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(12) **United States Design Patent** (10) **Patent No.:** **US D848,506 S**
Hsu et al. (45) **Date of Patent:** **** May 14, 2019**

(54) **PANORAMIC VIRTUAL REALITY CAMERA**
(71) Applicant: **Facebook, Inc.**, Menlo Park, CA (US)
(72) Inventors: **Joyce Hsu**, Oakland, CA (US); **Jussi Antero Timonen**, Burbank, CA (US); **James Gilbert Ammon**, San Jose, CA (US); **Oscar Karlsson**, Stockholm (SE); **Casper Asmussen**, Malmö (SE); **Felix Antoine**, Stockholm (SE)

7,463,280 B2 12/2008 Stuart, III
D700,232 S * 2/2014 Ramsay D16/207
D723,604 S * 3/2015 Mohan D16/203
D733,208 S 6/2015 Tzarnotzky et al.
D741,932 S 10/2015 Huang et al.
D742,955 S * 11/2015 Kozko D16/207
D745,076 S * 12/2015 Pfeil D16/207
D750,147 S * 2/2016 Muller D16/203
D757,835 S * 5/2016 Tabuchi D16/203
D768,750 S * 10/2016 Pfeil D16/207
D792,496 S * 7/2017 Meyer D16/207
2011/0128349 A1* 6/2011 Theobald H04N 5/23238
348/36

(73) Assignee: **Facebook, Inc.**, Menlo Park, CA (US)
(**) Term: **15 Years**

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(51) **LOC (11) Cl.** **16-01**

(52) **U.S. Cl.**
USPC **D16/210**

(58) **Field of Classification Search**
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348/14.01-14.06, 143, 148, 151,
348/373-376; 396/419, 427, 535,
396/539-541; 248/176.1, 187.1, 346.5;
224/908

CPC G03B 17/02; G03B 19/04; G03B 17/56;
G03B 17/04; G03B 15/03; H04N 5/2251;
H04N 5/2252; H04N 5/2253; H04N
5/2254; H04N 2007/145; H04N 7/141;
H04N 7/142; H04N 7/147; H04N 7/148;
H04N 7/15; H04N 7/152

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,916,097 A 10/1975 Imai
D493,479 S * 7/2004 Yoshikawa D16/202
D496,676 S * 9/2004 Yoshikawa D16/202
D527,406 S * 8/2006 Lin D16/202

OTHER PUBLICATIONS

GoPro Odyssey, six pages, [online] [retrieved Jun. 22, 2016],
Retrieved from the internet <<https://gopro.com/odyssey>>.

(Continued)

Primary Examiner — Ramzi S Almatrahi
(74) *Attorney, Agent, or Firm* — Fenwick & West LLP

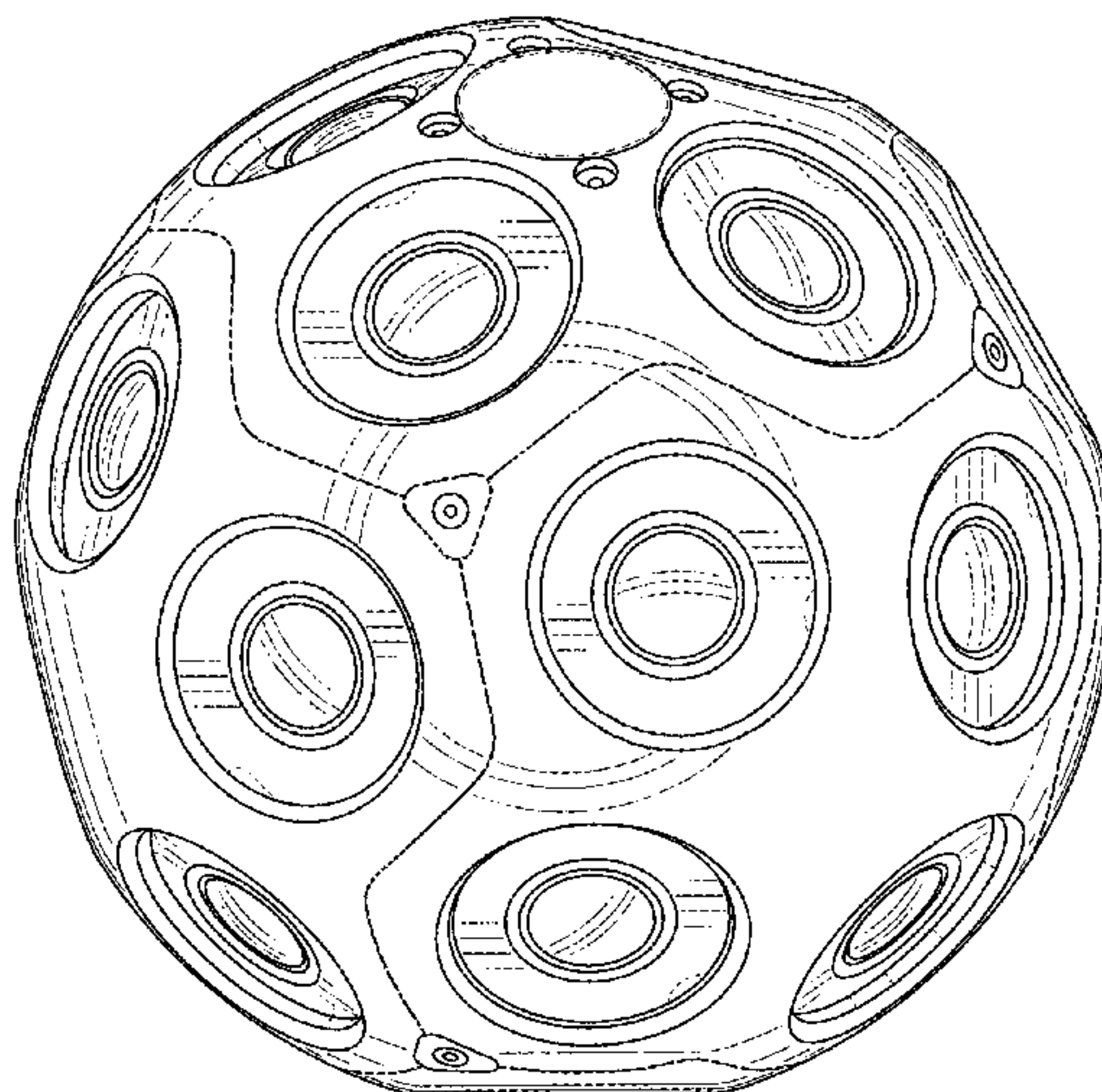
(57) **CLAIM**

We claim the ornamental design for a panoramic virtual reality camera, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of an embodiment of a panoramic virtual reality camera.
FIG. 2 is a top view thereof.
FIG. 3 is a bottom view thereof.
FIG. 4 is a first side view thereof.
FIG. 5 is a second side view thereof.
FIG. 6 is a third side view thereof; and,
FIG. 7 is a fourth side view thereof.
The broken lines depict portions of the panoramic virtual reality camera in which the design is embodied that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2013/0258102 A1* 10/2013 Chen G03B 17/02
348/143

OTHER PUBLICATIONS

Jump—Google VR, five pages, [online] [retrieved Jun. 22, 2016], Retrieved from the internet <<https://vr.google.com/jump/>>.

Lee, Nicole, “Samsung unveils Project Beyond, a 3D-capturing camera for Gear VR,” engadget, Nov. 12, 2014, two pages, [online] [retrieved Jun. 22, 2016], Retrieved from the internet <<https://www.engadget.com/2014/11/12/samsung-project-beyond/>>.

Lytro Immerge, six pages, [online] [retrieved Jun. 22, 2016], Retrieved from the internet <<https://www.lytro.com/immerge#immergeDetails>>.

Nokia Ozo: Virtual Reality Camera with 360degree audio and video capture, six pages, [online] [retrieved Jun. 22, 2016], Retrieved from the internet <<https://ozo.nokia.com/>>.

Technology—Jaunt, four pages, [online] [retrieved Jun. 22, 2016], Retrieved from the internet <<https://www.jauntvr.com/technology/>>.

* cited by examiner

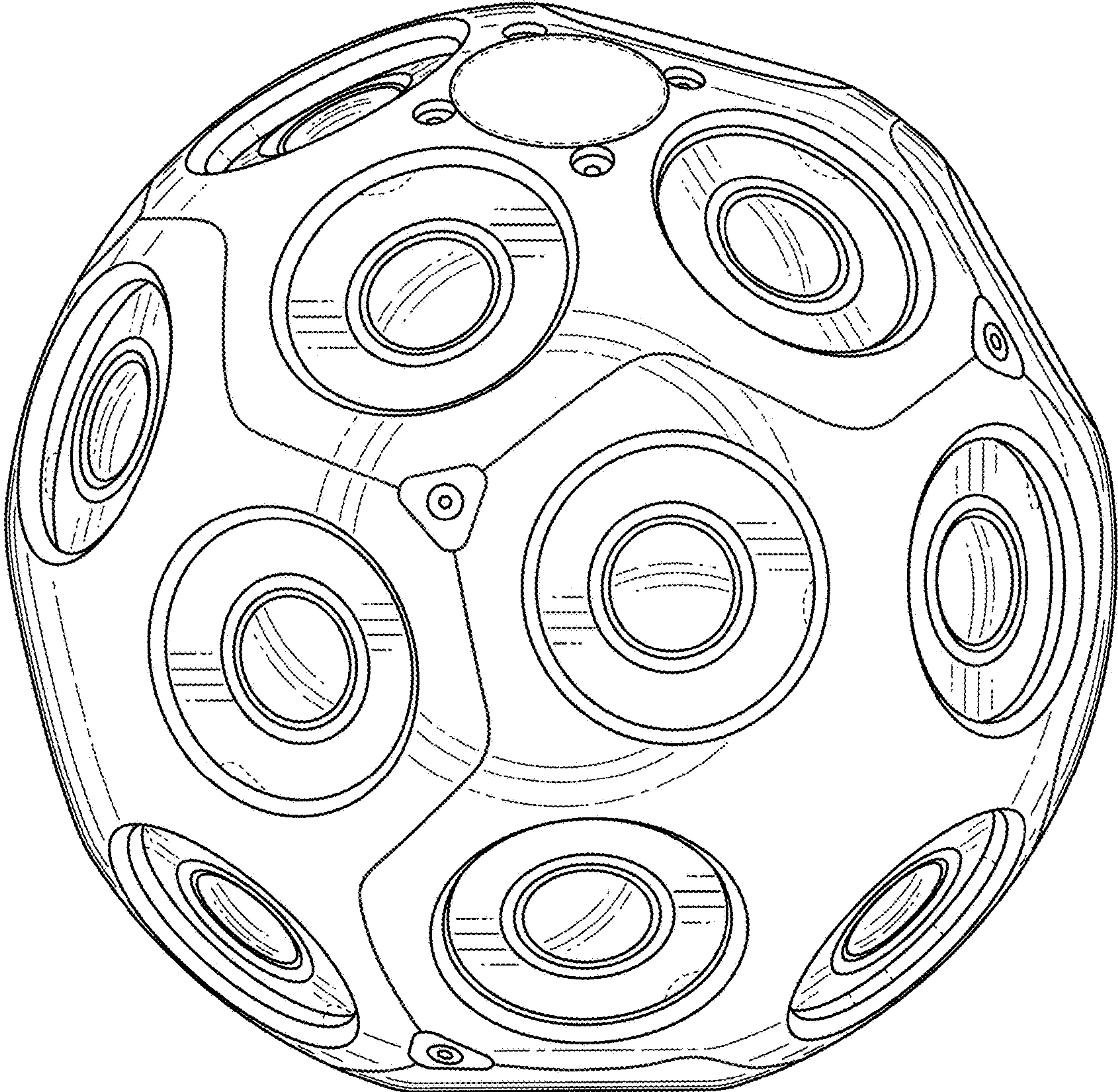


FIG. 1

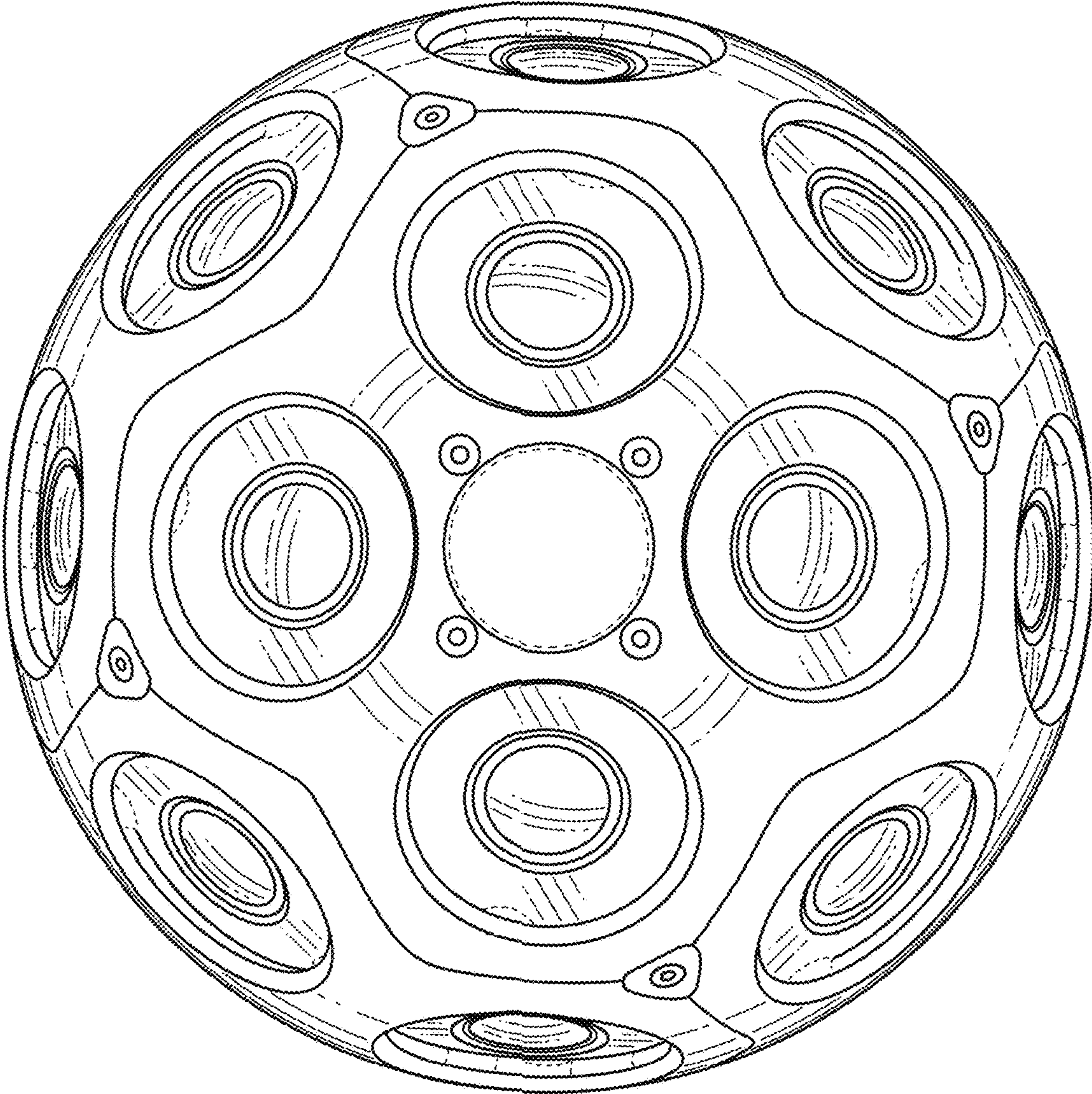


FIG. 2

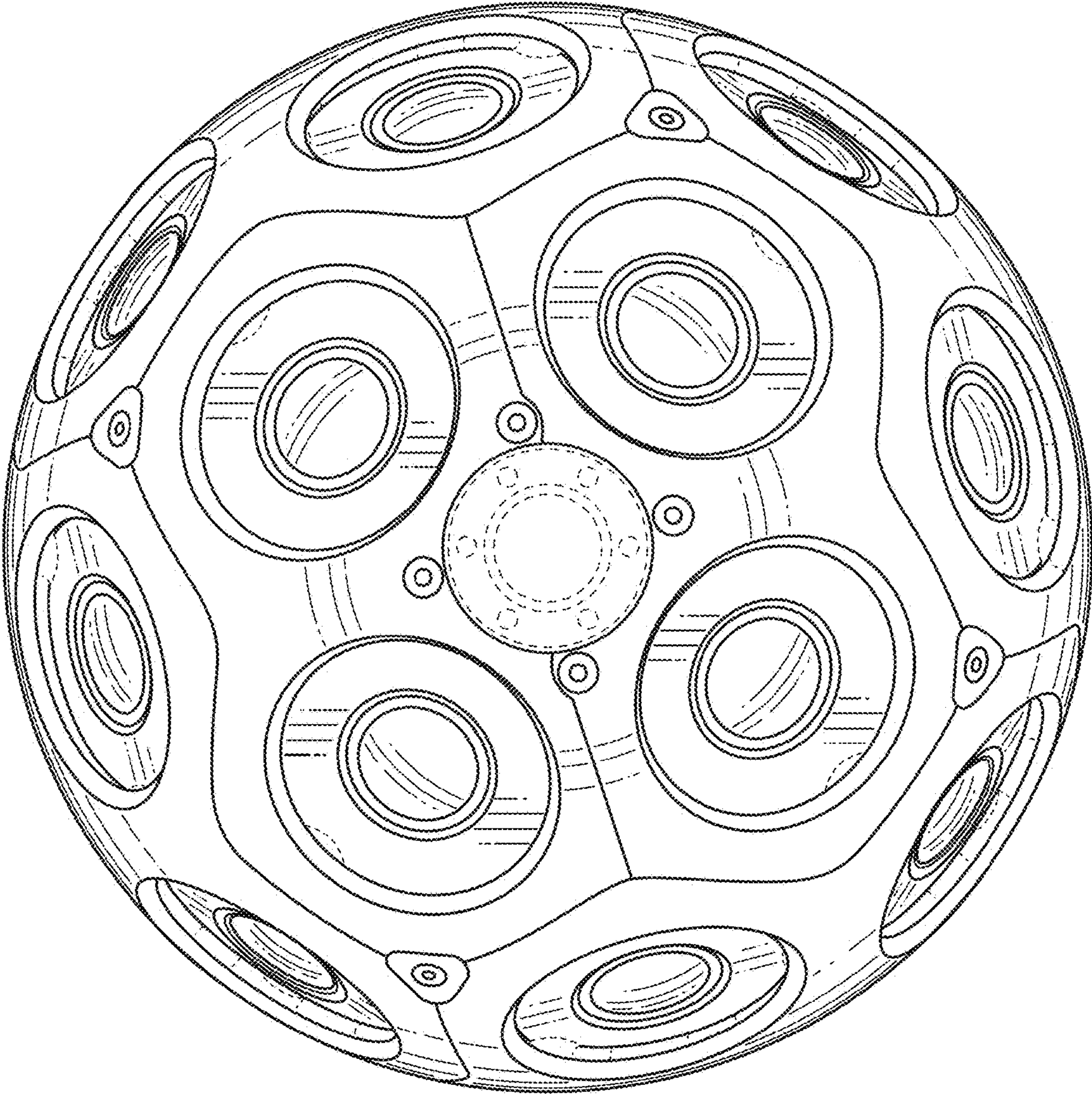


FIG. 3

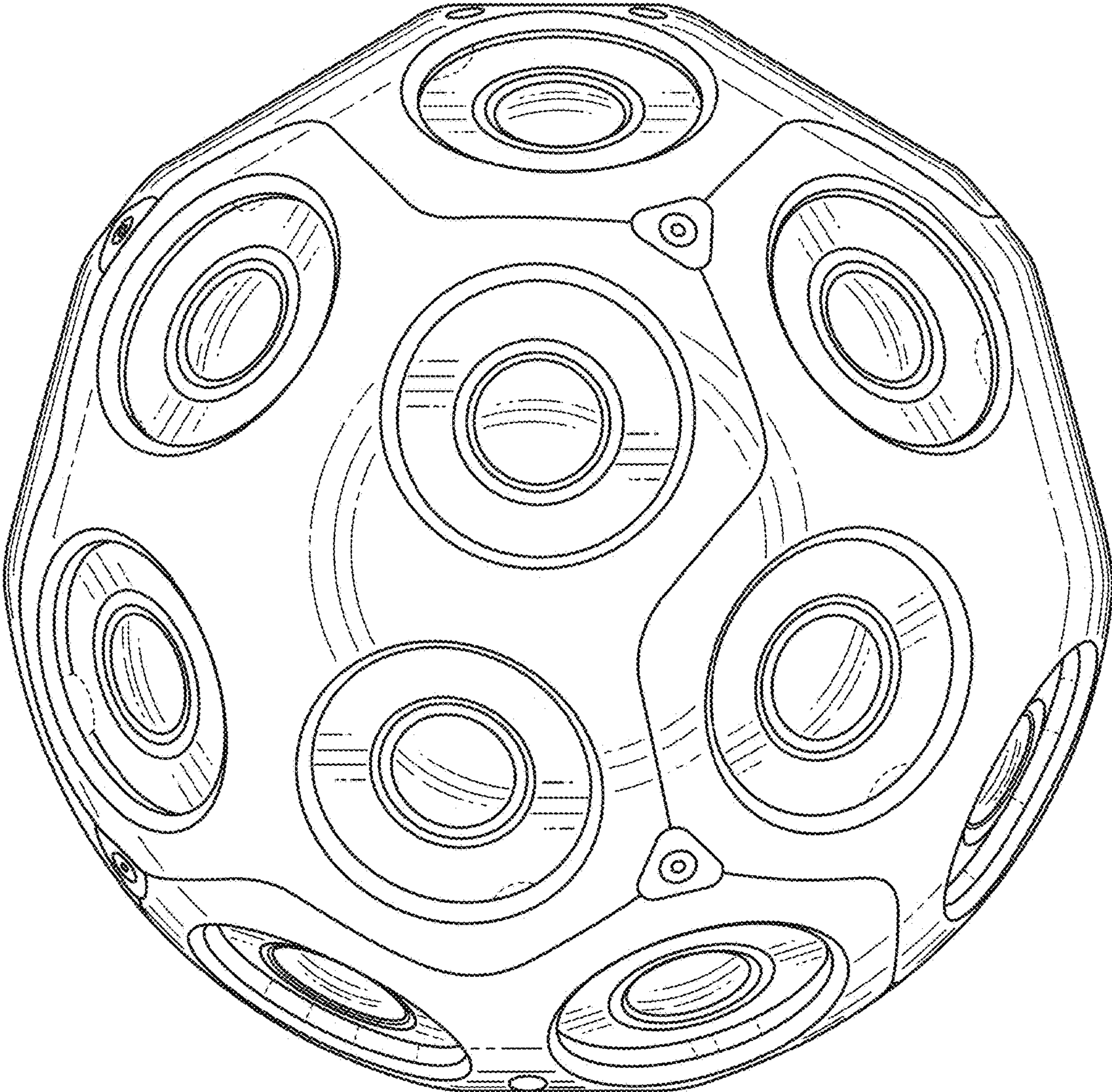


FIG. 4

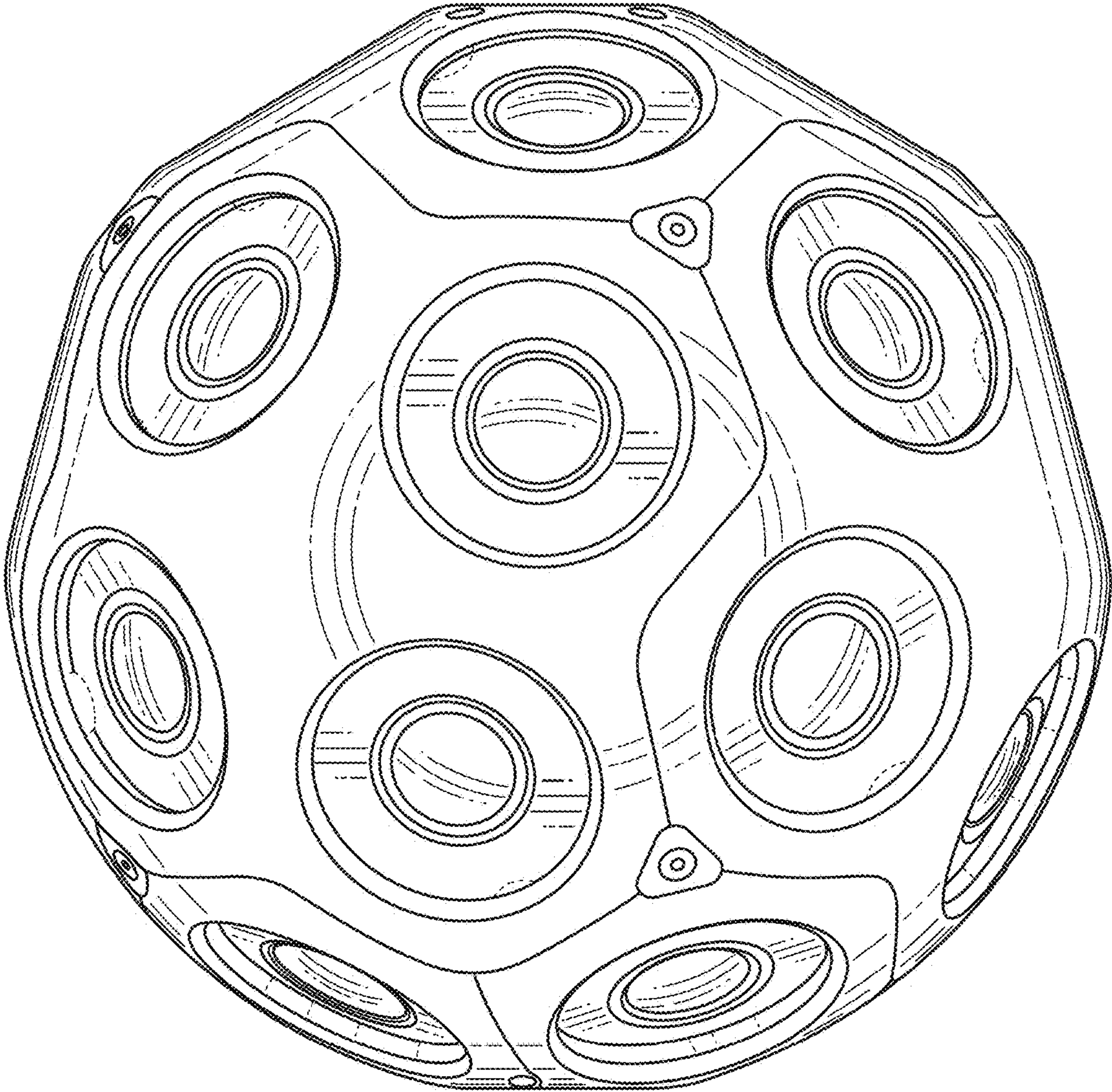


FIG. 5

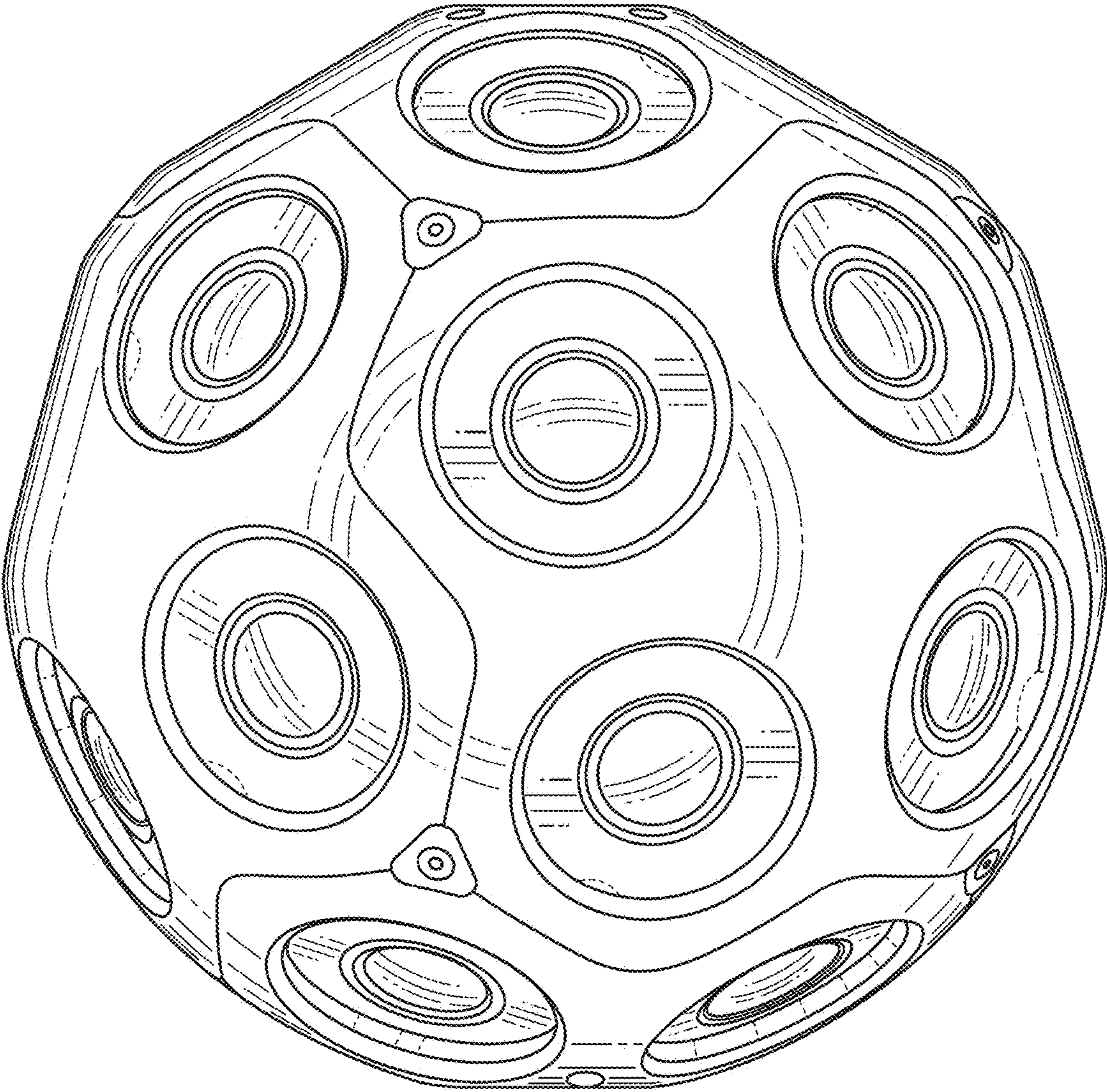


FIG. 6

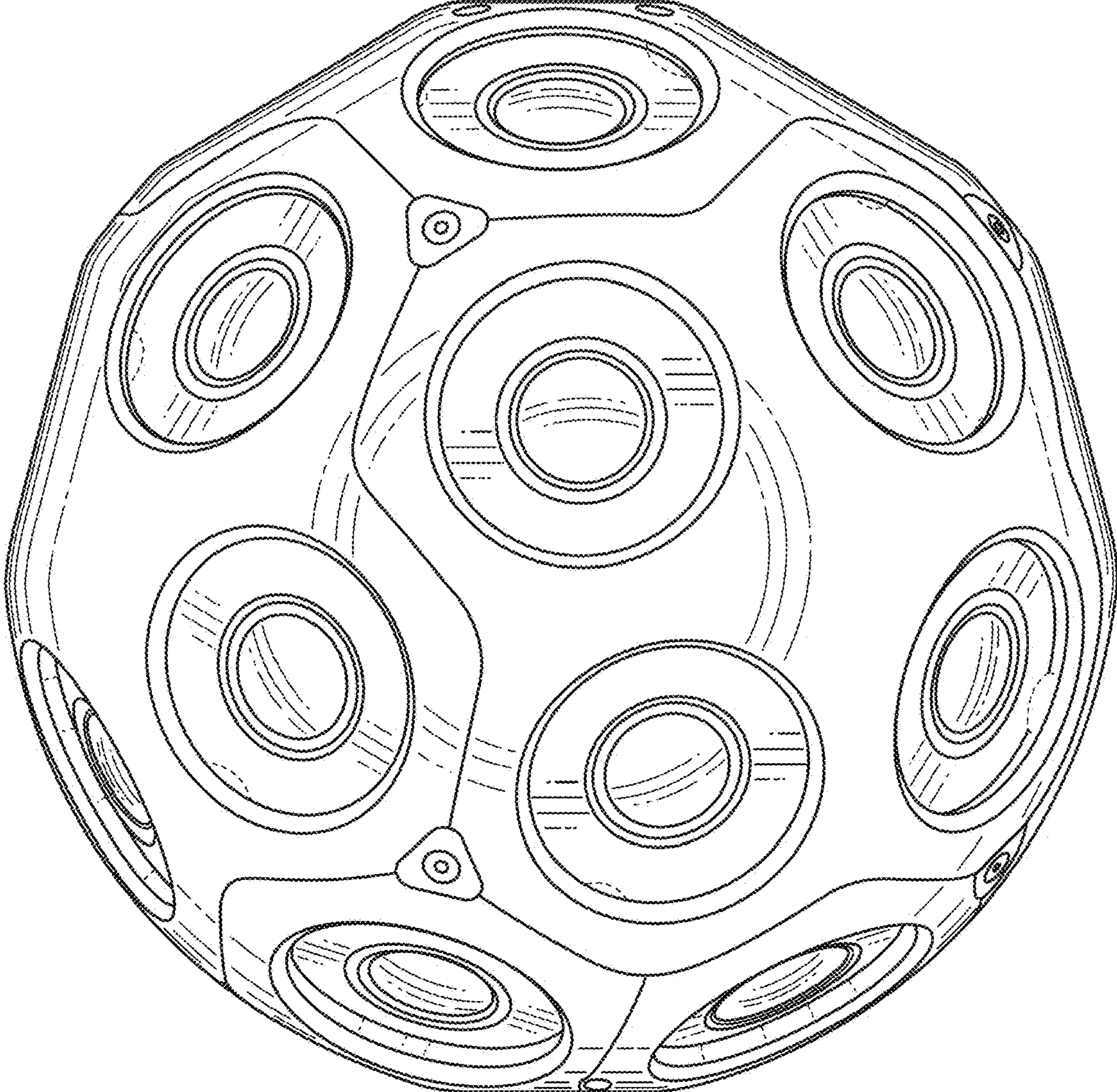


FIG. 7