



US00D897311S

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

(10) **Patent No.:** **US D897,311 S**

(45) **Date of Patent:** **** Sep. 29, 2020**

(54) **SPEAKER FOR AUTOMOBILE**
(71) Applicant: **PIONEER CORPORATION**, Tokyo
(JP)

(72) Inventor: **Yusuke Matsubayashi**, Tokyo (JP)

(73) Assignee: **PIONEER CORPORATION**, Tokyo
(JP)

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

(21) Appl. No.: **29/675,025**

(22) Filed: **Dec. 28, 2018**

(30) **Foreign Application Priority Data**

Jul. 5, 2018 (JP) 2018-014899

(51) **LOC (12) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/216; D14/219**

(58) **Field of Classification Search**
USPC D14/216, 215, 224, 204, 219; 181/143,
181/144, 147, 148, 150, 151, 198, 199,
181/153; 381/302, 303, 306, 333, 345,
381/361-364, 386-388, 332, 336;
455/90.3, 575.1, 569.1
CPC . H04R 25/00; H04R 1/20; H04R 9/06; H04R
9/04; H04R 1/00; H04R 1/24; H04R
7/16; H04R 7/18; H04R 1/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,666,303 A * 4/1928 Platt F41H 5/26
109/21.5
2,496,589 A * 2/1950 Marquis H04R 1/24
381/186
2,857,478 A * 10/1958 Harris H04R 1/24
381/182
D188,541 S * 8/1960 Matsuoka D14/216

D191,403 S * 9/1961 Perry D14/224
3,952,834 A * 4/1976 Soma H04R 1/023
181/150
D254,130 S * 2/1980 Iijima 181/157
D254,252 S * 2/1980 Matsubara 181/157
(Continued)

FOREIGN PATENT DOCUMENTS

CN 304232229 * 8/2017
EM 001978792-0001 * 1/2012
(Continued)

OTHER PUBLICATIONS

Catalogue "Audio & AV Car Entertainment Dealer Reference Guide
vol. 1" (pp. 82-85) issued on 2016.

Primary Examiner — Paula Allen Greene
(74) *Attorney, Agent, or Firm* — Faegre Drinker Biddle &
Reath LLP

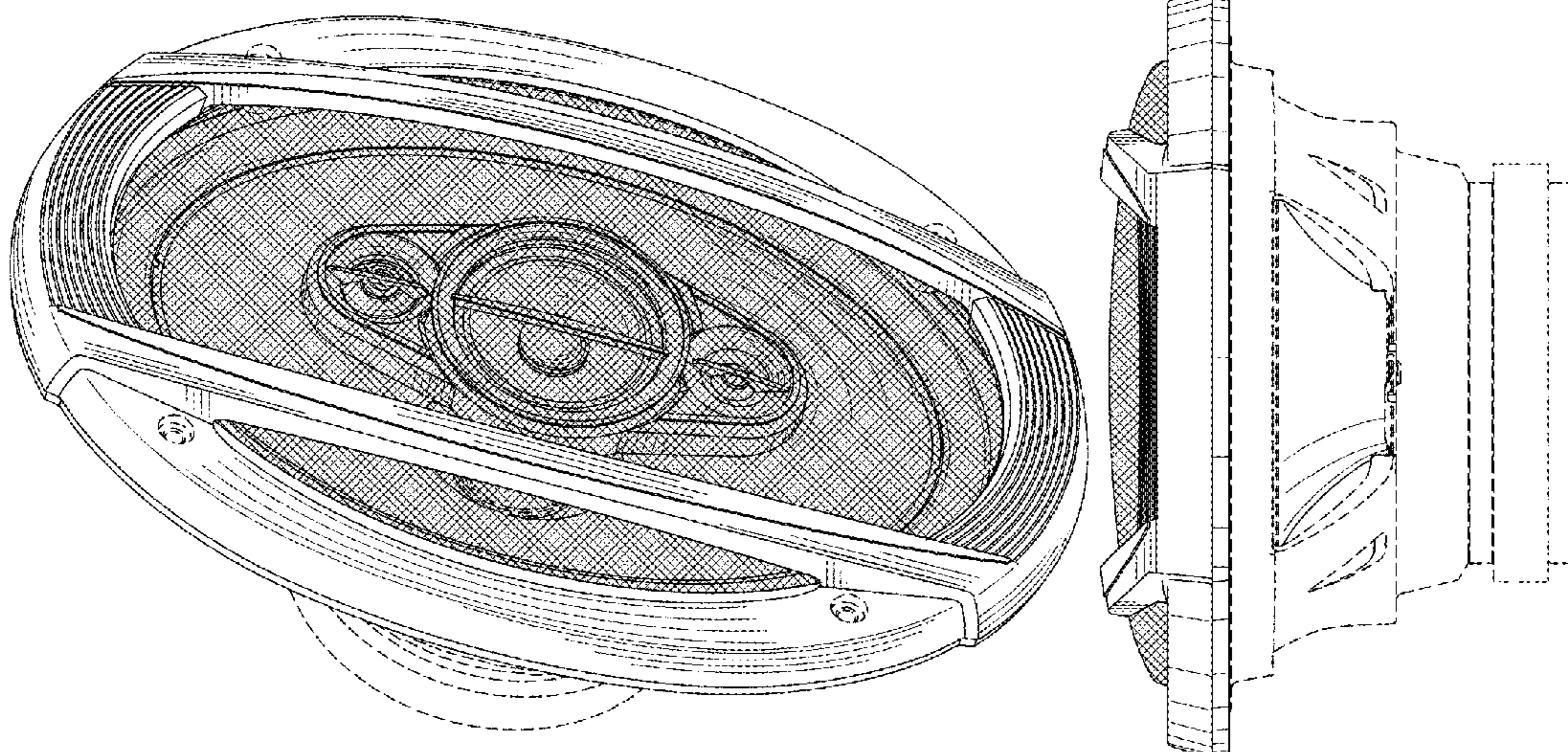
(57) **CLAIM**

The ornamental design for the speaker for automobile, as
shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a speaker for automobile
showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a front view showing the grille in a detached
condition for ease of illustration.
In the drawing the claimed design is defined by the shaded
surfaces; all broken lines are directed to environment and are
for illustrative purposes only; the broken lines form no part
of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D254,434 S * 3/1980 Iijima 181/157
 D254,490 S * 3/1980 Matsubara 181/157
 D265,556 S * 7/1982 Iijima D14/216
 D273,008 S * 3/1984 Ishizaki D14/215
 D276,912 S * 12/1984 Yoshikawa D14/215
 4,492,826 A * 1/1985 Chiu H04R 1/24
 181/144
 D279,183 S * 6/1985 Yoshikawa D14/215
 D281,157 S * 10/1985 Takagi D14/215
 D284,281 S * 6/1986 Takagi D14/215
 D284,370 S * 6/1986 O'Connor, Jr. D14/215
 4,672,675 A * 6/1987 Powell H04R 9/063
 381/182
 D291,988 S * 9/1987 Ishizaki D14/215
 D295,741 S * 5/1988 Keitoku D14/215
 4,837,839 A * 6/1989 Andrews H04R 1/24
 181/146
 D328,462 S * 8/1992 Christie D14/215
 D359,494 S * 6/1995 Hedaya D14/224
 D402,988 S * 12/1998 Shin D14/214
 6,095,278 A * 8/2000 Lin H04R 9/06
 181/148
 6,516,076 B1 * 2/2003 Marlin G10K 11/004
 181/159
 D488,802 S * 4/2004 Uehara D14/216
 D489,359 S * 5/2004 Hakoda D14/215
 6,792,125 B1 * 9/2004 David H04R 1/025
 381/152
 D525,236 S * 7/2006 Hibi D14/221
 D532,771 S * 11/2006 Motoishi D14/211
 D551,209 S * 9/2007 Mizokawa D14/216
 D551,210 S * 9/2007 Mizokawa D14/216
 D554,620 S * 11/2007 Shiono D14/216
 D560,658 S * 1/2008 Akaishi D14/221
 D579,916 S * 11/2008 Ichikawa D14/216
 D585,425 S * 1/2009 Natori D14/216
 D588,661 S * 3/2009 Lee D21/759
 D591,729 S * 5/2009 Natori D14/216
 D593,073 S * 5/2009 Kurihara D14/216
 D593,542 S * 6/2009 Kurihara D14/216
 D596,620 S * 7/2009 Ichikawa D14/216
 D597,076 S * 7/2009 Komiyama D14/215
 D608,345 S * 1/2010 Oishi D14/216
 D608,764 S * 1/2010 Oishi D14/216

D629,389 S * 12/2010 Kitayama D14/215
 D674,378 S * 1/2013 Ishinabe D14/224
 D678,247 S 3/2013 Matsumura
 D678,867 S 3/2013 Matsumura
 D680,100 S 4/2013 Matsumura
 D681,016 S * 4/2013 Ishinabe D14/224
 D837,181 S * 1/2019 Kitamura D14/204
 D839,235 S * 1/2019 Kitamura D14/204
 D840,375 S * 2/2019 Sakata D14/216
 D859,365 S * 9/2019 Kitamura D14/216
 D859,366 S * 9/2019 Wakasa D14/216
 D864,916 S * 10/2019 Wakasa D14/221
 D872,052 S * 1/2020 Kitamura D14/210
 D875,078 S * 2/2020 Horiuchi D14/216
 D875,080 S * 2/2020 Horiuchi D14/216
 D875,081 S * 2/2020 Horiuchi D14/216
 D875,717 S * 2/2020 Horiuchi D14/216

FOREIGN PATENT DOCUMENTS

JP 1191947 12/2003
 JP 1191984 12/2003
 JP 1192160 12/2003
 JP 1302641 12/2003
 JP 1302642 6/2007
 JP 1329063 5/2008
 JP 1408188 2/2011
 JP 1408543 2/2011
 JP 1427955 11/2011
 JP 1428035 11/2011
 JP 1428036 11/2011
 JP 1450115 9/2012
 JP 1470927 6/2013
 JP 1471187 6/2013
 JP 1471188 6/2013
 JP 1471189 6/2013
 JP 1540569 12/2015
 JP 1540683 12/2015
 JP 1540684 12/2015
 JP 1540685 12/2015
 JP 1574225 4/2017
 JP 1574444 4/2017
 JP 1588866 10/2017
 JP 1588867 10/2017
 JP D1592236 * 11/2017
 JP D1634951 * 5/2019

* cited by examiner

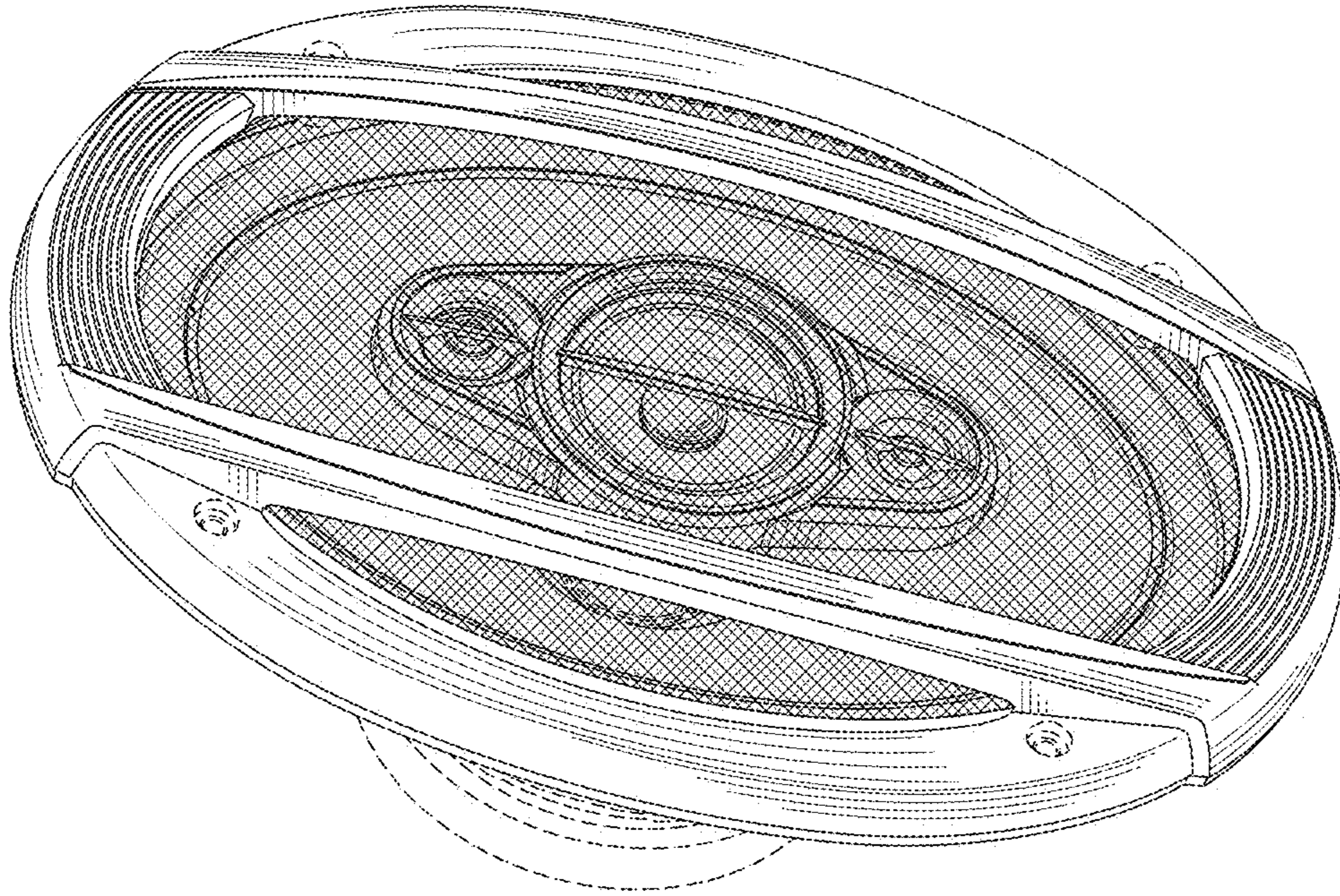


FIG. 1

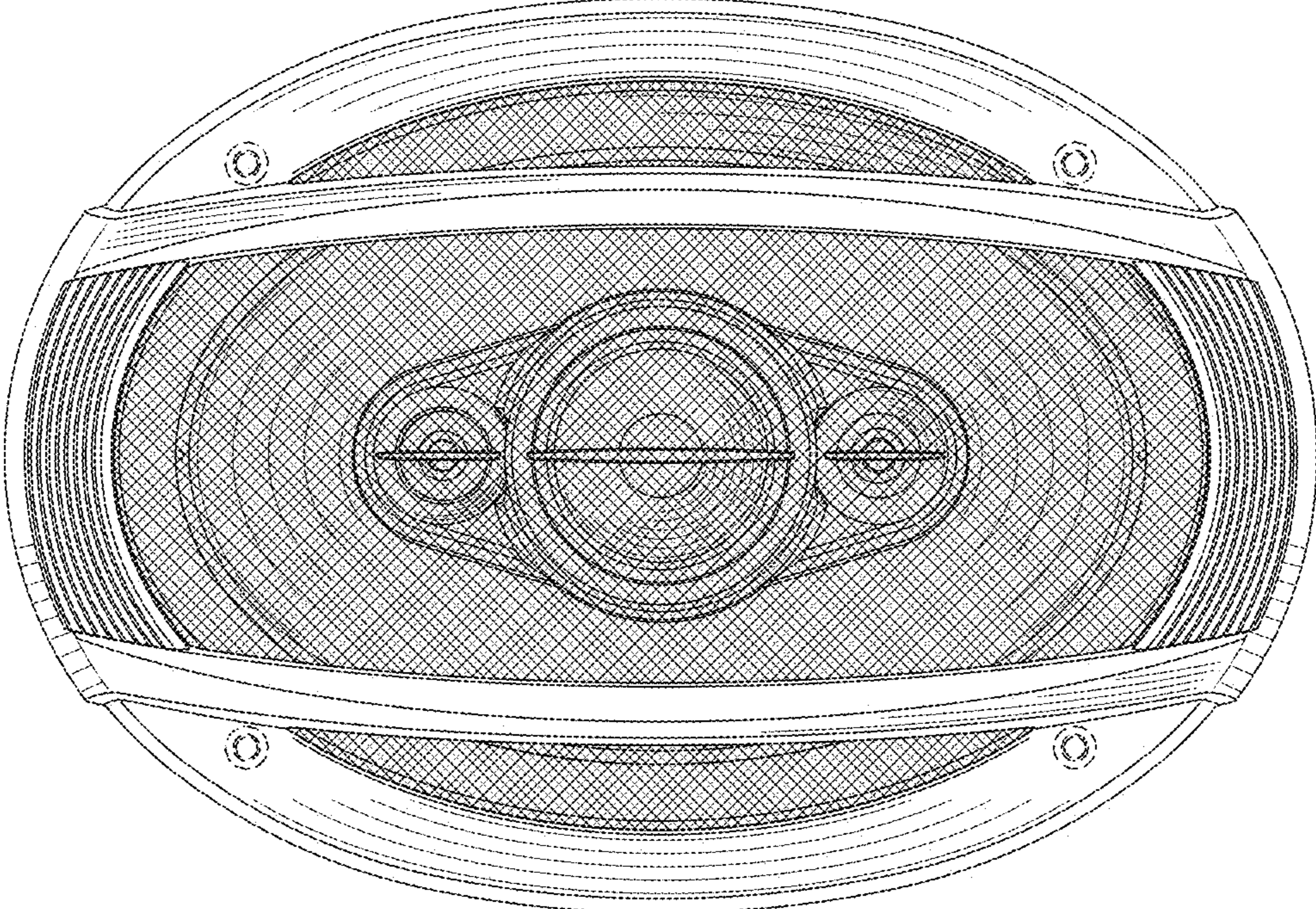


FIG. 2

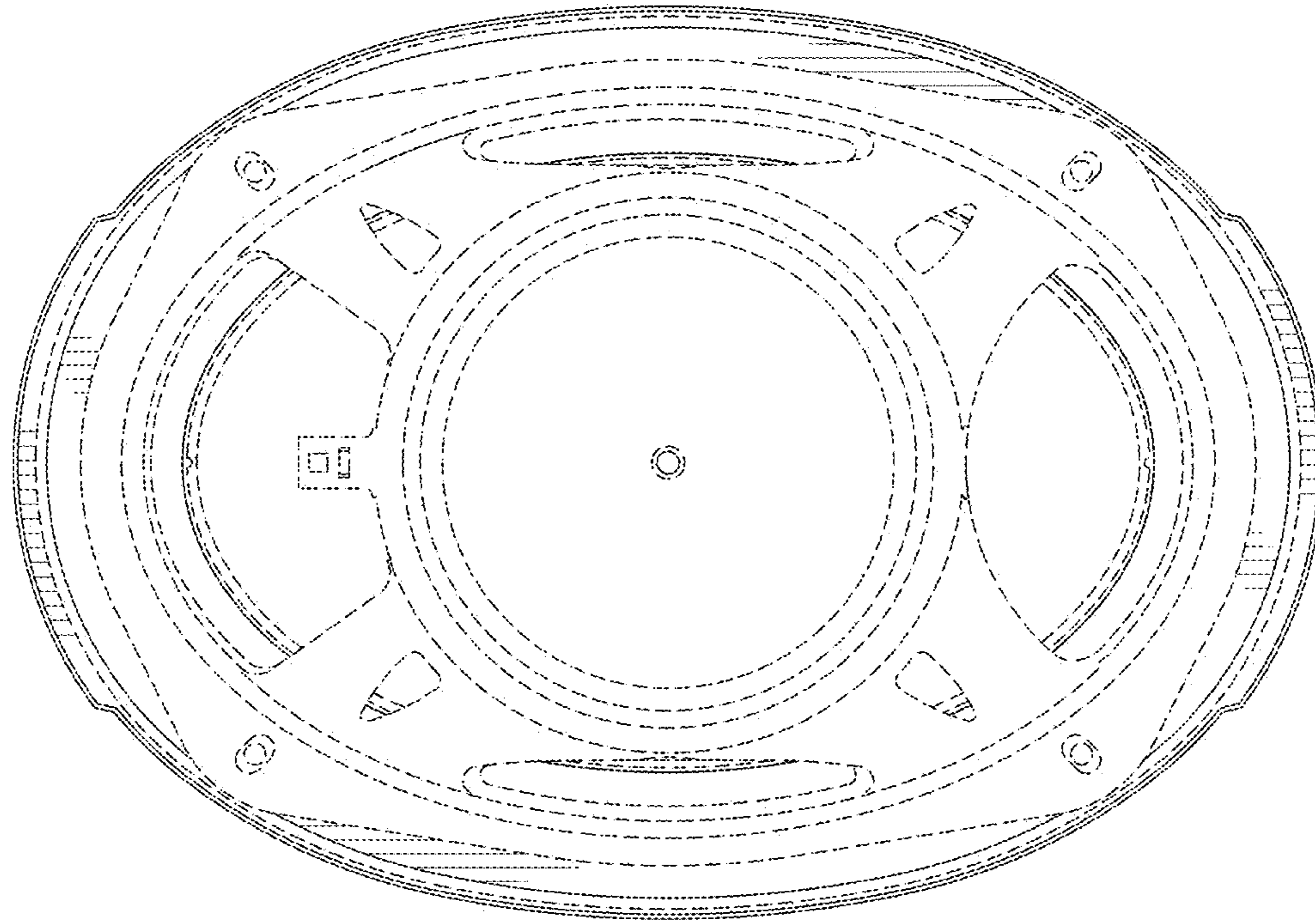


FIG. 3

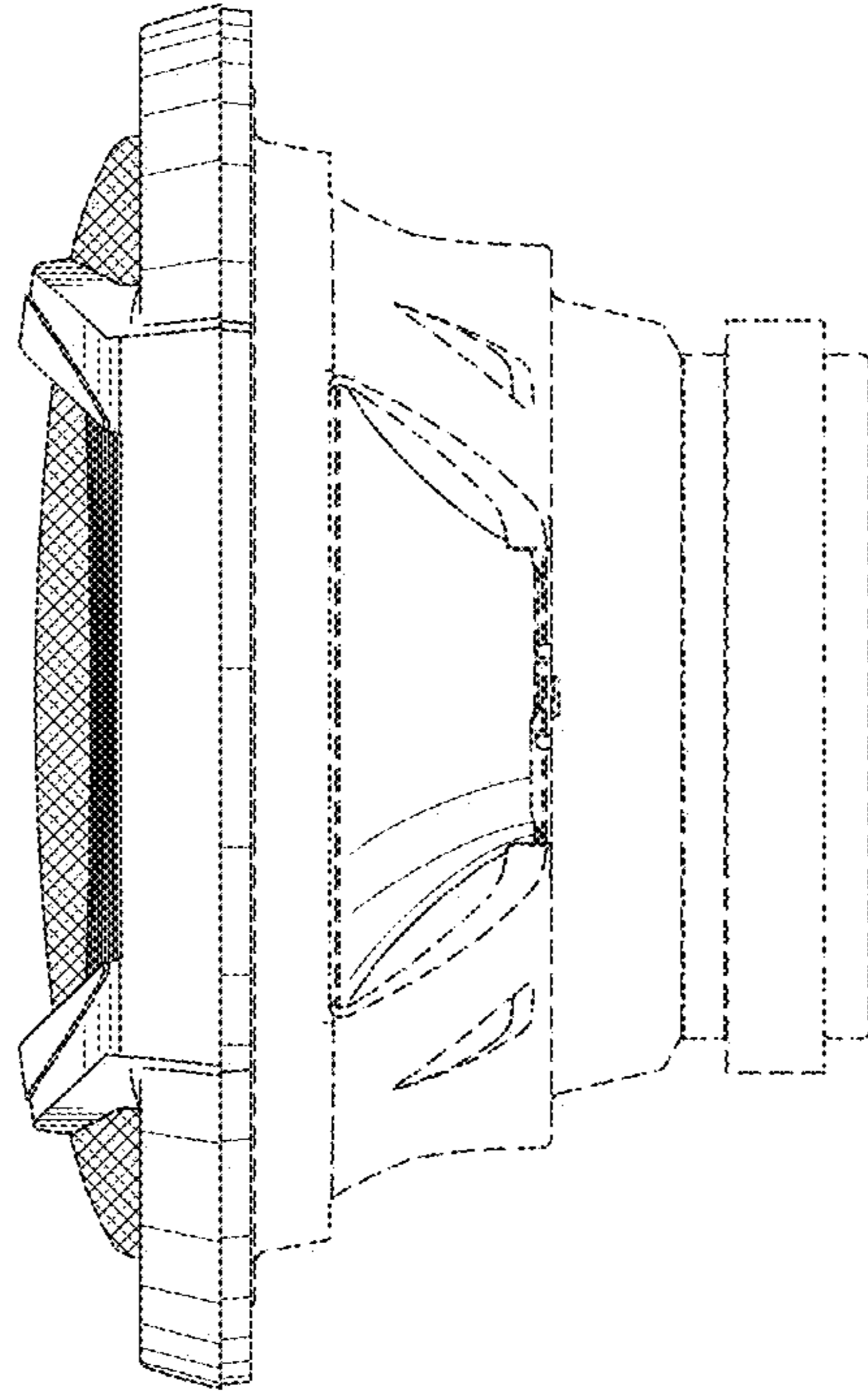


FIG. 4

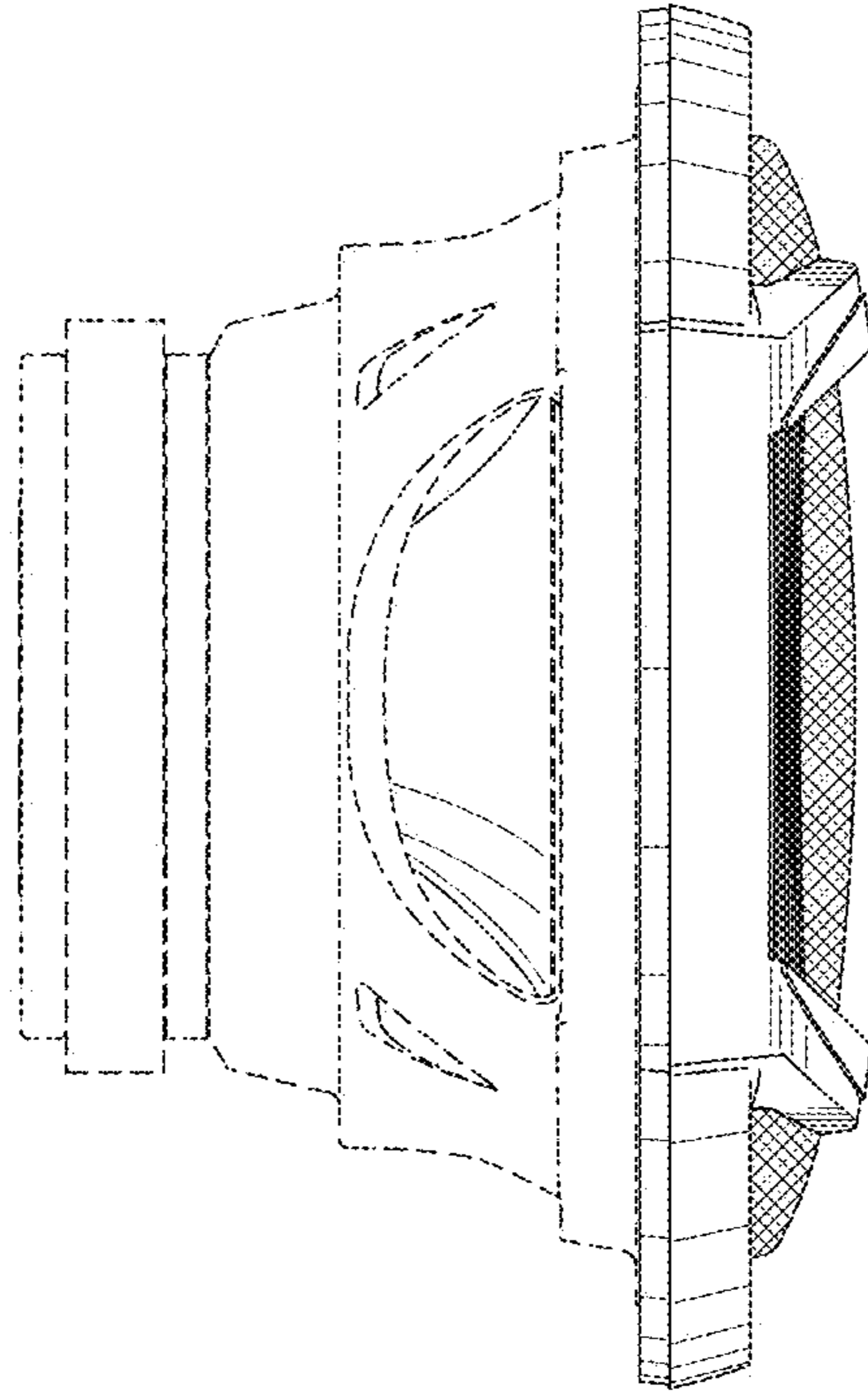


FIG. 5

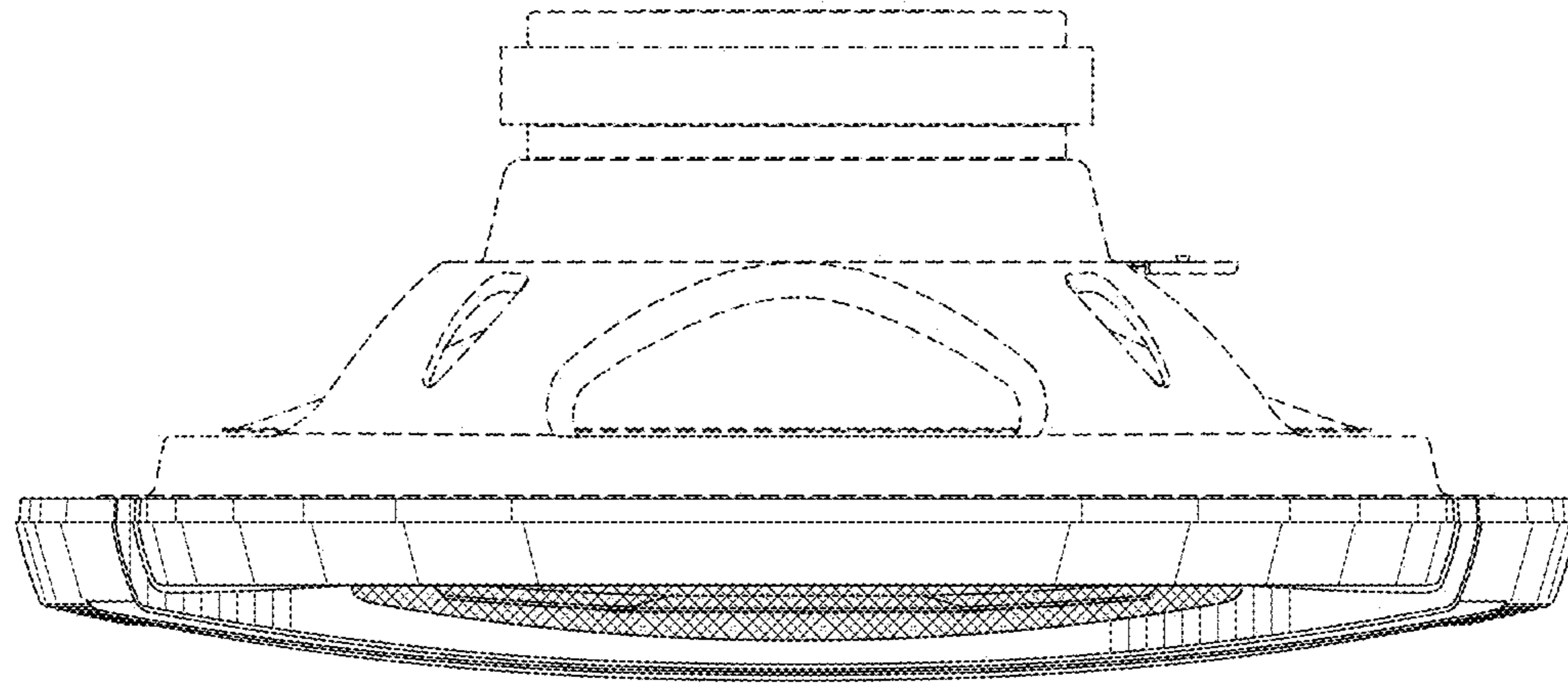


FIG. 6

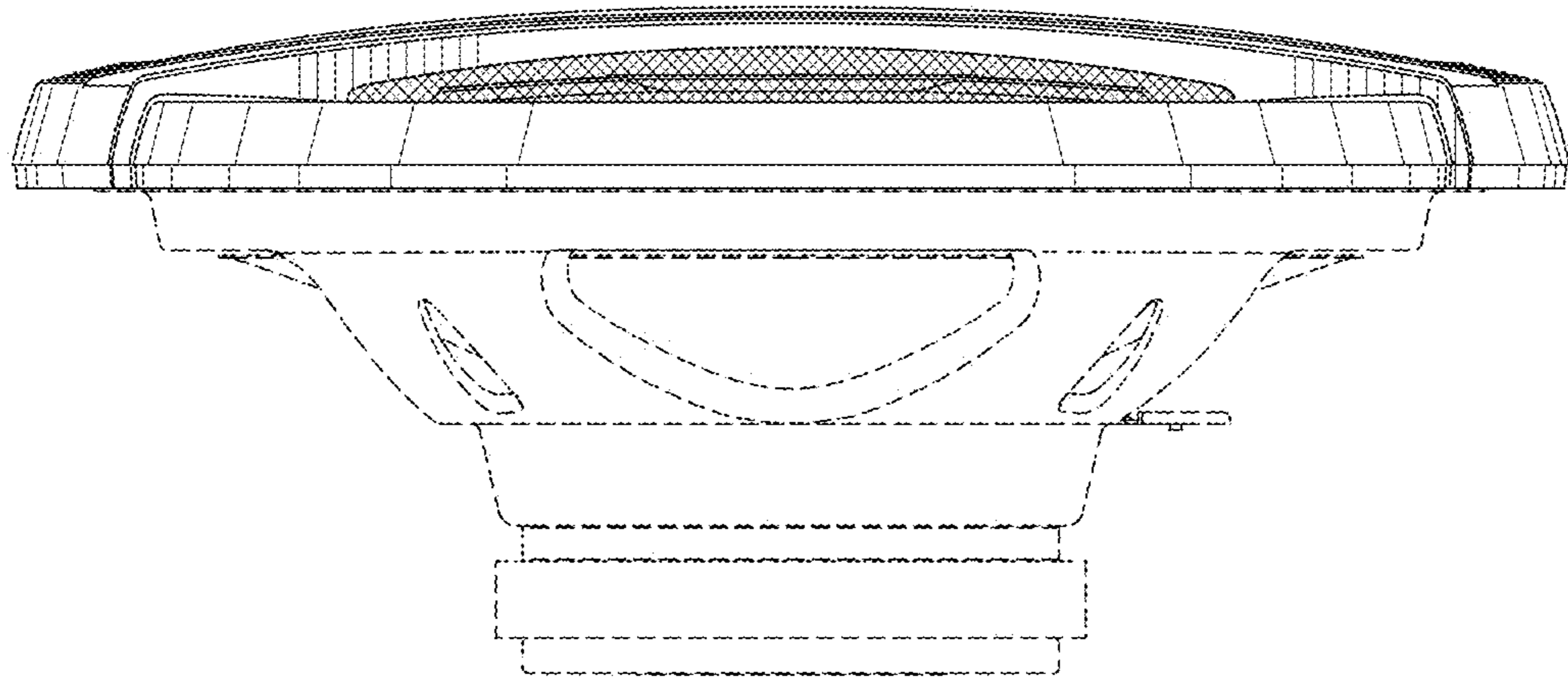


FIG. 7

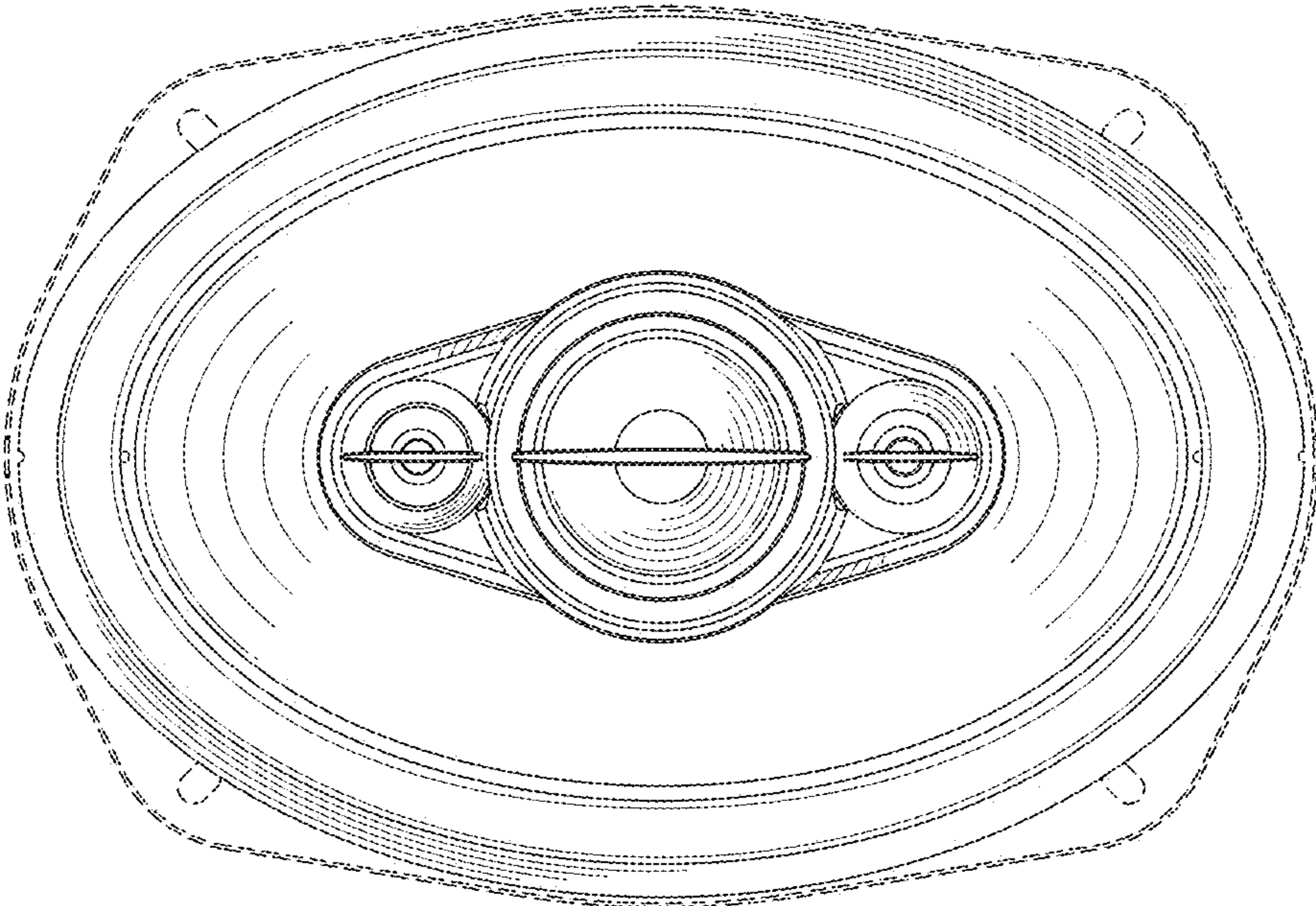


FIG. 8