



US00D851275S

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

(10) **Patent No.:** **US D851,275 S**

(45) **Date of Patent:** **** Jun. 11, 2019**

(54) **CARTRIDGE**

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

(21) Appl. No.: **29/614,032**

(22) Filed: **Aug. 15, 2017**

(51) **LOC (11) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/225**

(58) **Field of Classification Search**
USPC D24/216, 223–233, 186, 107; D10/81
CPC B01L 3/5027; B01L 3/502707; B01L 9/52;
B01L 9/523; B01L 9/527; B01L
2300/0609; B01L 2300/0809; B01L
2300/0877; B01L 2200/027
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D302,294 S * 7/1989 Hillman D24/223
D384,164 S * 9/1997 Leiva D24/223

D404,497 S * 1/1999 Lahm D24/224
D631,556 S * 1/2011 Shi D24/225
D636,891 S * 4/2011 Nicholls D24/225
D636,893 S * 4/2011 Nicholls D24/225
D738,524 S * 9/2015 Kikuhara D24/216
D812,767 S * 3/2018 Osmus D24/225
2013/0156644 A1 * 6/2013 Lee B01L 3/5027
422/69
2016/0289669 A1 * 10/2016 Fan B01L 3/502715
2018/0200710 A1 7/2018 Spuhler

* cited by examiner

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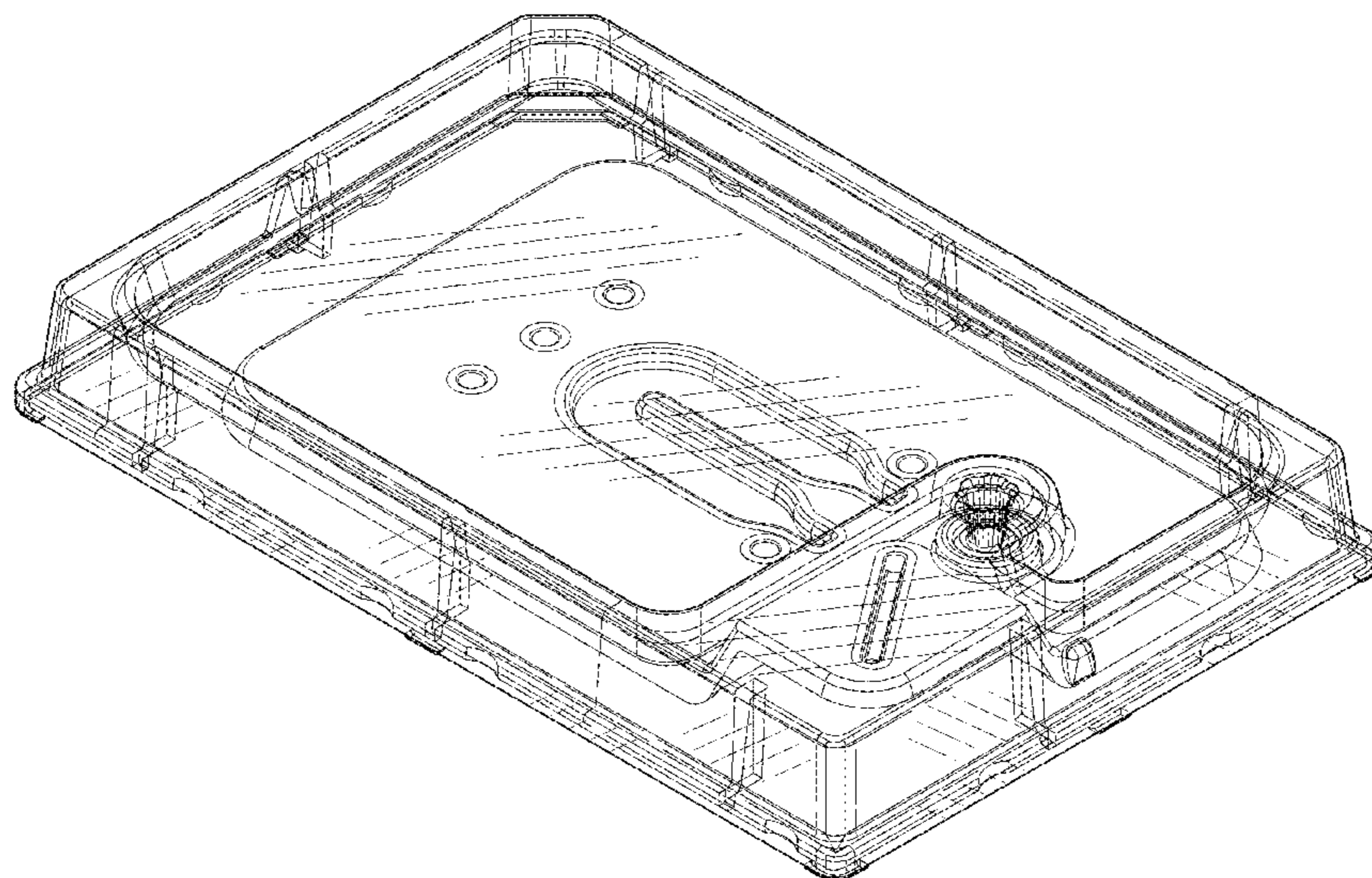
(57) **CLAIM**

The ornamental design for a cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an embodiment of a cartridge embodying the new design.
FIG. 2 is a first side view thereof.
FIG. 3 is a second side view thereof taken from the opposite side of FIG. 2.
FIG. 4 is a third side view thereof.
FIG. 5 is a fourth side view thereof taken from the opposite side of FIG. 4.
FIG. 6 is a top view thereof.
FIG. 7 is a bottom view thereof.
FIG. 8 is a bottom perspective view thereof; and,
FIG. 9 is an exploded view thereof.

1 Claim, 7 Drawing Sheets



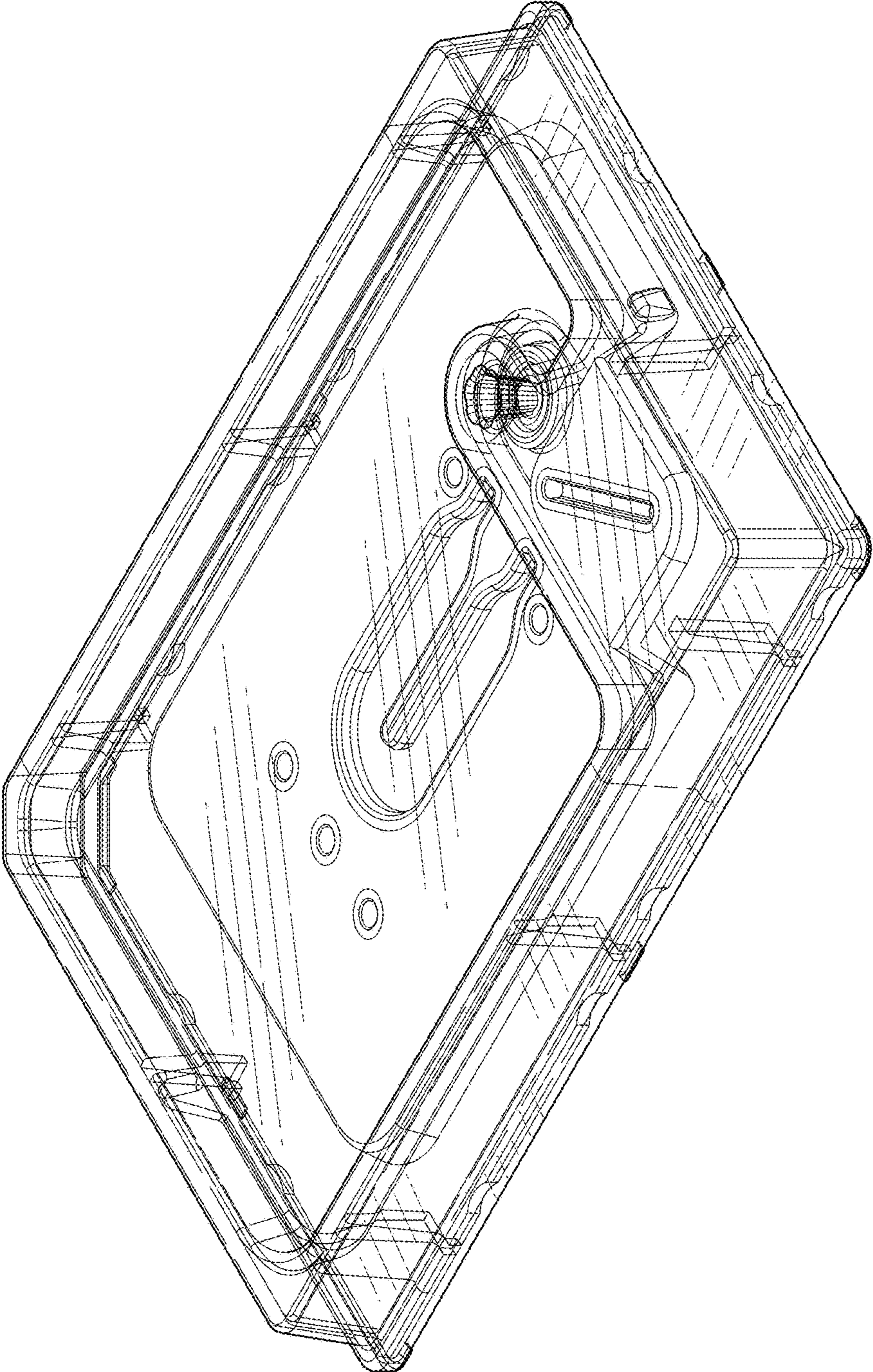


FIG. 1

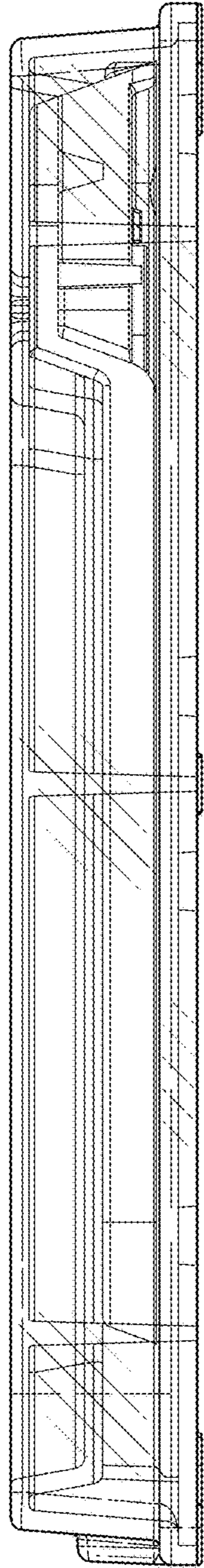


FIG. 2

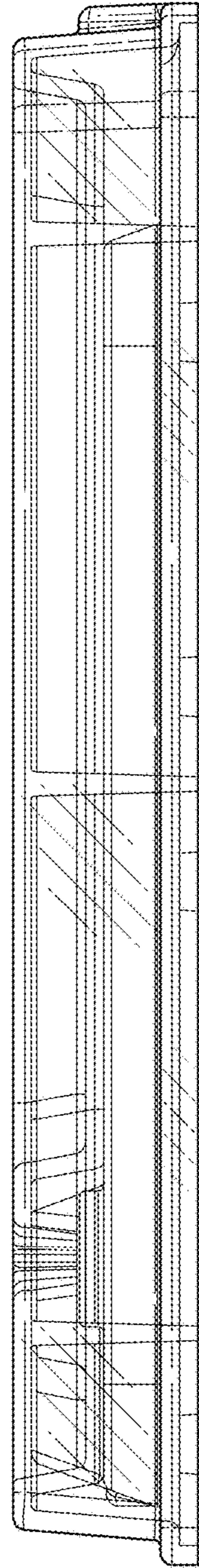


FIG. 3

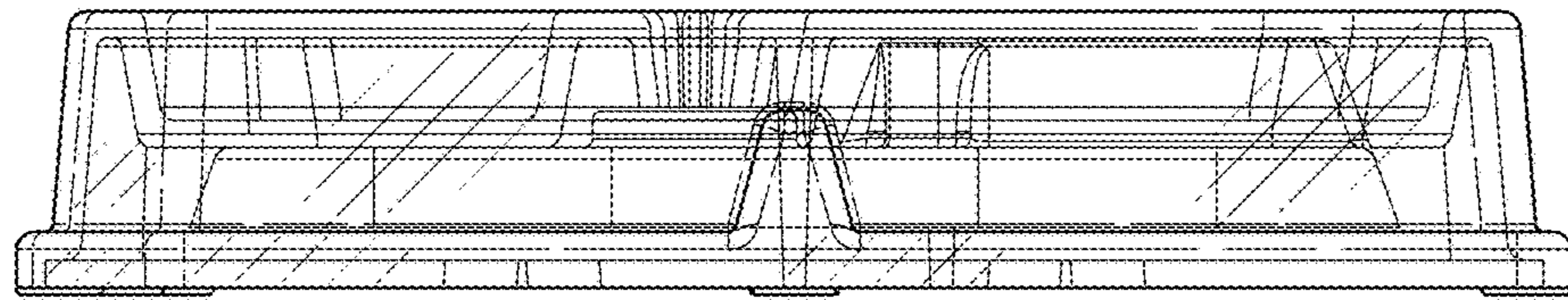


FIG. 4

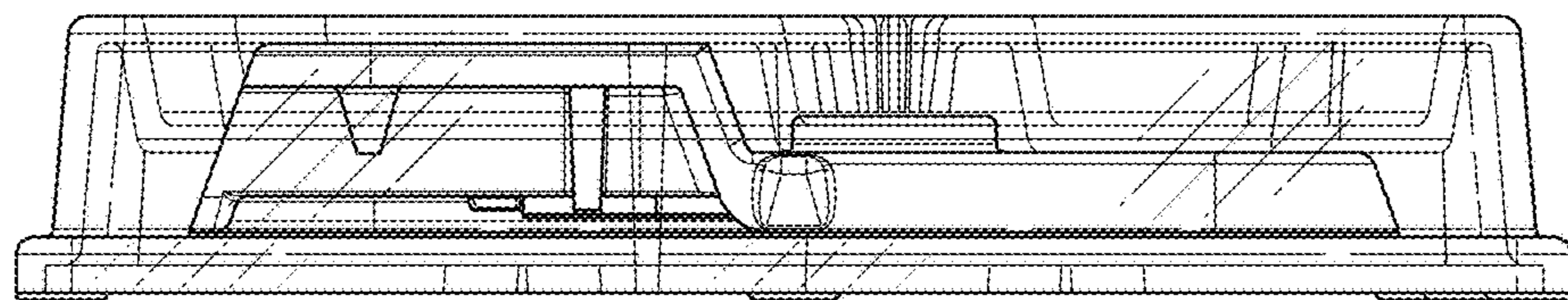


FIG. 5

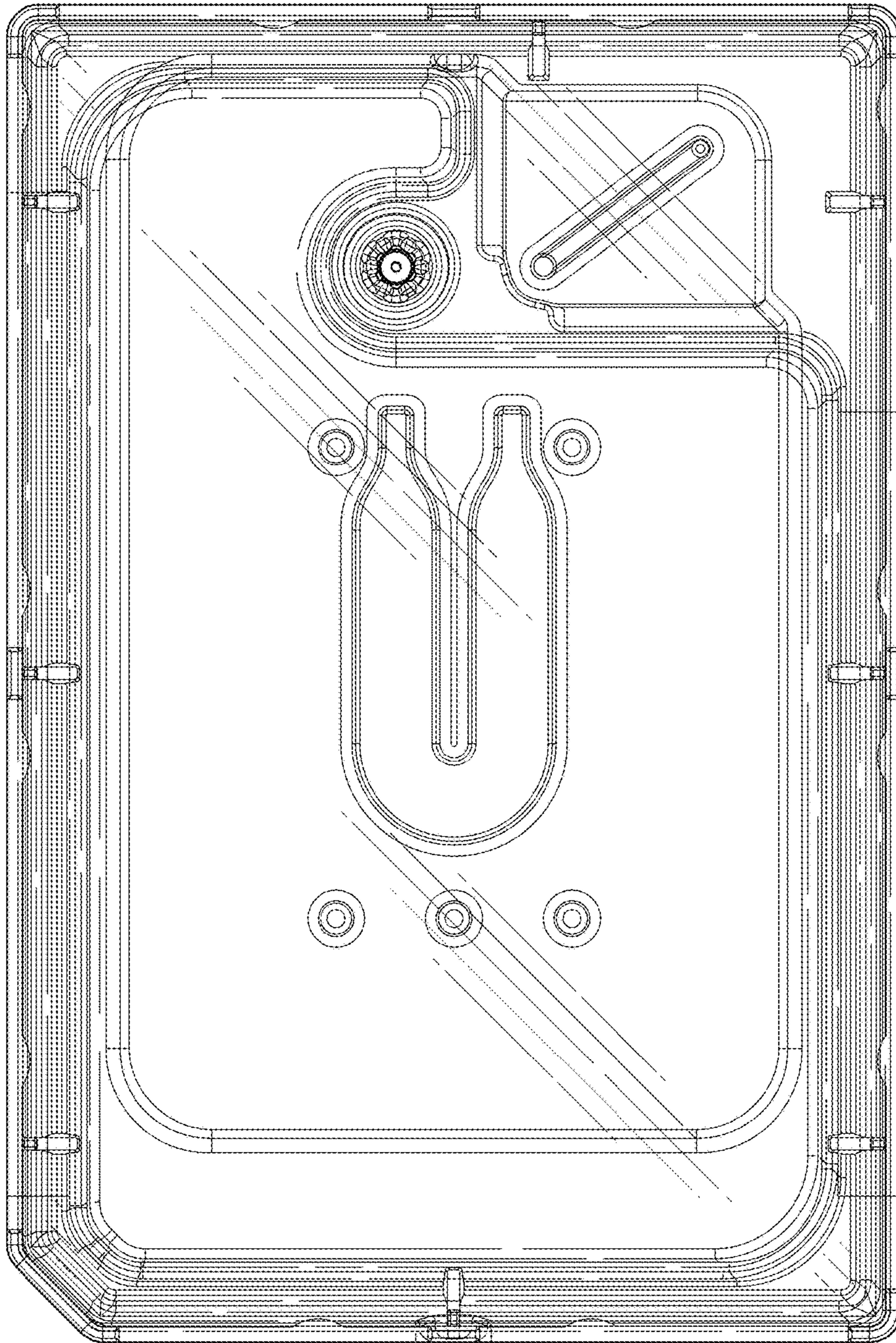


FIG. 6

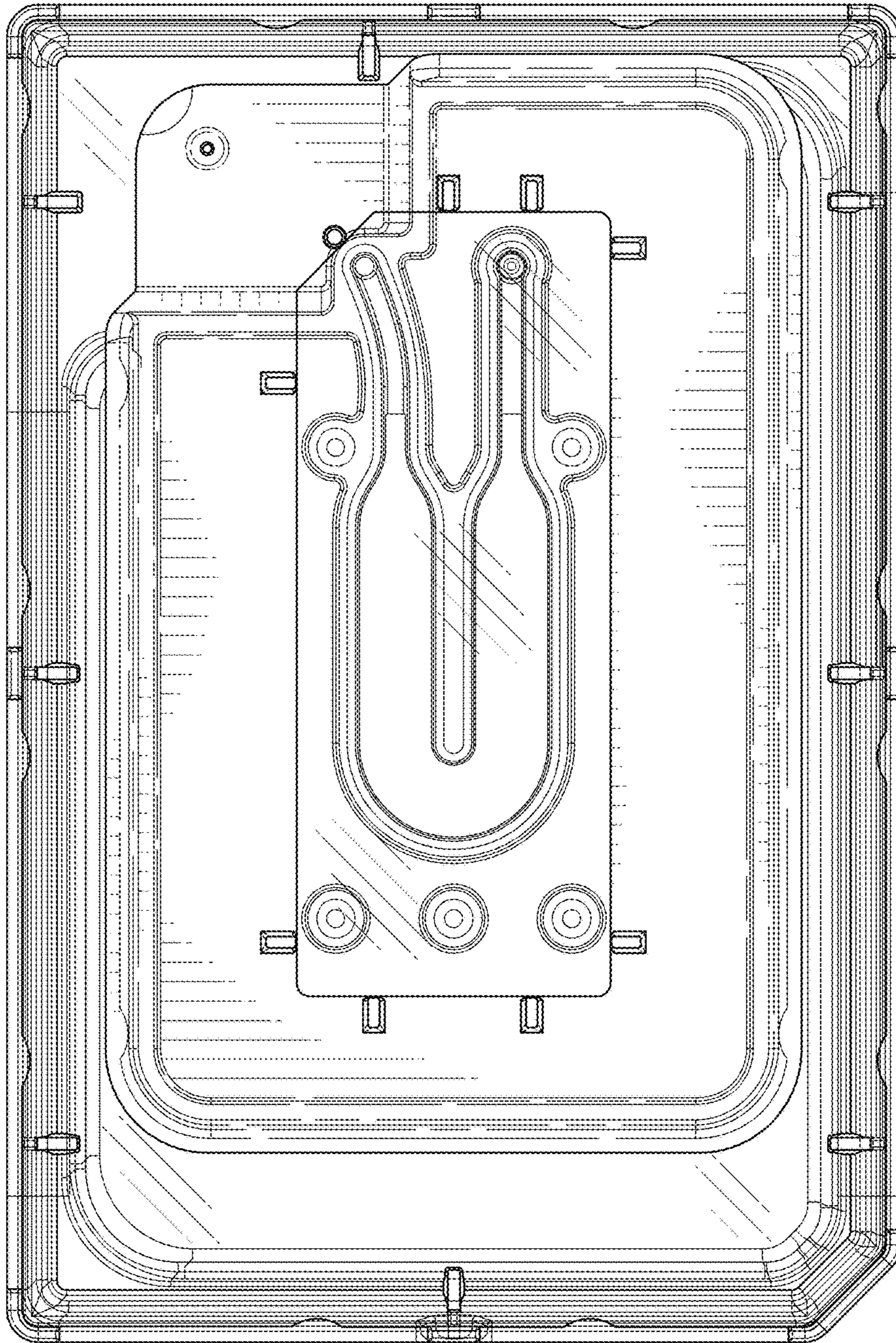


FIG. 7

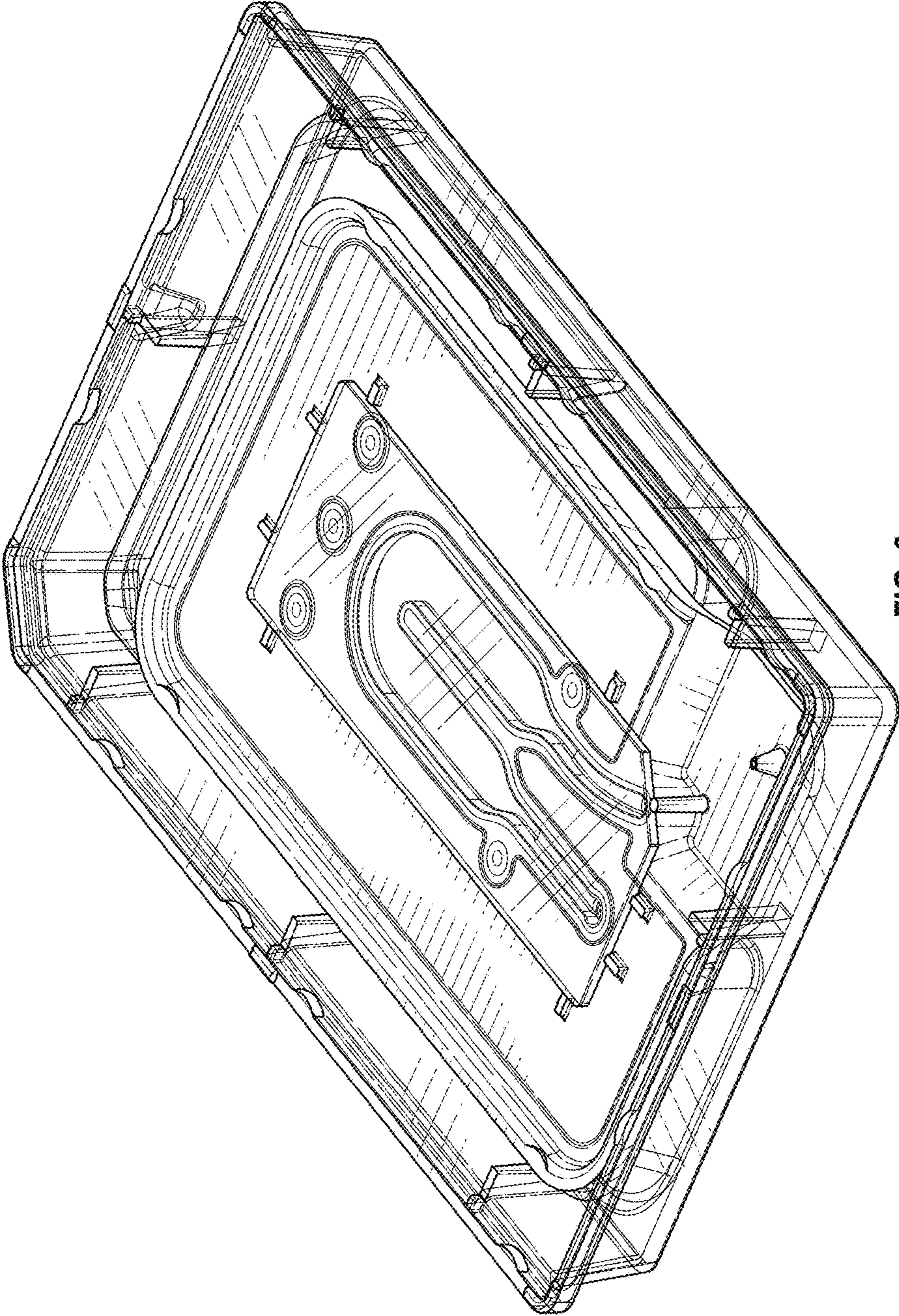


FIG. 8

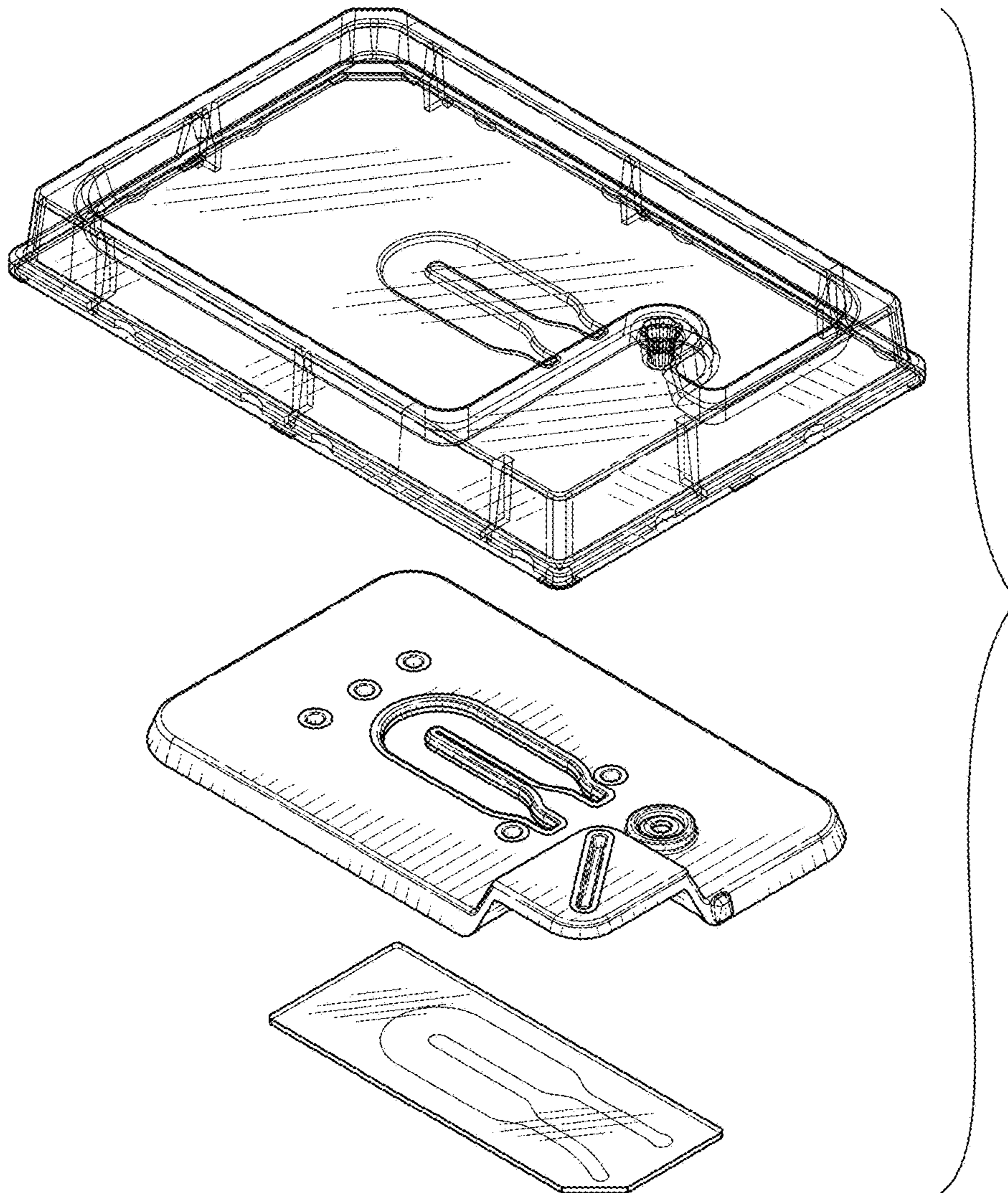


FIG. 9