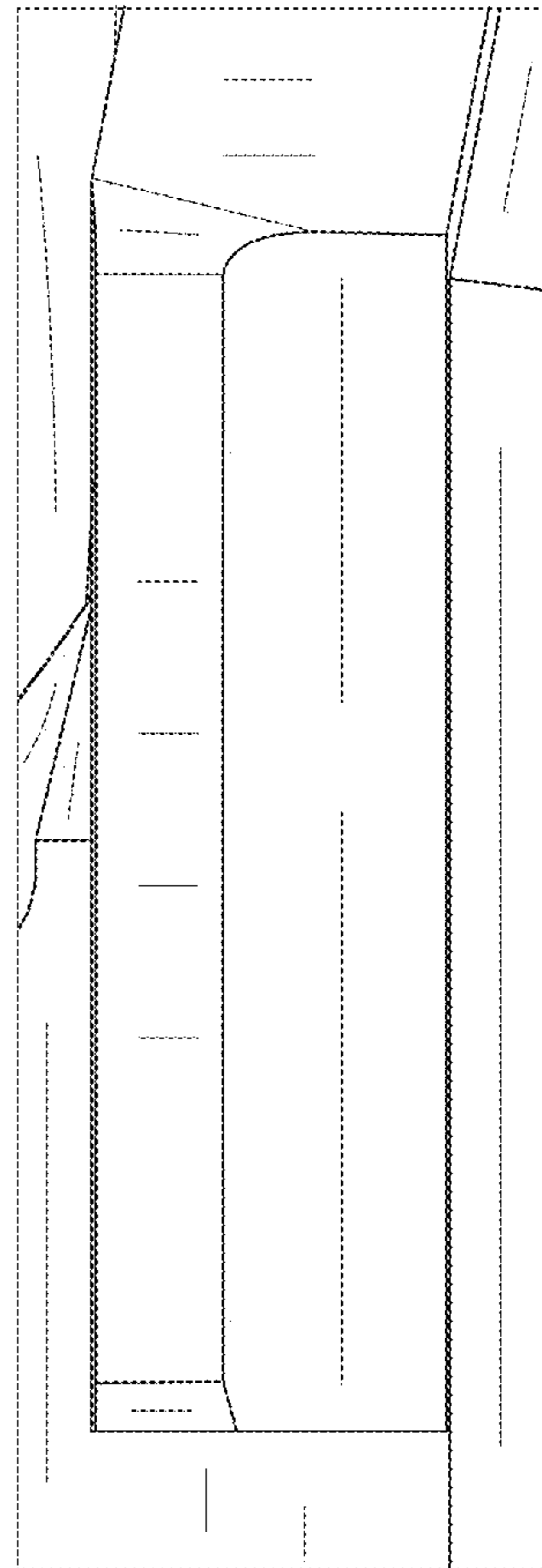


FIG.10

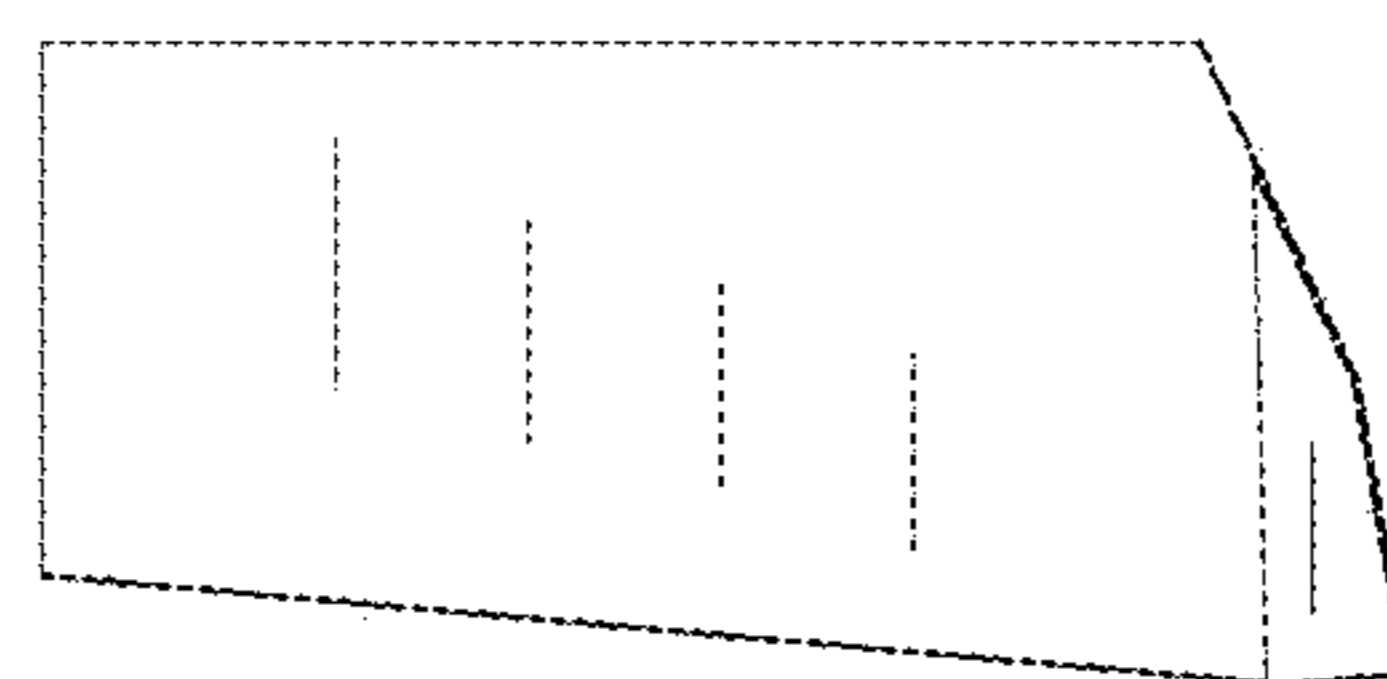


FIG.11

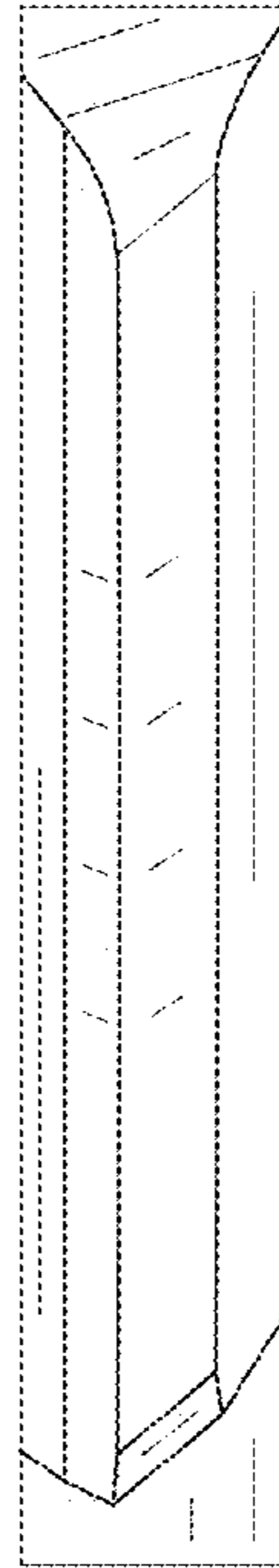


FIG.12

