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(12) **United States Design Patent** (10) **Patent No.:** **US D797,362 S**
Deyaf et al. (45) **Date of Patent:** **** *Sep. 12, 2017**

(54) **LED OPTICAL LENS**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

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(51) **LOC (10) Cl.** **26-05**

(52) **U.S. Cl.**
USPC **D26/120**

(58) **Field of Classification Search**
USPC D26/20, 27, 30, 31, 25, 35, 36, 42, 46, D26/55, 63, 69, 70, 71, 74, 76, 72, 85, D26/113, 78, 80, 101, 110, 109, 118-120, D26/123, 124, 127, 133, 134, 139, 303; D7/416; D10/111-113, 115, 113.1; D11/144; D13/134, 158-178; D14/473, D14/230; D22/118; D24/210; D25/126-135

CPC F21Y 2115/10; F21Y 2107/20; F21V 5/04; F21V 5/007; F21V 5/045; F21V 7/0083; F21V 7/0091; F21V 7/09; F21V 7/10; F21V 7/0016; F21V 7/22; F21V 15/01; F21V 14/06; F21V 29/74; F21V 29/004; F21V 23/0471; F21S 48/215; F21S 48/115; F21S 48/155; F21S 48/2212; F21S 48/1394; F21S 48/1154; F21S 4/26; F21S 2/00; F21S 8/00; F21K 9/00; F21K 9/233; G02B 19/0061; G02B 27/0955; G02B 27/095; G02B 27/0983; G03B 15/02; H05K 1/0203; H05K 2201/10106; H05B 33/0842; C09K 11/02; B61Q 1/068; B61Q 1/0088

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

753,134 A * 2/1904 Goehst F21V 7/22 362/237
D120,658 S * 5/1940 Arenberg D26/120
2,482,430 A * 9/1949 Noel G03B 15/02 362/12
3,643,079 A * 2/1972 Glickman F21S 8/00 362/249.09

(Continued)

OTHER PUBLICATIONS

“Optilux 6-LED Mini Light Bar” Mar. 4, 2014, tirerack.com, site visited May 2, 2017 <<https://www.tirerack.com/lighting/detail.jsp?ID=1194>>.*

(Continued)

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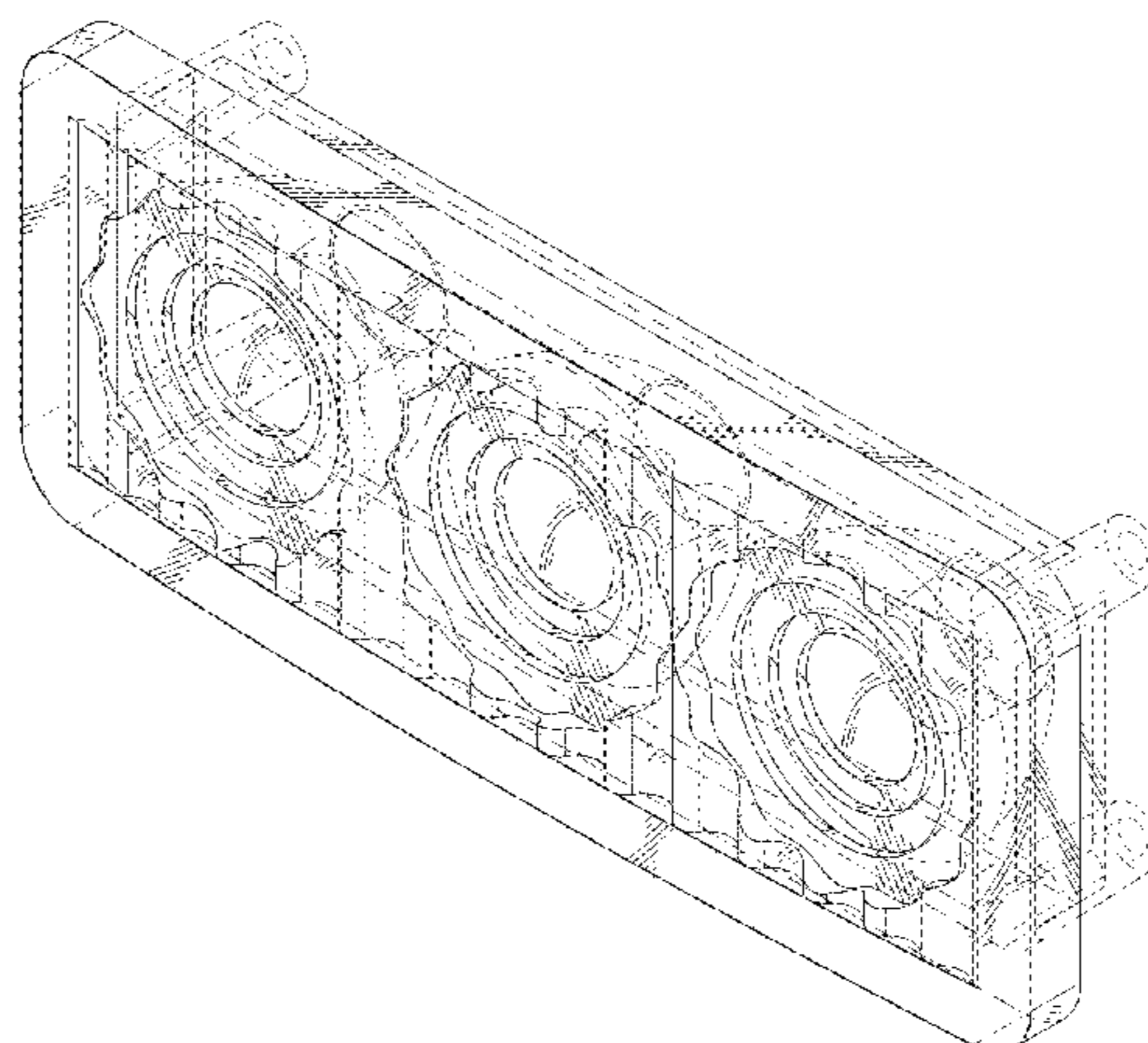
(57) **CLAIM**

The ornamental design for a LED optical lens, as shown and described.

DESCRIPTION

FIG. 1 is a perspective front view of a LED optical lens showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view; and,
FIG. 8 is a perspective back view thereof.
The broken line portions in FIGS. 1-8 are included to show unclaimed subject matter only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D247,756 S * 4/1978 Nagelkerke D24/210
4,764,851 A * 8/1988 Hartmann F21S 48/155
362/238
D359,374 S * 6/1995 Weinstock D26/80
D578,692 S * 10/2008 Engel D26/63
D646,416 S * 10/2011 Wauters D26/63
D653,860 S * 2/2012 Duma D6/303
D672,900 S * 12/2012 Gailly D26/80
2013/0051059 A1 * 2/2013 Abai B60Q 1/068
362/523
2015/0217679 A1 * 8/2015 Paine B60Q 1/0088
362/517

OTHER PUBLICATIONS

“Rigid SR-Series 6” LED Light Bar” Dec. 2, 2011, trailduty.com,
site visited May 3, 2017 <https://www.trailduty.com/product_info.php?products_id=1544>.*

“18W LED Bar” Nov. 18, 2015, olx.pt, site visited May 3, 2017
<<https://www.olx.pt/anuncio/barra-led-18w-IDxSEKw.html>>.*

* cited by examiner

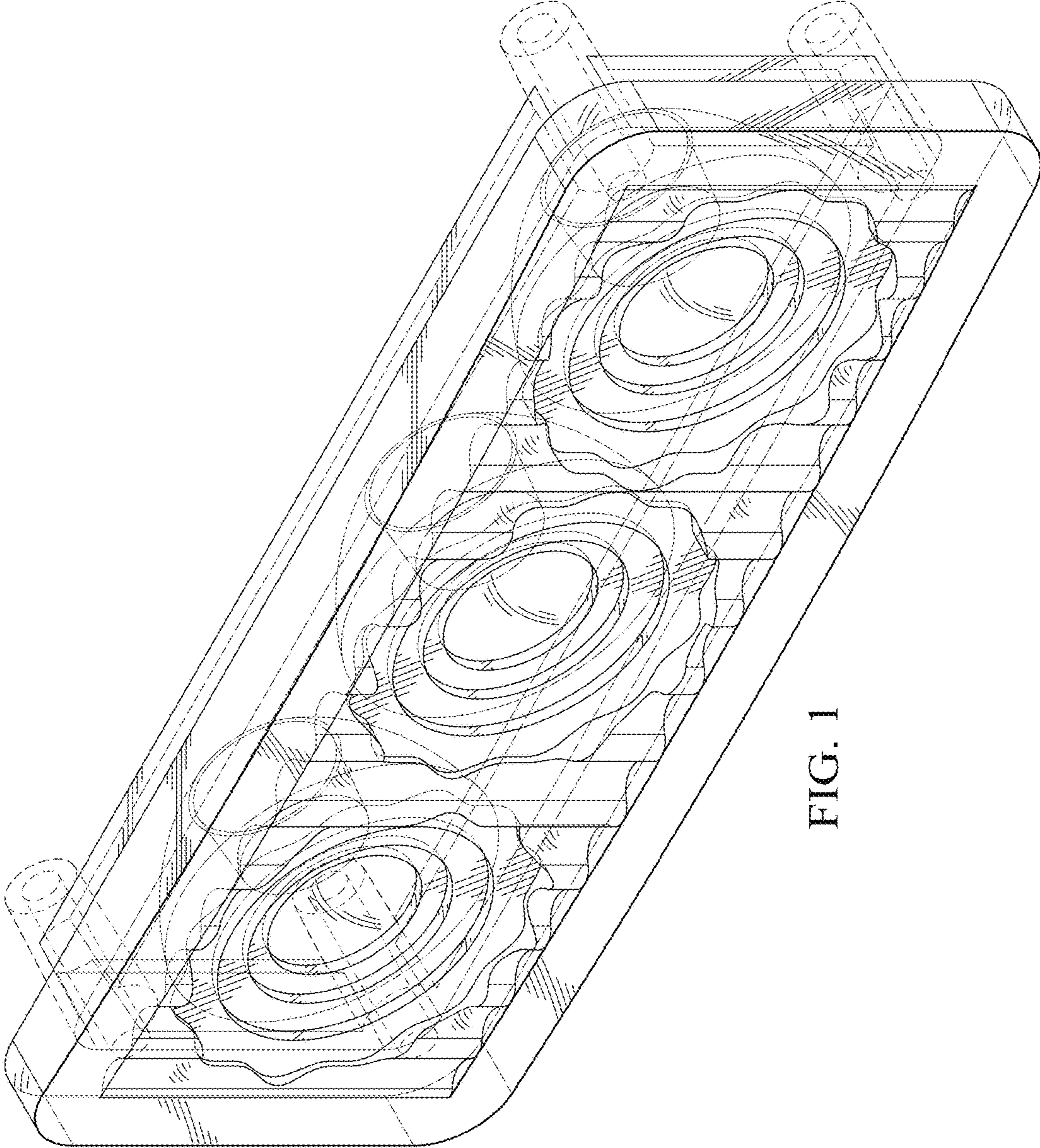


FIG. 1

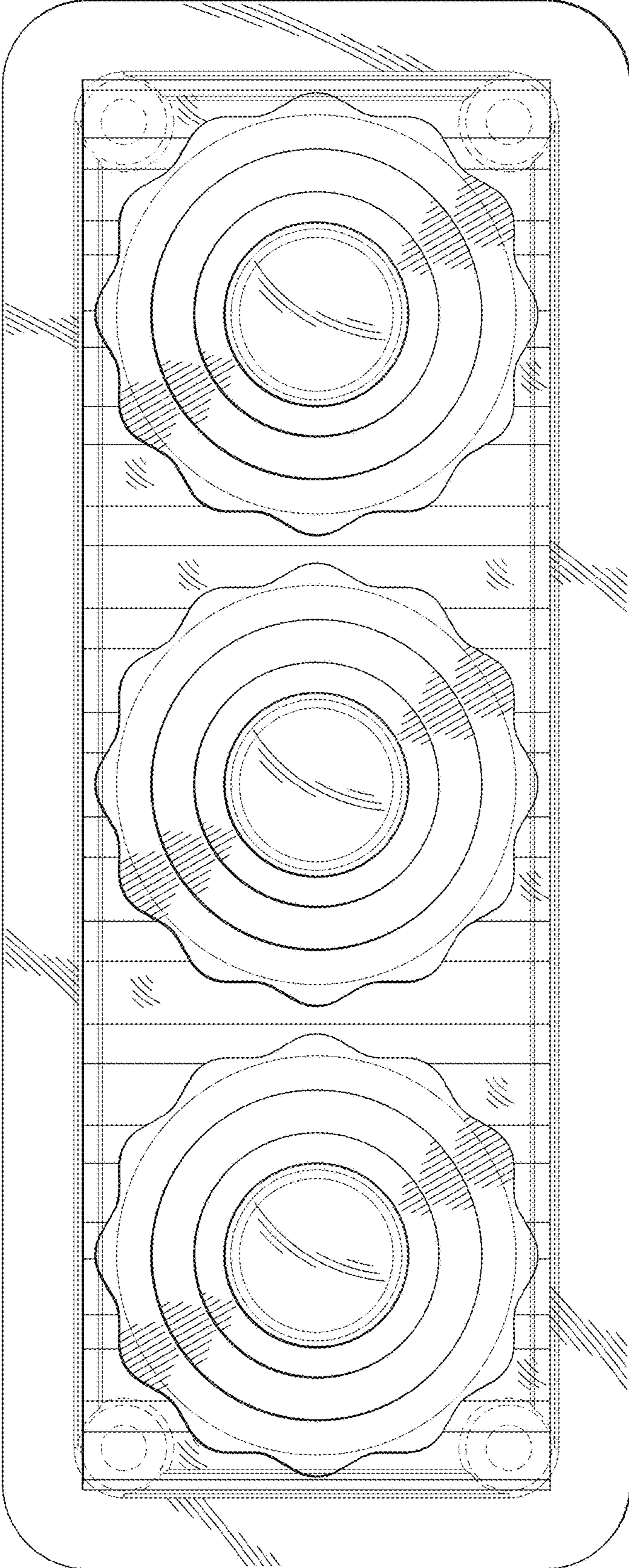


FIG. 2

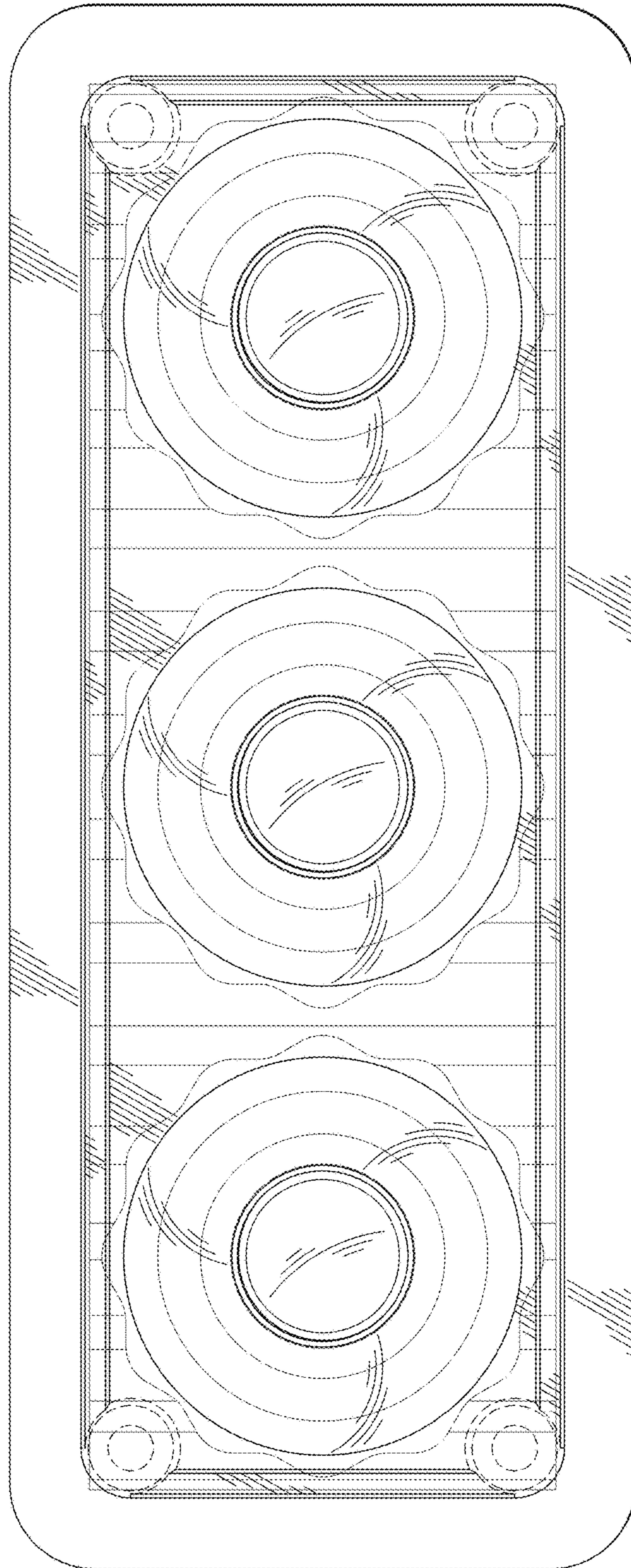


FIG. 3

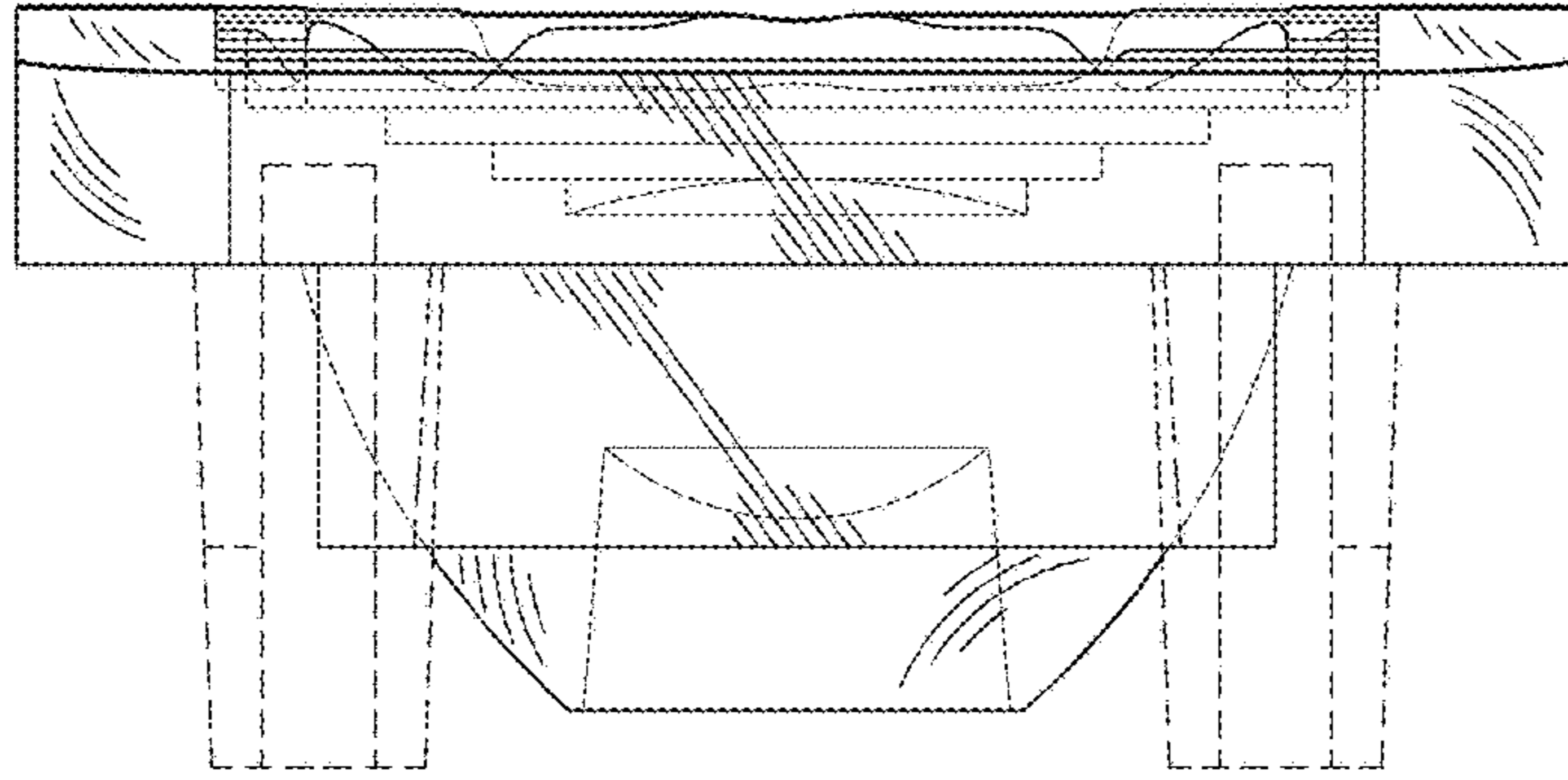


FIG. 5

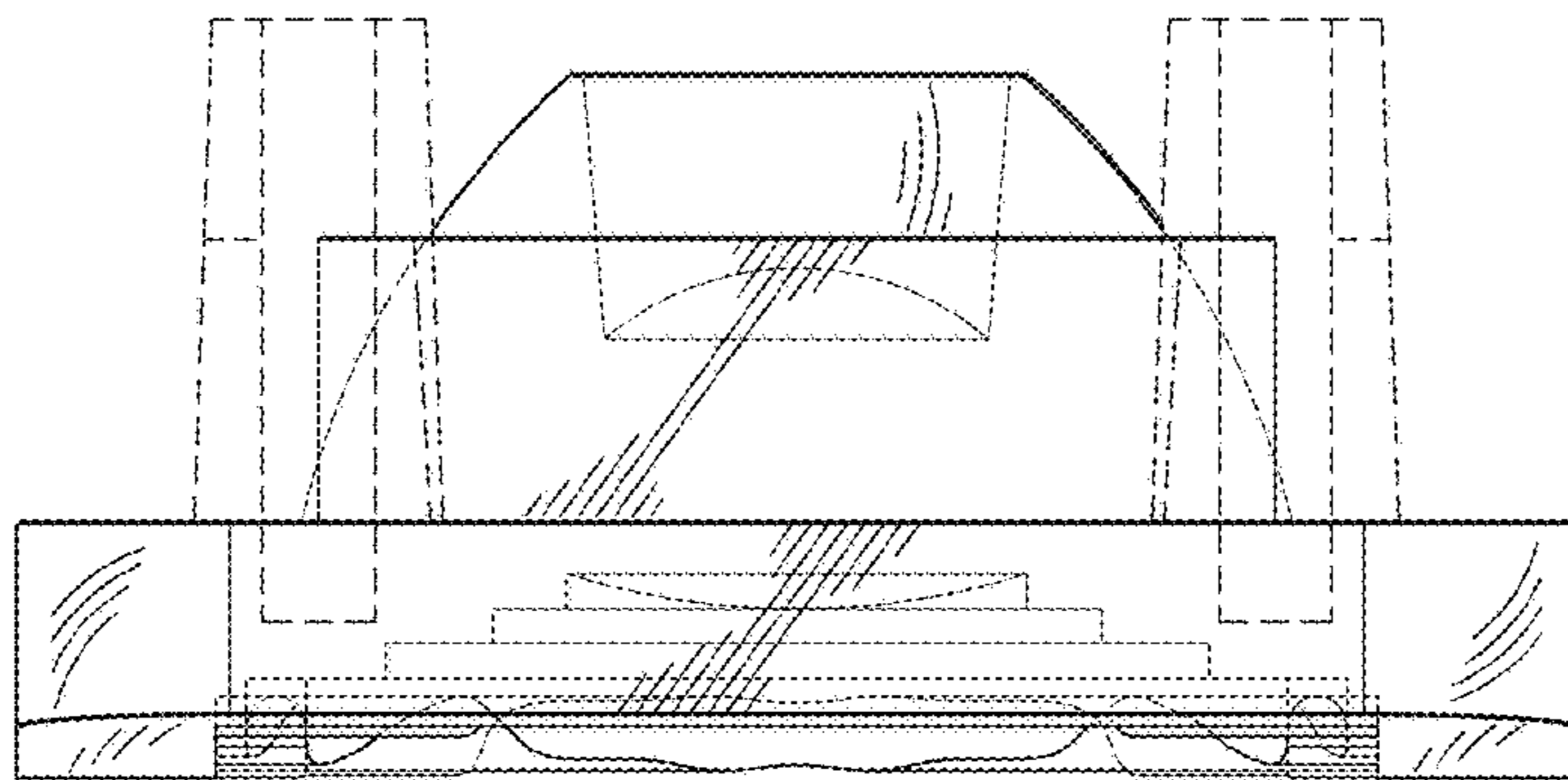


FIG. 4

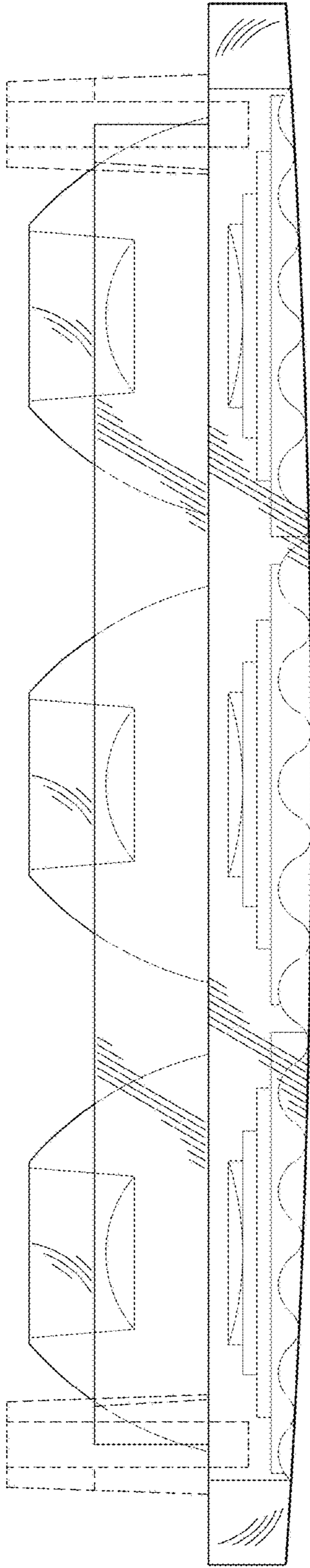


FIG. 6

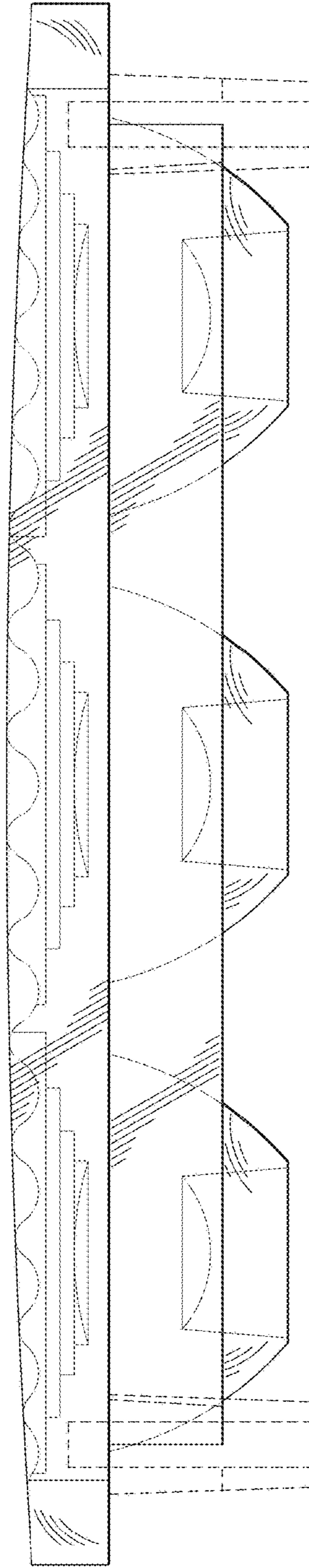


FIG. 7

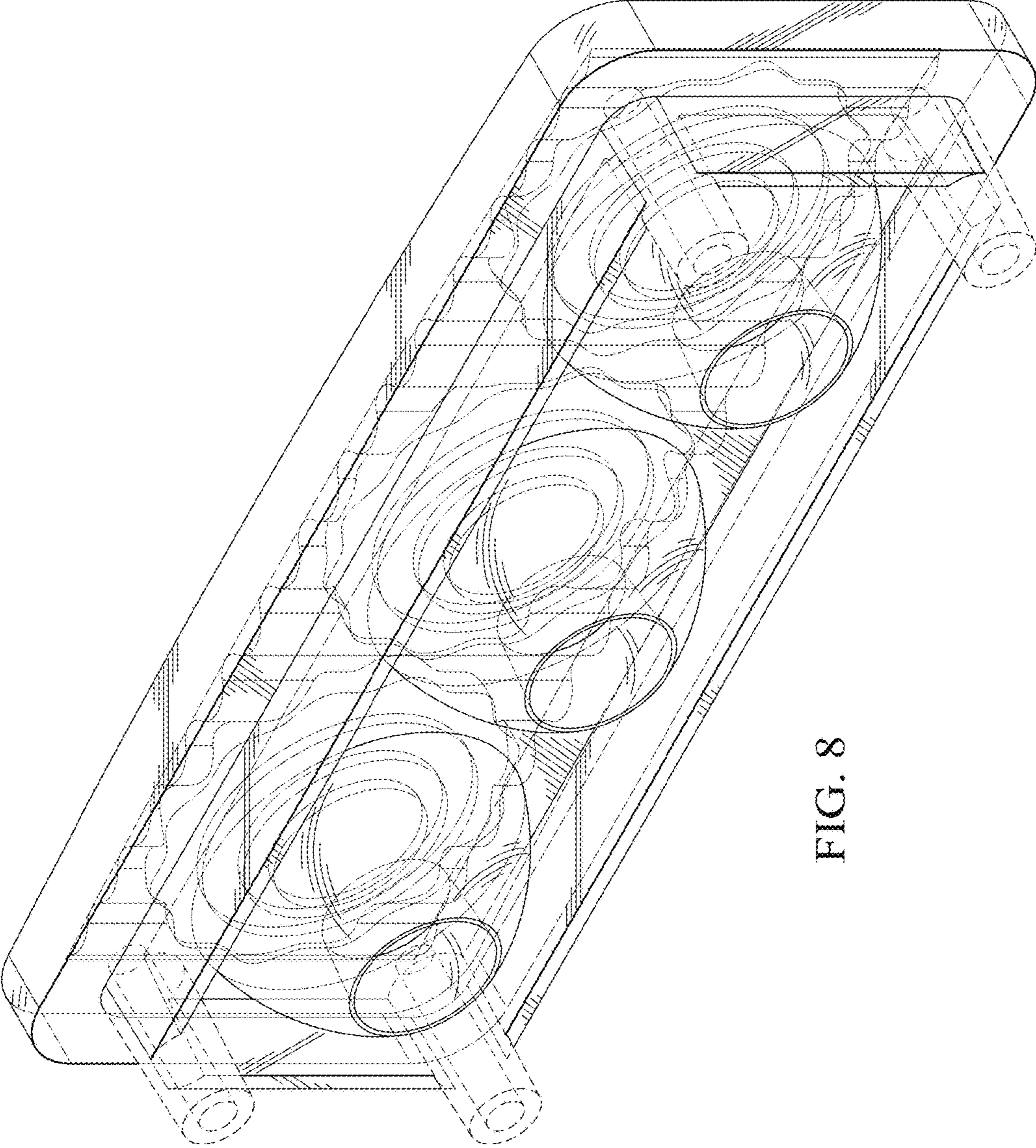


FIG. 8