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(12) **United States Design Patent** (10) **Patent No.:** **US D951,429 S**
Zhang (45) **Date of Patent:** **** May 10, 2022**

(54) **BREAST MILK COLLECTOR**

FOREIGN PATENT DOCUMENTS

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CA 169899 3/2017
CN 303635969 * 4/2016

(Continued)

(72) Inventor: **Shu Ting Zhang**, Hubei (CN)

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OTHER PUBLICATIONS

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

[Haakaa Breast Shells Nursing Cup Silicone Breast Milk Collector Milk Savers for Breastfeeding Nipple Shells Protect Sore Nipples Extra-Soft and Reusable, 1-Pack], Amazon.ca, Date First Available: Mar. 6, 2020 [online], Customer Review Oldest Date: Mar. 5, 2020 [online], site visited: [Dec. 22, 2021], URL: <https://www.amazon.ca/Silicone-Collector-Breastfeeding-Extra-Soft-Reusable/dp/B081JR6SFZ>. (Year: 2020).*

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/109**

(58) **Field of Classification Search**
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D13/168; D14/203.2-203.8; 604/74-76,
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CPC A61M 1/00; A61M 1/06; A61M 1/062;
A61M 1/064; A61M 1/066; A61M 1/067;
A61M 1/069; A61M 1/80; A61M 1/82;
A61J 9/00; A61J 13/00; A61J 2200/50;
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See application file for complete search history.

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(56) **References Cited**

U.S. PATENT DOCUMENTS

D234,642 S * 3/1975 Lee D24/109
D236,880 S * 9/1975 Sway D9/525
D246,729 S 12/1977 Murphy
4,270,538 A * 6/1981 Murphy A61M 1/064
450/37
5,149,336 A * 9/1992 Clarke A61F 13/141
604/358

(Continued)

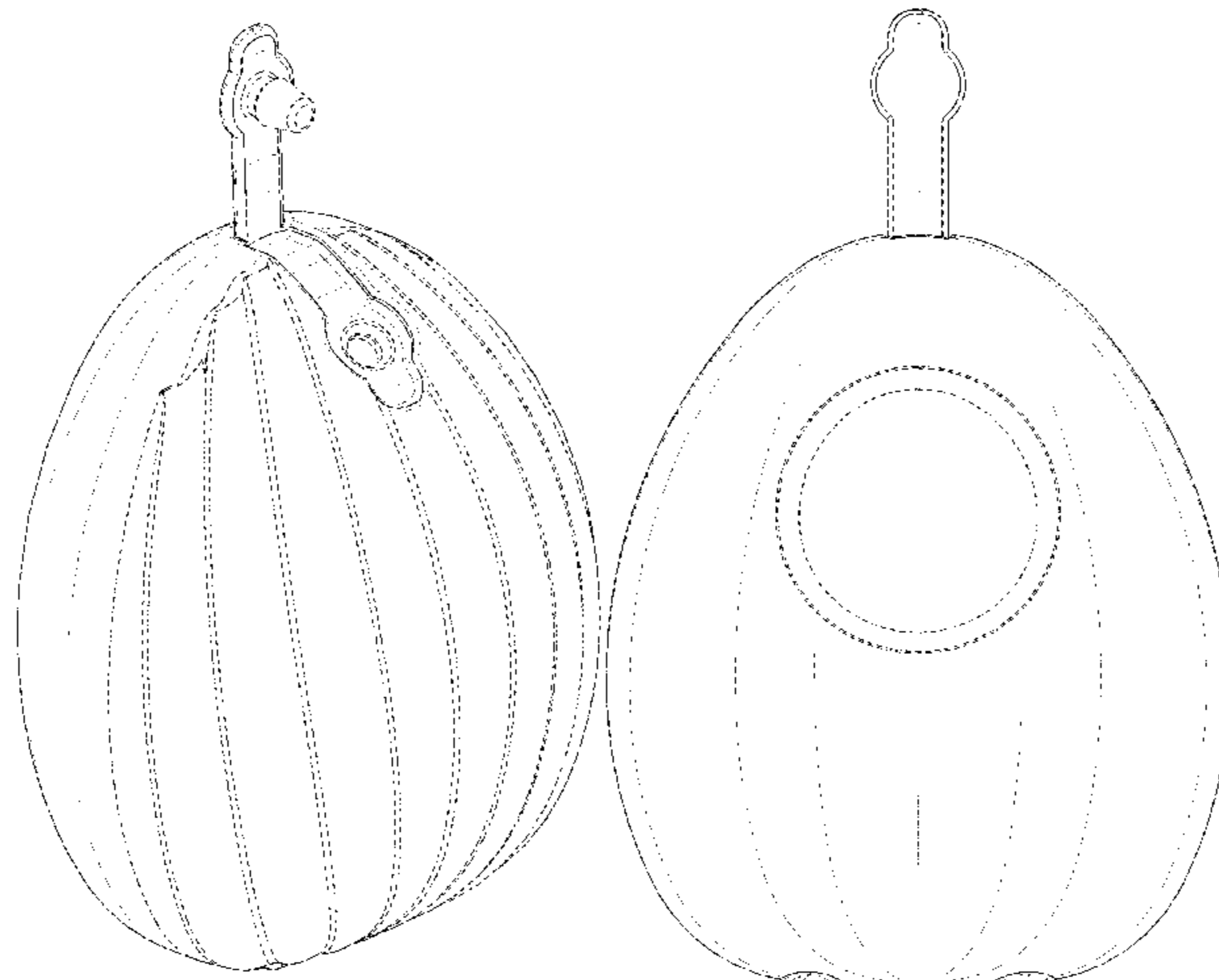
(57) **CLAIM**

The ornamental design for a breast milk collector, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a breast milk collector showing my new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a left elevation view thereof;
FIG. 6 is a right elevation view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken lines shown in the figures depict portions of the breast milk collector that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



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(56)

References Cited

U.S. PATENT DOCUMENTS

D495,665 S * 9/2004 Stekelenburg D13/168
D544,956 S * 6/2007 Collins D24/110
D564,665 S * 3/2008 Kim D24/193
D585,745 S * 2/2009 Honkawa D9/500
D595,670 S * 7/2009 Glassman D13/168
7,662,018 B1 * 2/2010 Thompson A61J 13/00
450/37
D640,558 S * 6/2011 Semersky D9/500
D657,252 S * 4/2012 Crapser D9/504
D669,232 S * 10/2012 Chung D30/152
D673,283 S * 12/2012 Mitchell D24/197
D674,103 S * 1/2013 Smith D24/197
D702,556 S * 4/2014 Quasters D9/519
D721,585 S * 1/2015 Gonzalez Rodriguez
A61M 1/064
D9/500
D788,586 S * 6/2017 Molinari D9/504
D800,702 S * 10/2017 Muller D14/218
D818,119 S * 5/2018 Schoeller D24/121
D832,995 S * 11/2018 Mason A61J 11/008
D24/109
D862,425 S * 10/2019 Yan D14/223
D864,725 S * 10/2019 Staab D9/556

D877,090 S * 3/2020 Lu D13/168
D896,952 S * 9/2020 Kerr D24/108
D936,823 S * 11/2021 Zhang D24/109
2006/0213855 A1 * 9/2006 Kraus A61J 11/008
215/11.1
2009/0156993 A1 * 6/2009 Callanan A61J 9/005
604/74
2017/0049978 A1 * 2/2017 Berg A61M 16/0084
2017/0072118 A1 * 3/2017 Makower A61M 1/062
2018/0008758 A1 * 1/2018 Garbez A61M 1/06
2018/0028411 A1 * 2/2018 Venezia A61J 11/0085
2018/0361040 A1 * 12/2018 O'Toole A61M 1/066
2021/0030934 A1 * 2/2021 Zhang A61M 1/06
2021/0038775 A1 * 2/2021 Locke A61M 1/74
2021/0060220 A1 * 3/2021 Chang A61M 1/06
2021/0322276 A1 * 10/2021 Piraud A61J 11/008
2021/0346579 A1 * 11/2021 Quarles A61M 1/064

FOREIGN PATENT DOCUMENTS

EM 000706197-0001 4/2007
EM 005245818-0001 4/2018
EM 005292703-0001 6/2018
EM 007145701-0003 * 8/2019

* cited by examiner

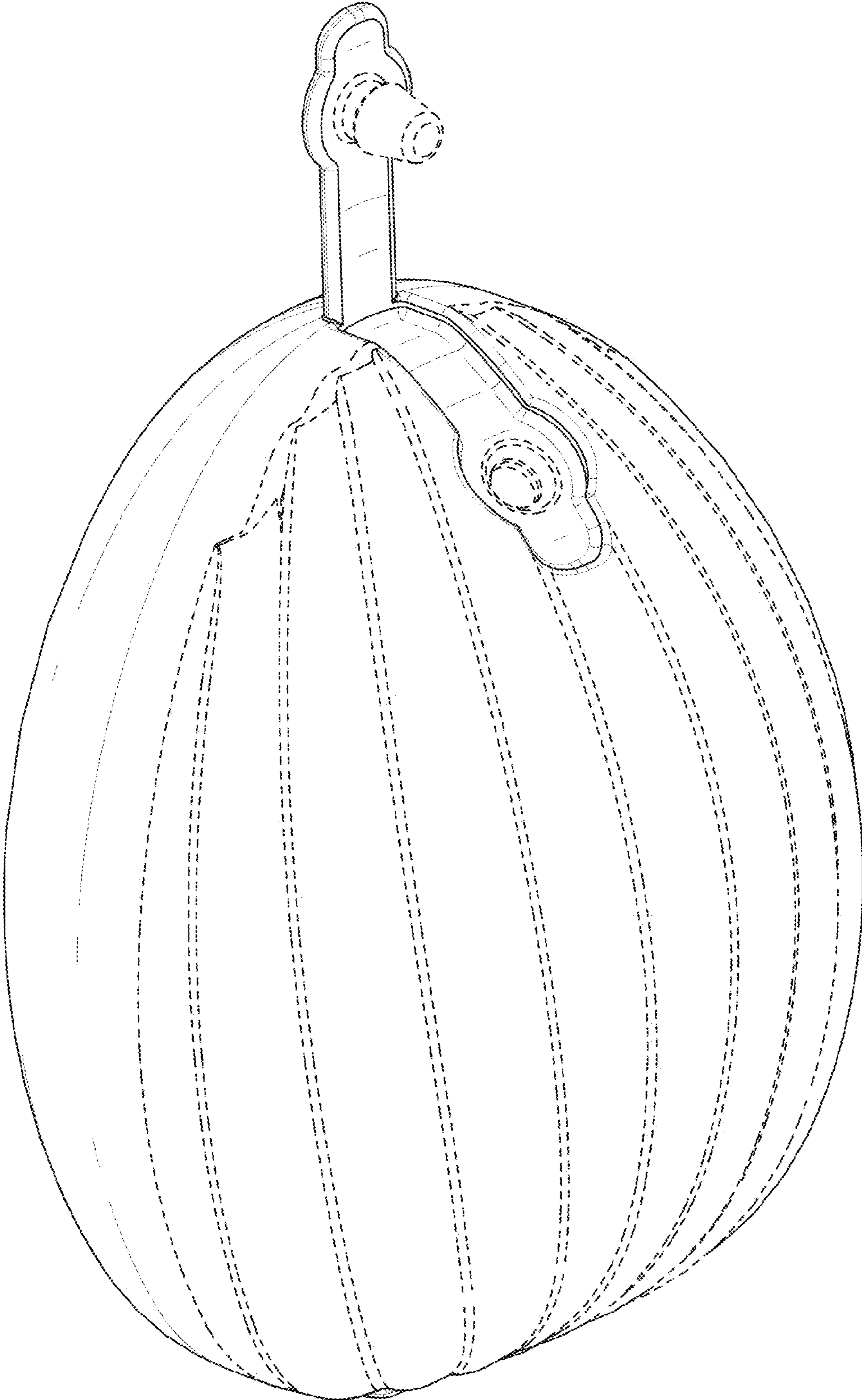


FIG.1

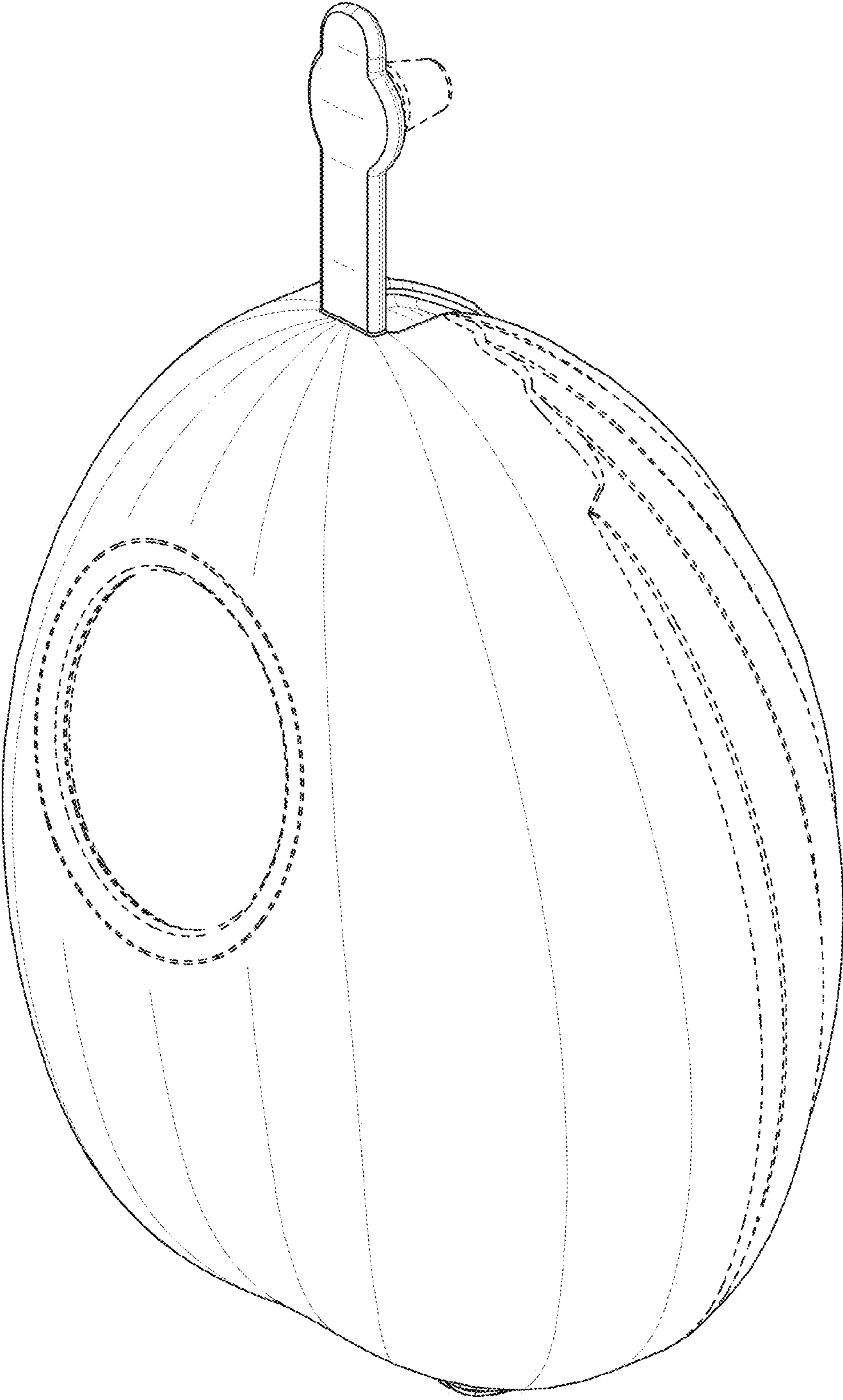


FIG.2

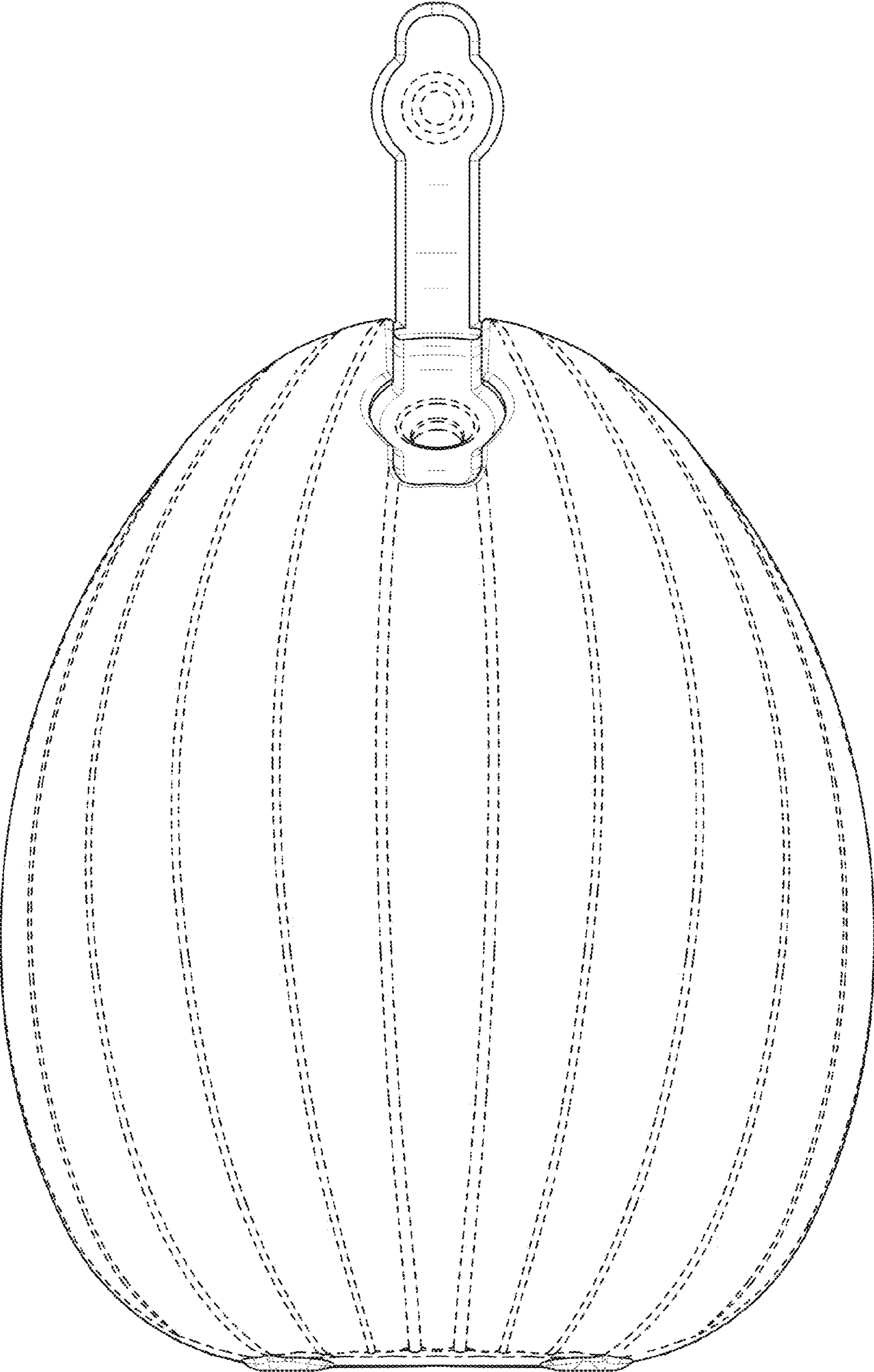


FIG.3

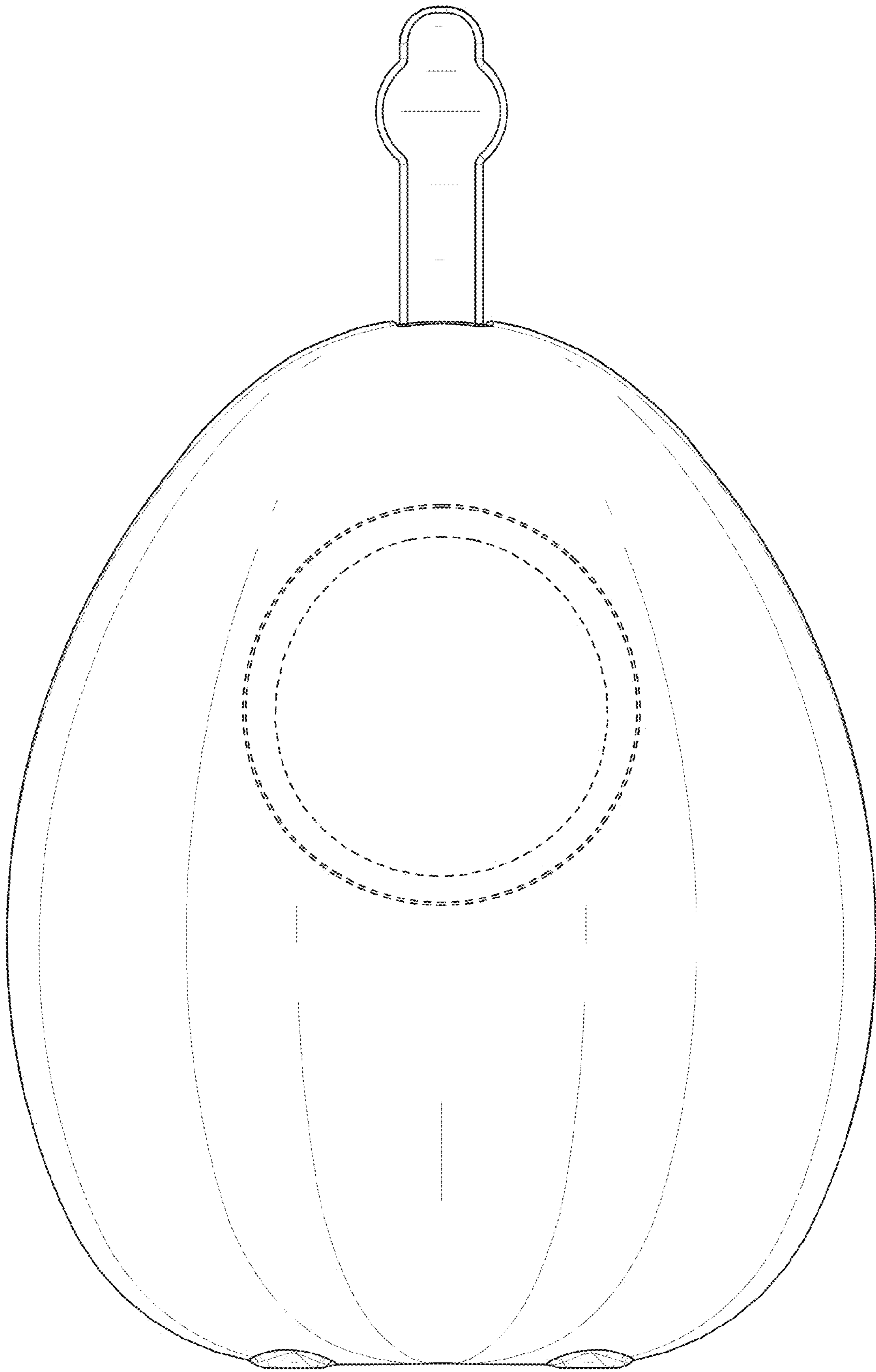


FIG.4

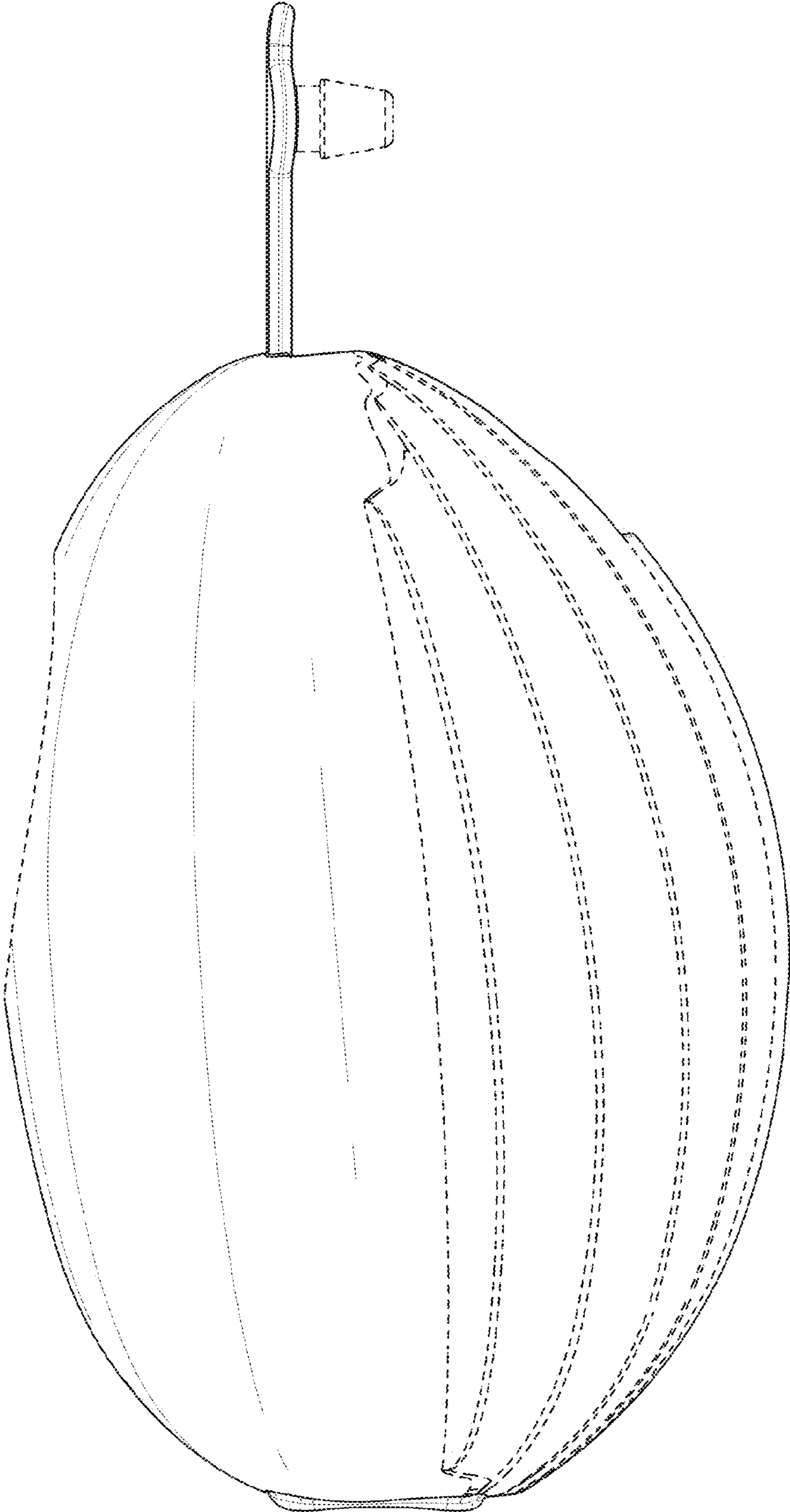


FIG.5

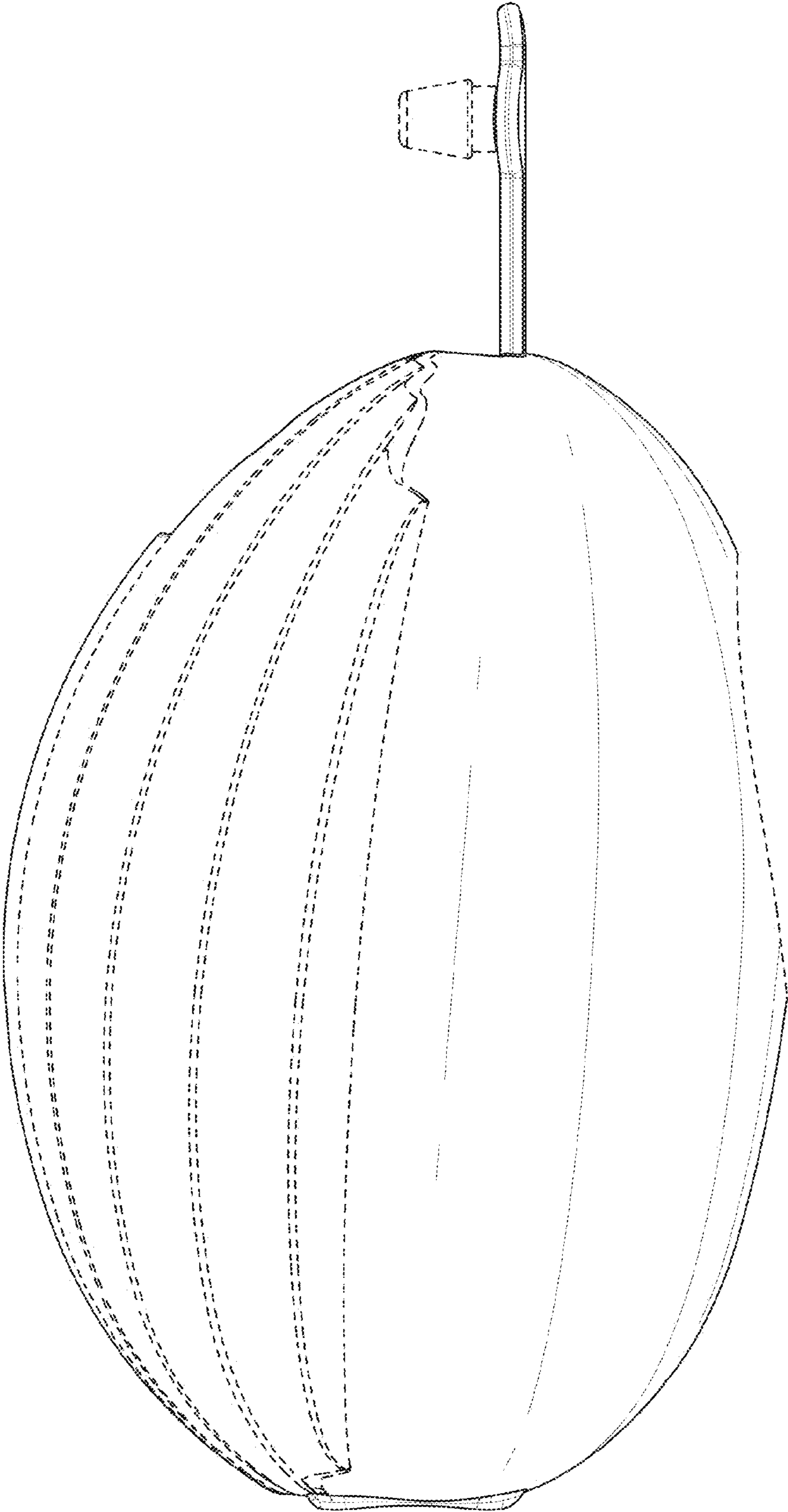


FIG.6

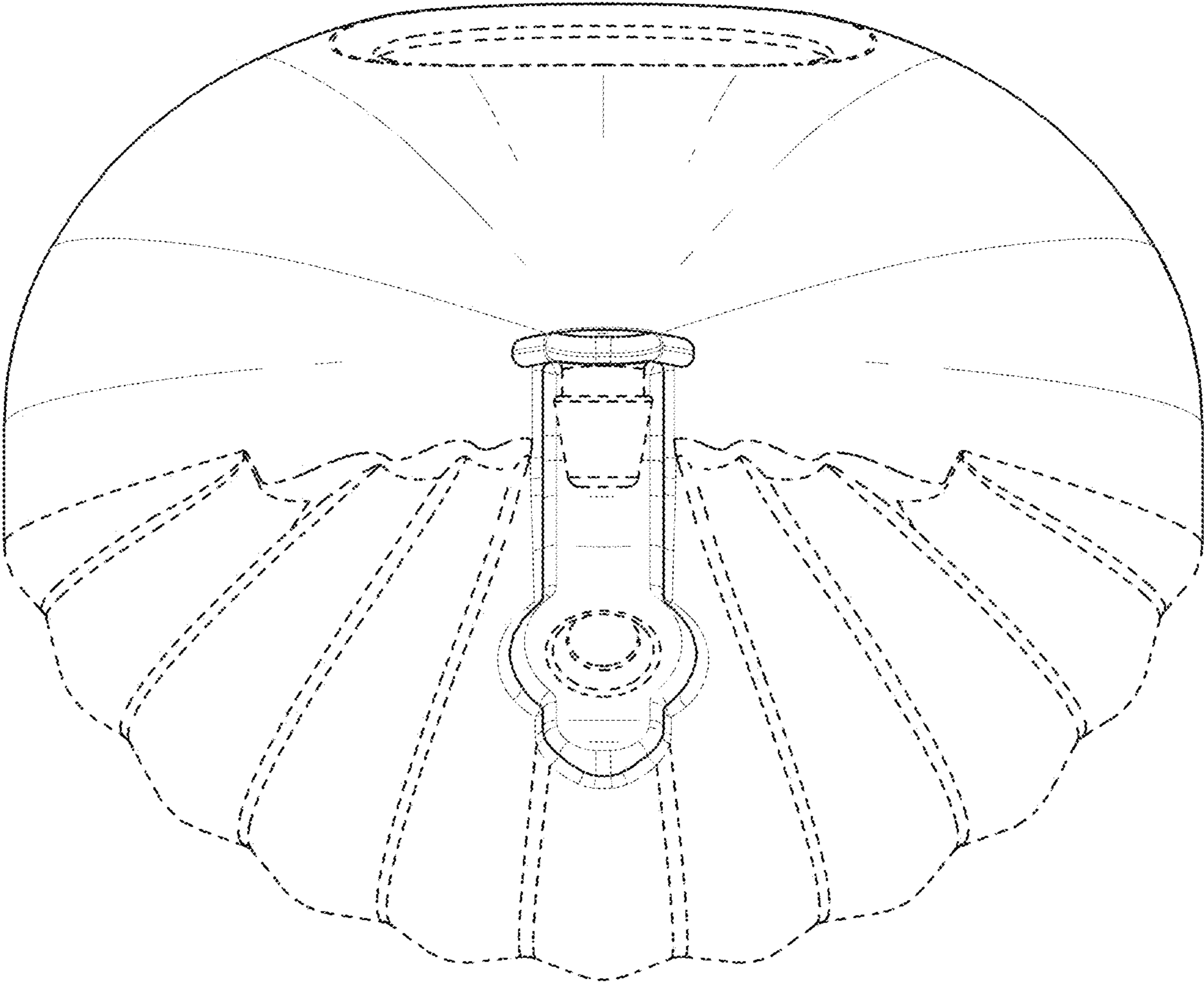


FIG.7

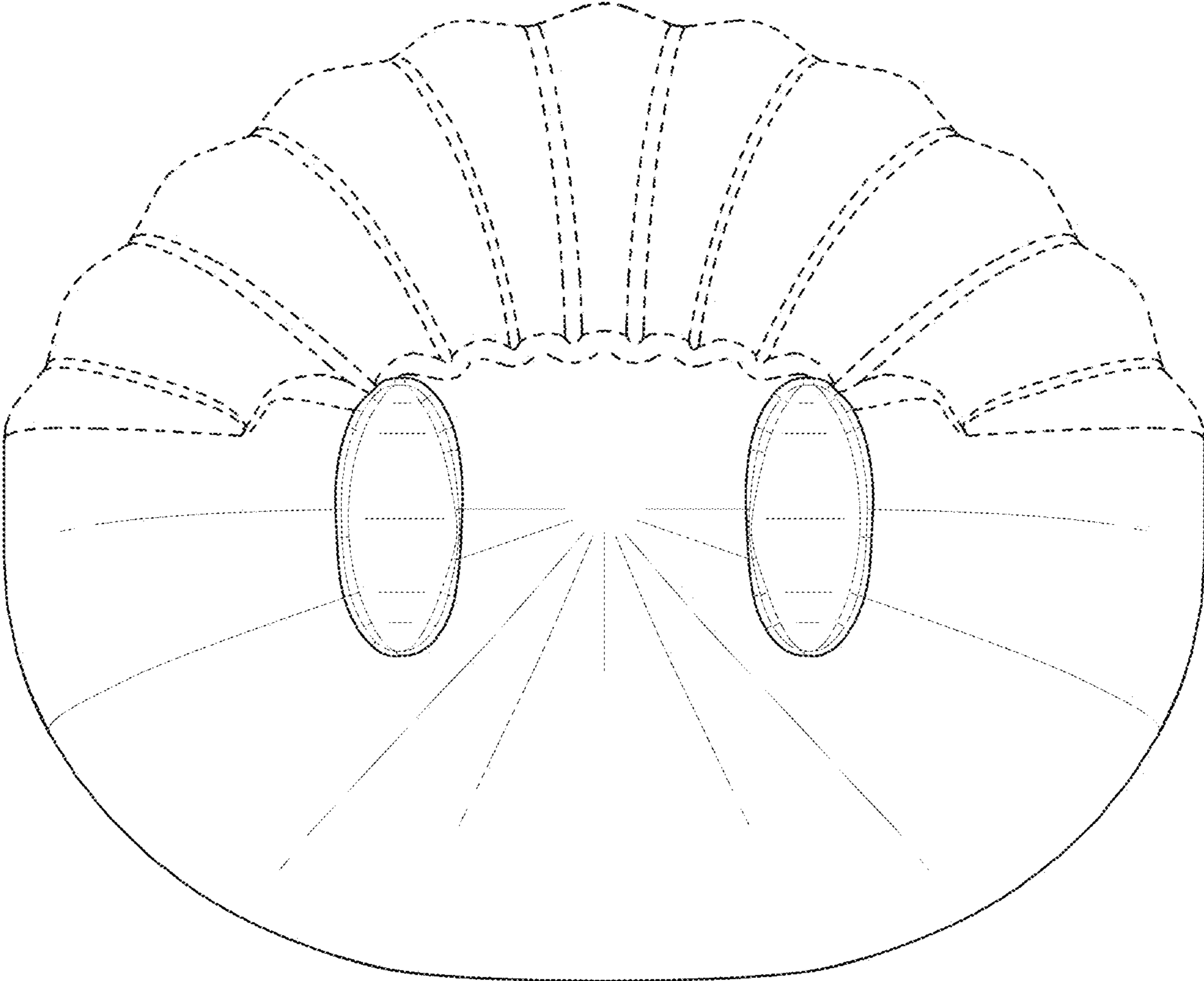


FIG.8