



US00D956018S

(12) **United States Design Patent** (10) **Patent No.:** **US D956,018 S**
Reimann et al. (45) **Date of Patent:** **** Jun. 28, 2022**

(54) **WIRELESS EARBUD**

(56) **References Cited**

(71) Applicant: **Google LLC**, Mountain View, CA (US)

U.S. PATENT DOCUMENTS

(72) Inventors: **Gina Reimann**, Los Gatos, CA (US);
Luke David Mastrangelo, San Francisco, CA (US); **Maj Isabelle Olsson**, Sunnyvale, CA (US); **Idil Girard**, Santa Clara, CA (US); **Peter Michael Cazalet**, Los Gatos, CA (US); **Benjamin Caleb Carroll**, San Francisco, CA (US); **Troy Edwards**, Los Gatos, CA (US); **Maura Aranguren**, Sunnyvale, CA (US); **Eric Dayringer**, Sunnyvale, CA (US); **Sandeep Singh Waraich**, Mountain View, CA (US); **Shameem Hameed**, San Jose, CA (US)

D777,149 S	1/2017	Bonahoom et al.	
D805,060 S	12/2017	Loermann et al.	
D826,211 S	8/2018	Kim	
10,149,037 B1 *	12/2018	Chen	H04R 1/105
D838,259 S	1/2019	Samrelius	
D843,353 S	3/2019	Zhang	
D856,523 S	8/2019	Green et al.	
D867,326 S	11/2019	Sweet et al.	
D870,710 S	12/2019	Cai	
D871,376 S	12/2019	Zhou	
D872,065 S	1/2020	Cai	
D875,071 S	2/2020	Wei et al.	
D876,398 S	2/2020	Cai	
D892,085 S	8/2020	Kim	
D894,158 S	8/2020	Gu	
D897,321 S	9/2020	Wei	
D900,064 S	10/2020	Laffon de Mazieres et al.	
D902,186 S	11/2020	Sun et al.	
D902,892 S	11/2020	Liu	
10,827,249 B1	11/2020	Pine et al.	
D904,349 S	12/2020	Saxton et al.	
D909,998 S	2/2021	Du	
D914,650 S *	3/2021	Hu	D14/223
D916,054 S	4/2021	Sretovic	
D922,357 S *	6/2021	Yang	D14/223
D922,358 S	6/2021	Li	
D924,850 S	7/2021	Takubo et al.	
D925,493 S *	7/2021	Kirkpatrick	D14/223
D929,966 S *	9/2021	Arimoto	D14/223
D942,423 S *	2/2022	Reimann	D14/223
D945,400 S *	3/2022	Tian	D14/223
D948,481 S *	4/2022	Czaniecki	D14/223
2017/0318369 A1 *	11/2017	Wang	H04R 1/1066
2021/0076131 A1 *	3/2021	Minich	G10K 11/1783

(73) Assignee: **GOOGLE LLC**, Mountain View, CA (US)

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

(21) Appl. No.: **29/821,020**

(22) Filed: **Dec. 27, 2021**

Related U.S. Application Data

(62) Division of application No. 29/709,173, filed on Oct. 11, 2019, now Pat. No. Des. 942,423.

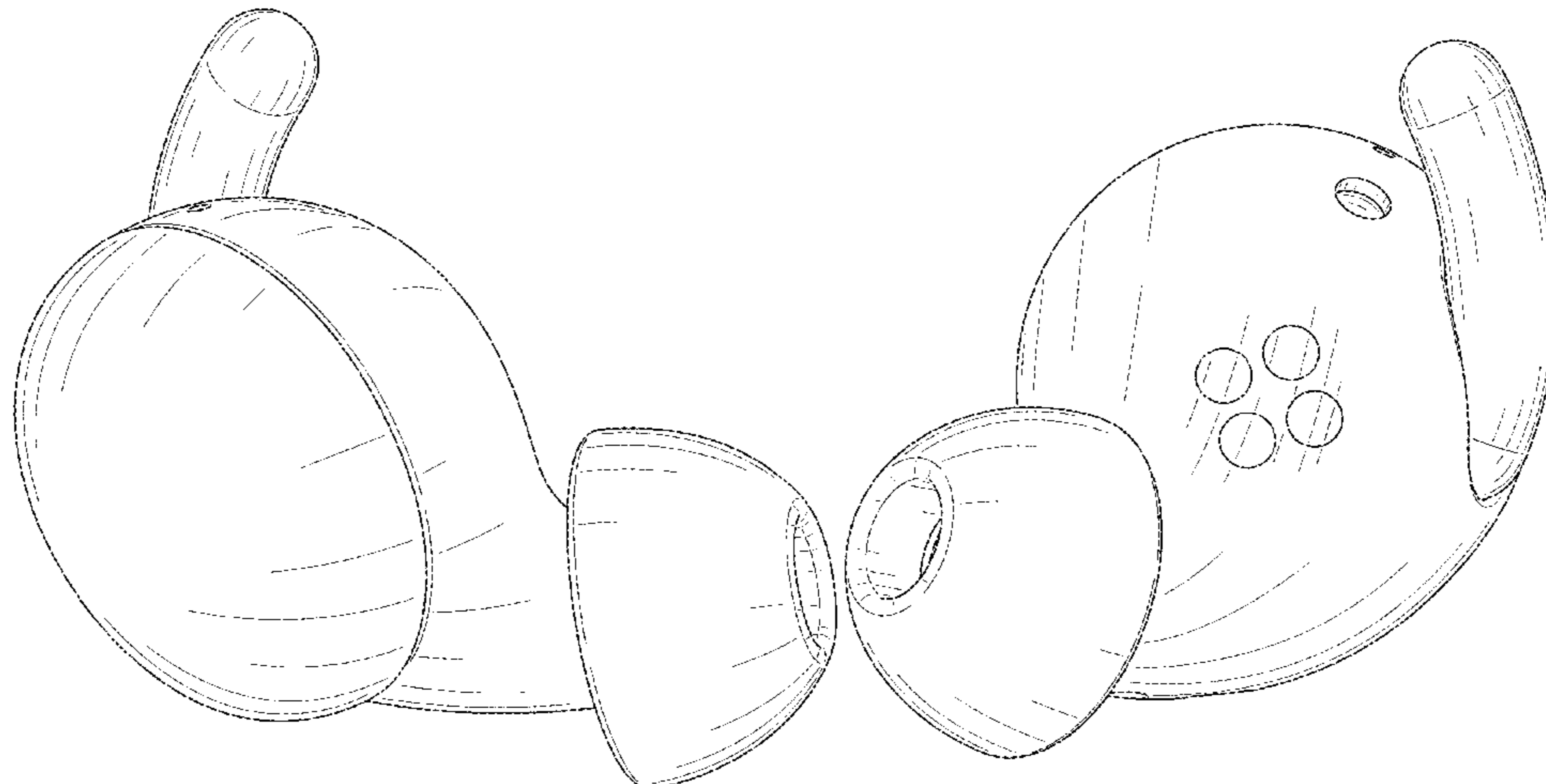
(51) **LOC (13) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/223**

(58) **Field of Classification Search**
USPC ... D14/205, 207, 217, 221, 223, 224, 224.1, D14/225; D24/173, 174
CPC H04R 1/10; H04R 1/1016; H04R 1/1066; H04R 1/105; H04R 1/1033; H04R 1/08; H04R 5/033; H04R 5/0335; H04R 25/00
See application file for complete search history.

FOREIGN PATENT DOCUMENTS

CN	305089686	4/2019
CN	306128884	10/2020
CN	306503009	4/2021
HK	1913740-0001	* 5/2019
IN	281095-0001	* 3/2016
IN	351461-001-0001	* 10/2021
JP	1557844	9/2016
JP	1605118	5/2018
JP	1670157	10/2020
JP	D1674098	11/2020



KR 300978623 10/2018
 KR 3011069960001 4/2021
 TW 211952-0001 * 4/2020

OTHER PUBLICATIONS

Review: Google Pixel Buds A-Series, announced Jun. 6, 2021 [online], retrieved Apr. 20, 2022, retrieved from internet, <https://www.wired.com/review/google-pixel-buds-a-series/>.*

Ok, Google: Pixel Buds 2 are the real deal, announced Aug. 2, 2020 [online], retrieved Apr. 20, 2022, retrieved from internet, <https://www.cnet.com/reviews/google-pixel-buds-2-real-deal-in-depth-review/>.*

Google Pixel Buds Gen 2 True Wireless In-Ear Headphones, announced May 21, 2020 [online], retrieved Apr. 20, 2022, retrieved from internet, https://www.bhphotovideo.com/c/product/1547286-REG/google_ga01470_us_pixel_buds_clearly_white.html/reviews.*

Google Pixel Buds review: A great idea that needs more work, announced Dec. 13, 2017 [online], retrieved Apr. 20, 2022, retrieved from internet, <https://www.hardwarezone.com.sg/review-google-pixel-buds-review-great-idea-needs-more-work>.*

Best wireless earbuds 2022, announced Mar. 25, 2022 [online], retrieved Apr. 20, 2022, retrieved from internet, <https://www.radiotimes.com/technology/technology-guides/best-wireless-earbuds/>.*

EARIN—Truly Wireless and Innovative, announced Jan. 12, 2016 [online], retrieved Apr. 20, 2022, retrieved from internet, <http://www.audiosplitz.com/2016/01/earin-full-review.html>.*

Google Pixel Buds 2020 vs Microsoft Surface Earbuds, announced Jul. 13, 2020 [online], retrieved Jul. 14, 2021, retrieved from internet, <https://www.itworldcanada.com/article/google-pixel-buds-2020-vs-microsoft-surface-earbuds-which-one-should-you-buy/433015>.

Meet the new Google Pixel Buds, announced Oct. 15, 2019 [online], retrieved Jul. 14, 2021, retrieved from internet, <https://blog.google/products/pixel/new-pixel-buds/>.

Galaxy Buds Pro, announced © 1995-2021 [online], retrieved Jul. 14, 2021, retrieved from internet, [https://www.samsung.com/us/mobile/audio/head-phones/galaxy-buds-pro-phantom-vi-volet-sm-r190nzwaxar/?cid=pla-ecomm-pfs-mobacc-US-google-na-02122020-169923-&ds_e=GOOGLE-cr:O-pl:268233694-&ds_c=FF-%5BI_M_ME%50+_CN-mobile+extensions_PH-on_MK-us_BS-ec_PR-moex_SB-immulti_PK-roas_FS-loe_CA-pla_MO-h_KS-gc_MT-na-&ds_ag=AG-Buds+Pro_10-E000QXFK_MK-us_AT-sa_M0-h_PK-roah_PB-google_AI-n-&ds_k=PROOUCT_GROUP&gclid=CjwKCAjwIrq_HBhByEiwAn_LmYUK_XF284c66XYJ_NyNUWkrJkIYA08KFzUFjJNAQiCBiliUh5jORC2whoCROIQAvO_BwE&gclsrc=aw.ds](https://www.samsung.com/us/mobile/audio/head-phones/galaxy-buds-pro-phantom-vi-volet-sm-r190nzwaxar/?cid=pla-ecomm-pfs-mobacc-US-google-na-02122020-169923-&ds_e=GOOGLE-cr:O-pl:268233694-&ds_c=FF-%5BI_M_ME%50+_CN-mobile+extensions_PH-on_MK-us_BS-ec_PR-moex_SB-immulti_PK-roas_FS-loe_CA-pla_MO-h_KS-gc_MT-na-&ds_ag=AG-Buds+Pro_10-E000QXFK_MK-us_AT-sa_M0-h_PK-roah_PB-google_AI-n-&ds_k=PROOUtensions_PH-on_MK-us_BS-ec_PR-moex_SB-immulti_PK-roas_FS-loe_CA-pla_MO-h_KS-gc_MT-na-&ds_ag=AG-Buds+Pro_10-E000QXFK_MK-us_AT-sa_M0-h_PK-roah_PB-google_AI-n-&ds_k=PROOUCT_GROUP&gclid=CjwKCAjwIrq_HBhByEiwAn_LmYUK_XF284c66XYJ_NyNUWkrJkIYA08KFzUFjJNAQiCBiliUh5jORC2whoCROIQAvO_BwE&gclsrc=aw.ds).

Sony WF-1000XM4 review: All-round audio excellence, announced Jul. 7, 2021 [online], retrieved Jul. 14, 2021, retrieved from internet, <https://www.expertreviews.co.uk/sony/1413933/sony-wf-1000xm4-review>.

Buttons Air Hex True Wireless Earbuds With Charging Case, announced © 2021 [online], retrieved Jul. 14, 2021, retrieved from internet, <https://www.headphones.sg/buttons-air-hex-true-wireless-earbuds-with-charging-case-black/>.

Nikkei Trendy. Jan. 2018, No. 425, Dec. 4, 2017, p. 26.

Tokusengai. New Products Mar. 2017, No. 3, vol. 39, Feb. 3, 2017, p. 109.

Wego Co., Ltd. From Website for Japanese Online Clothing Retail Store. 2019. 6 pages.

Roy, Jacqueline et al. “Apple reveals new AirPods Pro, available Oct. 30.” Oct. 28, 2019. 9 pages. Retrieved from the Internet: <<https://www.apple.com/newsroom/2019/10/apple-reveals-new-airpods-pro-available-october-30/>>.

Design U.S. Appl. No. 29/611,494, filed Jul. 21, 2017. 45 pages.

U.S. Design Patent Application No. 291709, 192 filed on Oct. 11, 2019. 58 pages.

Design U.S. Appl. No. 29/730,550, filed Apr. 6, 2020. 88 pages.

* cited by examiner

Primary Examiner — Messina L Smith
 (74) Attorney, Agent, or Firm — Leason Ellis LLP

(57) CLAIM

The ornamental design for a wireless earbud, as shown and described.

DESCRIPTION

This application is related to application Ser. No. 29/709, 192, entitled Wireless Earbuds and Charging Case Assembly, filed on Oct. 11, 2019, all of which are hereby incorporated by reference in their entirety.

FIG. 1 is a front perspective view of a wireless earbud according to a first embodiment of our new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a right side elevation view thereof;

FIG. 5 is a left side elevation view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a front perspective view of the wireless earbud according to a second embodiment of our new design;

FIG. 9 is a front elevation view thereof;

FIG. 10 is a rear elevation view thereof;

FIG. 11 is a right side elevation view thereof;

FIG. 12 is a left side elevation view thereof;

FIG. 13 is a top plan view thereof;

FIG. 14 is a bottom plan view thereof;

FIG. 15 is a front perspective view of the wireless earbud according to a third embodiment of our new design;

FIG. 16 is a front elevation view thereof;

FIG. 17 is a rear elevation view thereof;

FIG. 18 is a right side elevation view thereof;

FIG. 19 is a left side elevation view thereof;

FIG. 20 is a top plan view thereof; and

FIG. 21 is a bottom plan view thereof.

The broken lines shown in the drawings illustrate portions of the wireless earbud that form no part of the claimed design.

1 Claim, 21 Drawing Sheets

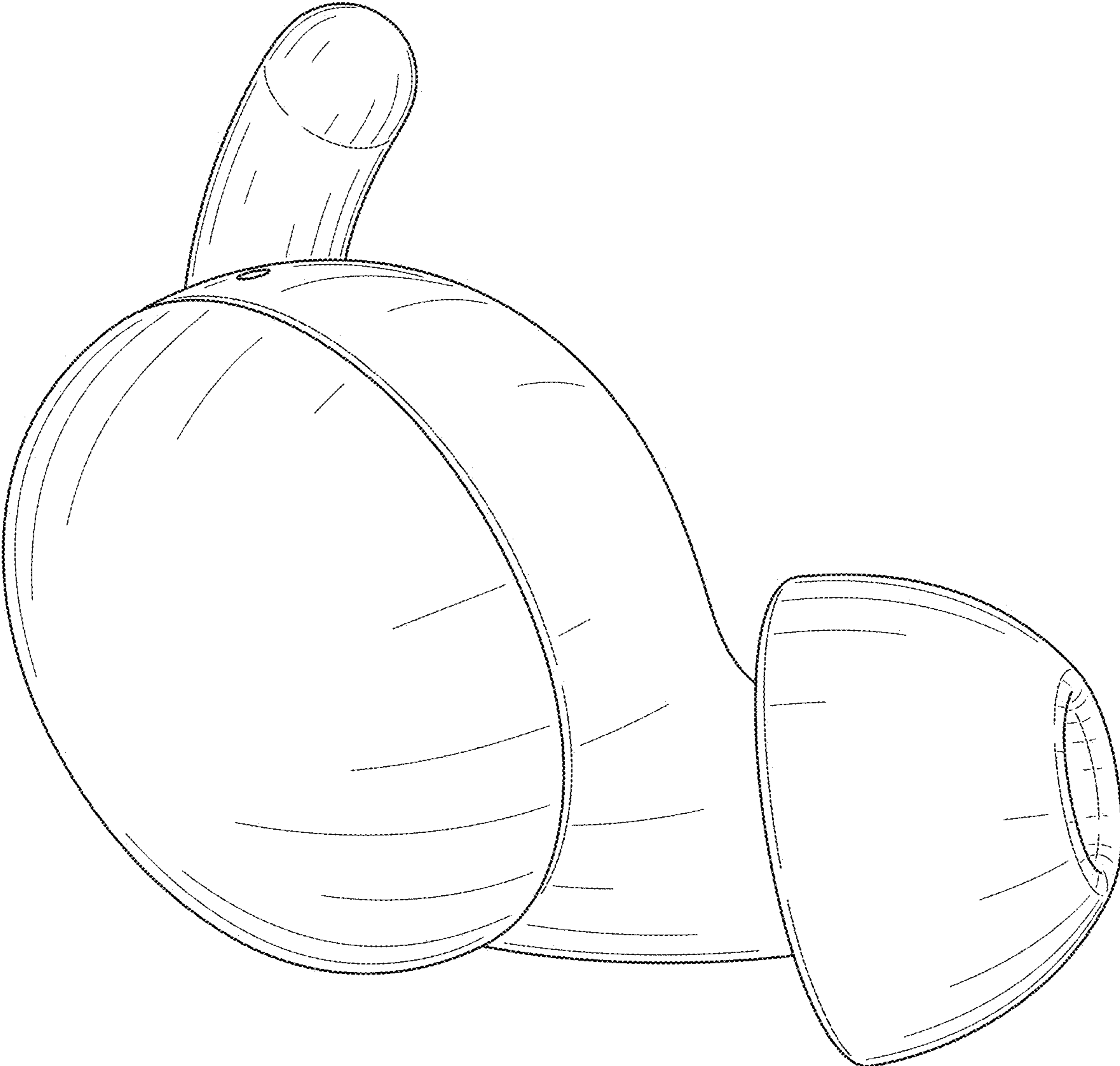


FIG. 1

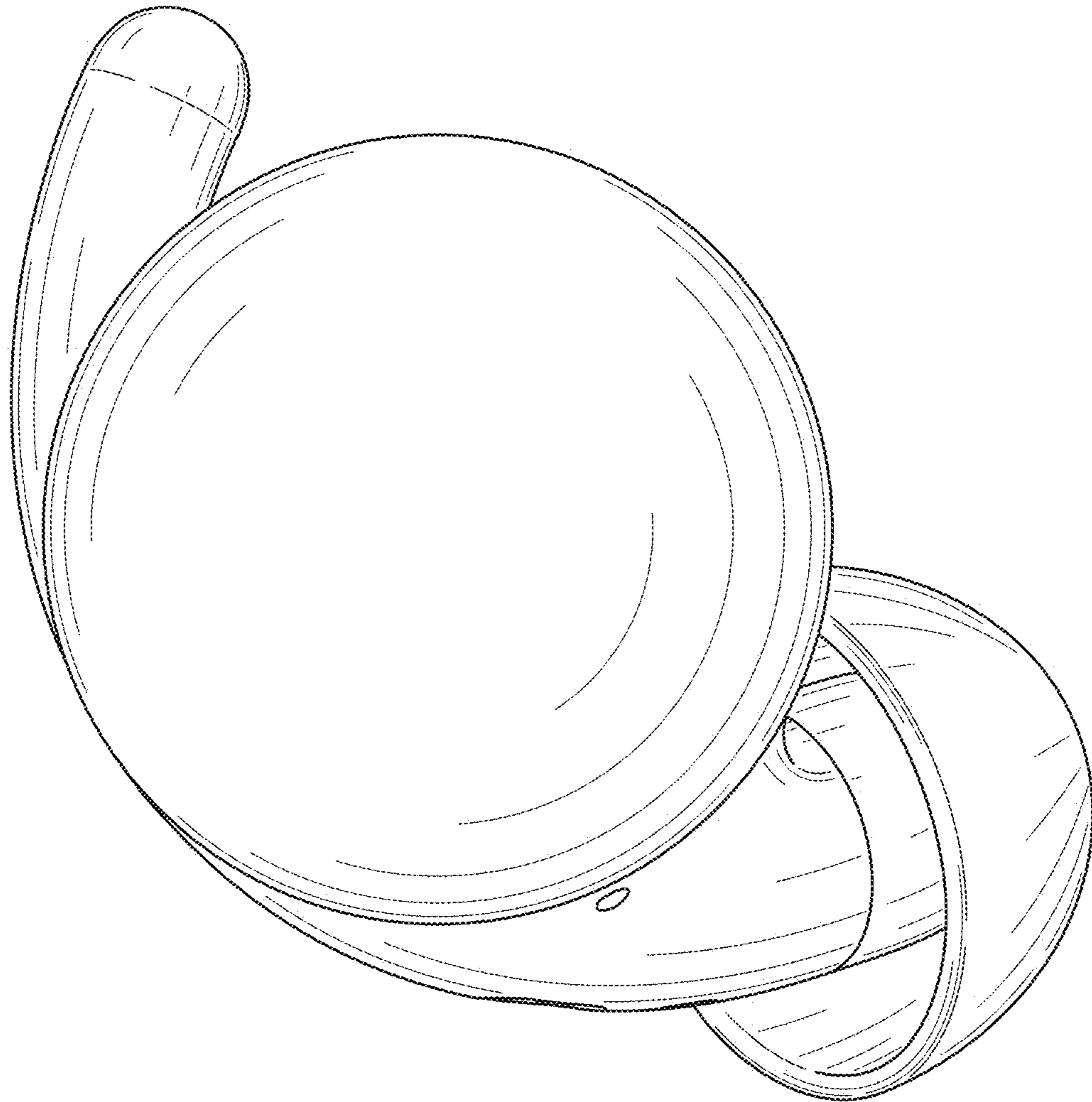


FIG. 2

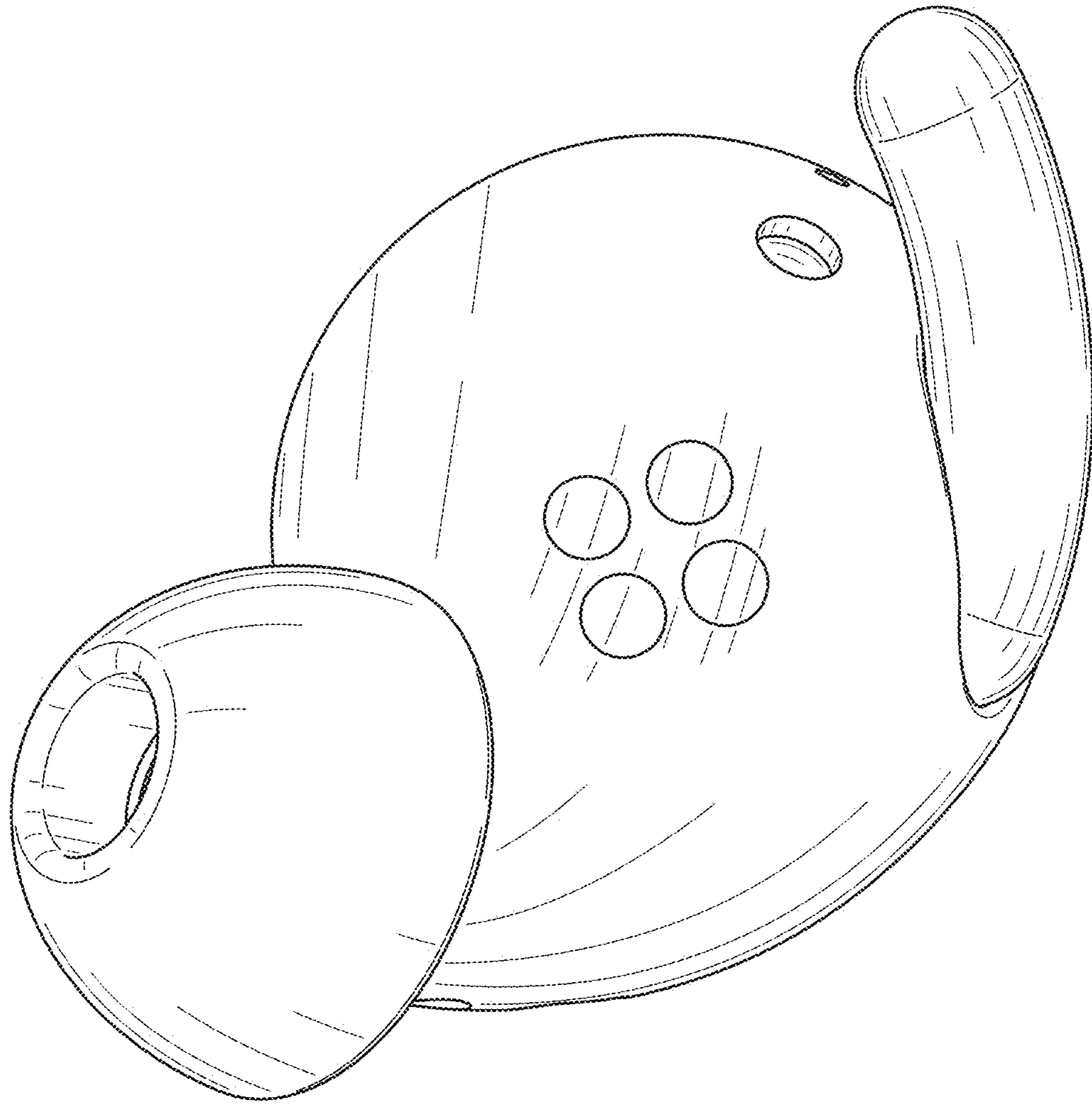


FIG. 3

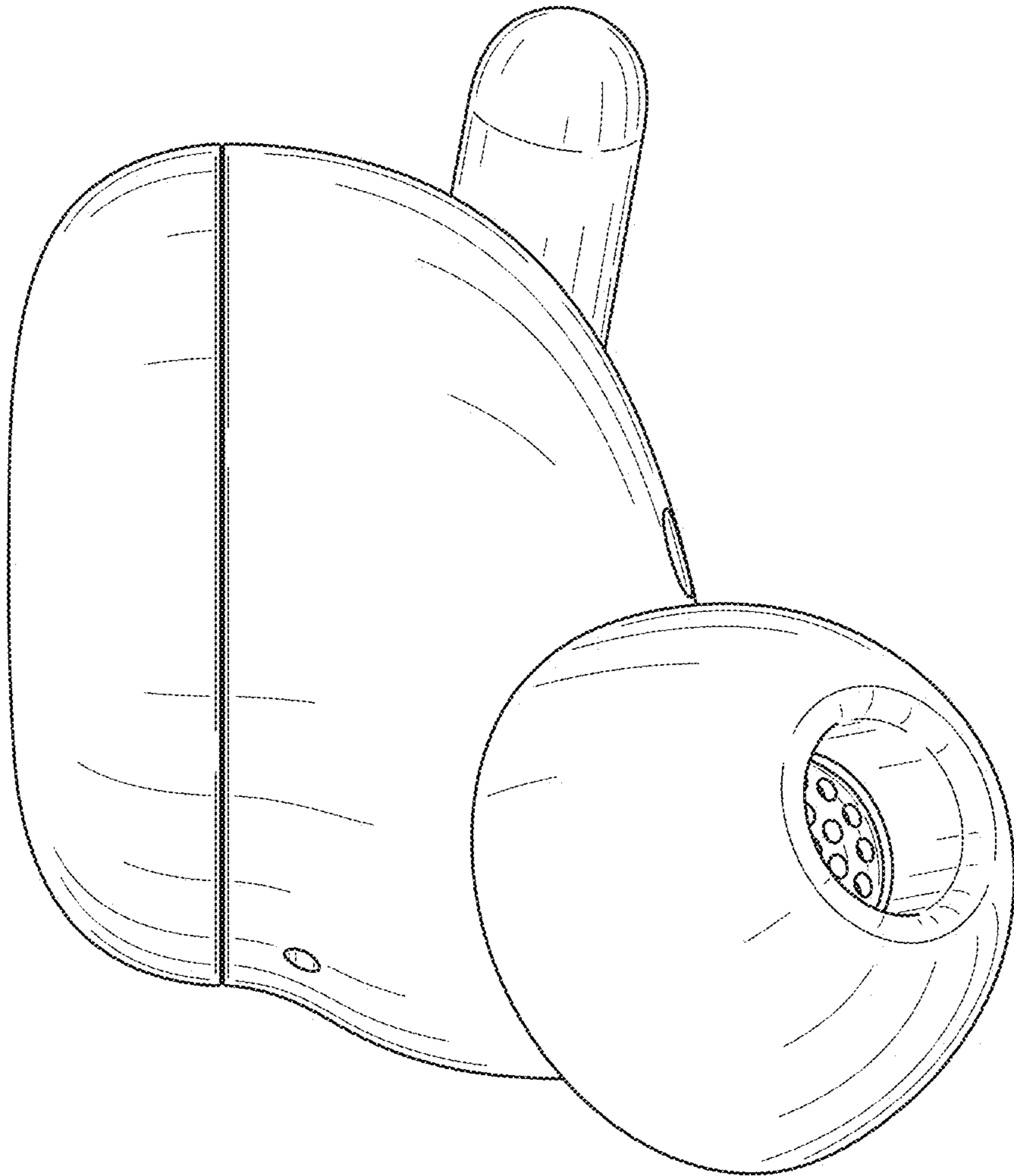


FIG. 4



FIG. 5

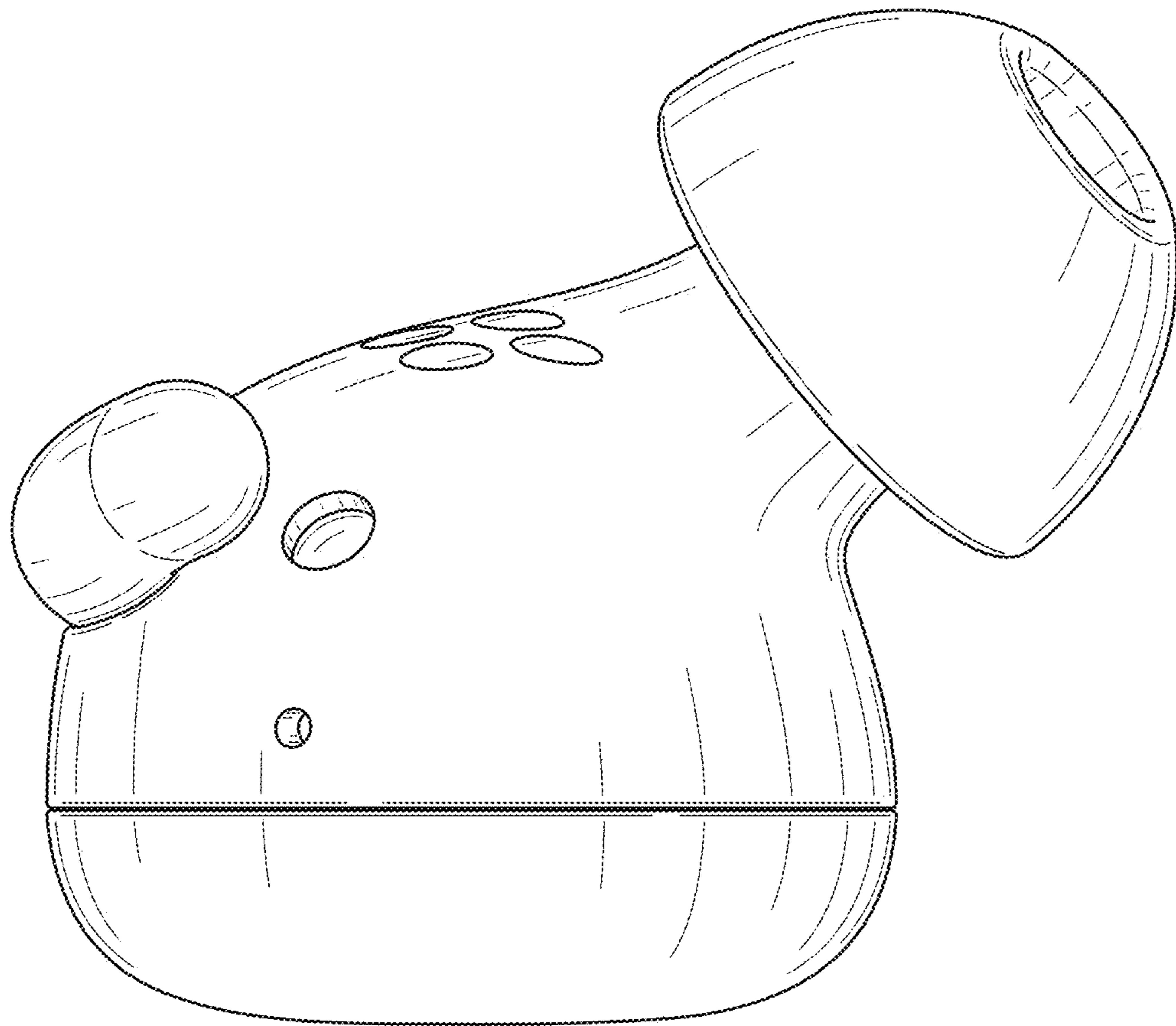


FIG. 6

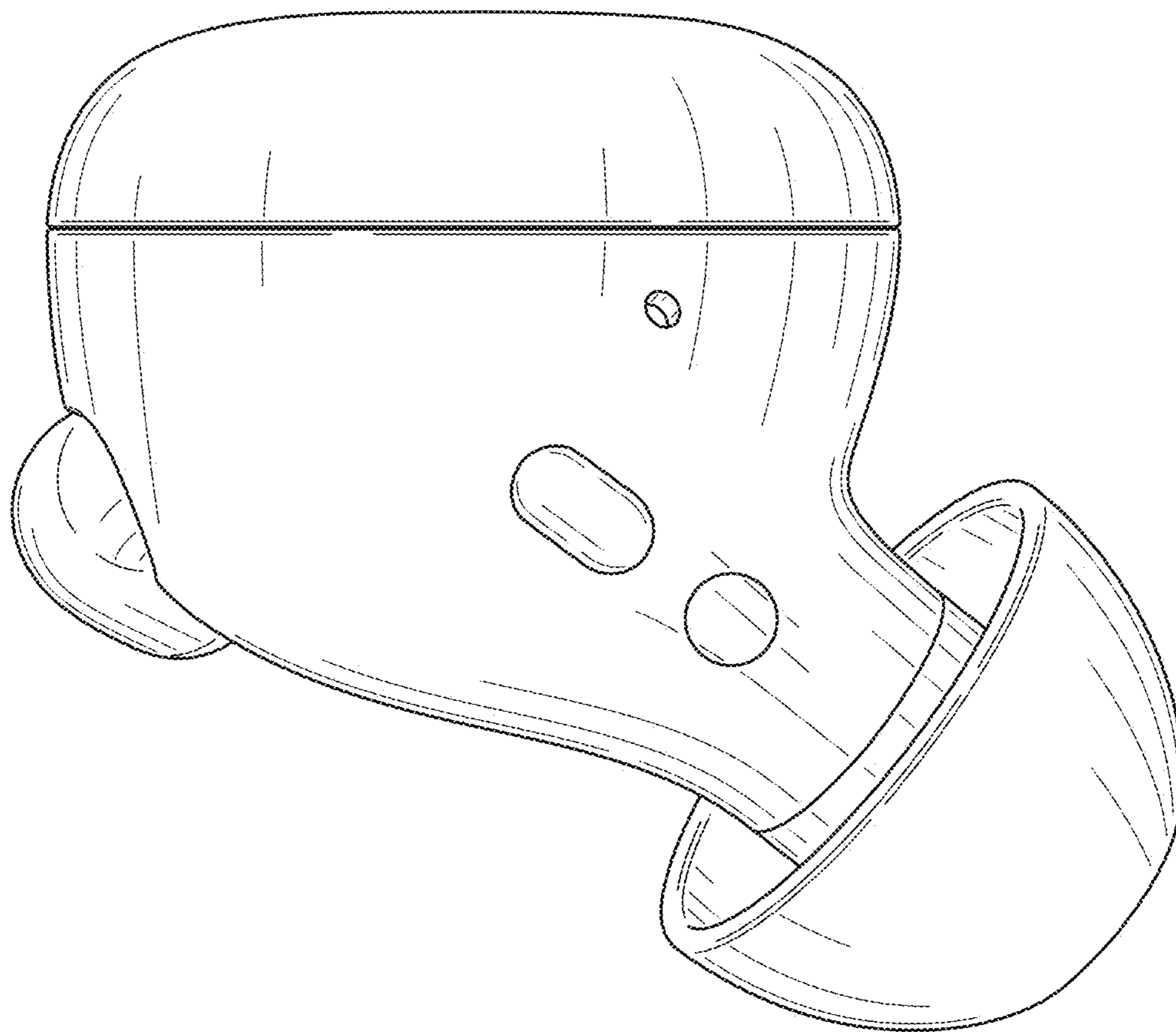


FIG. 7

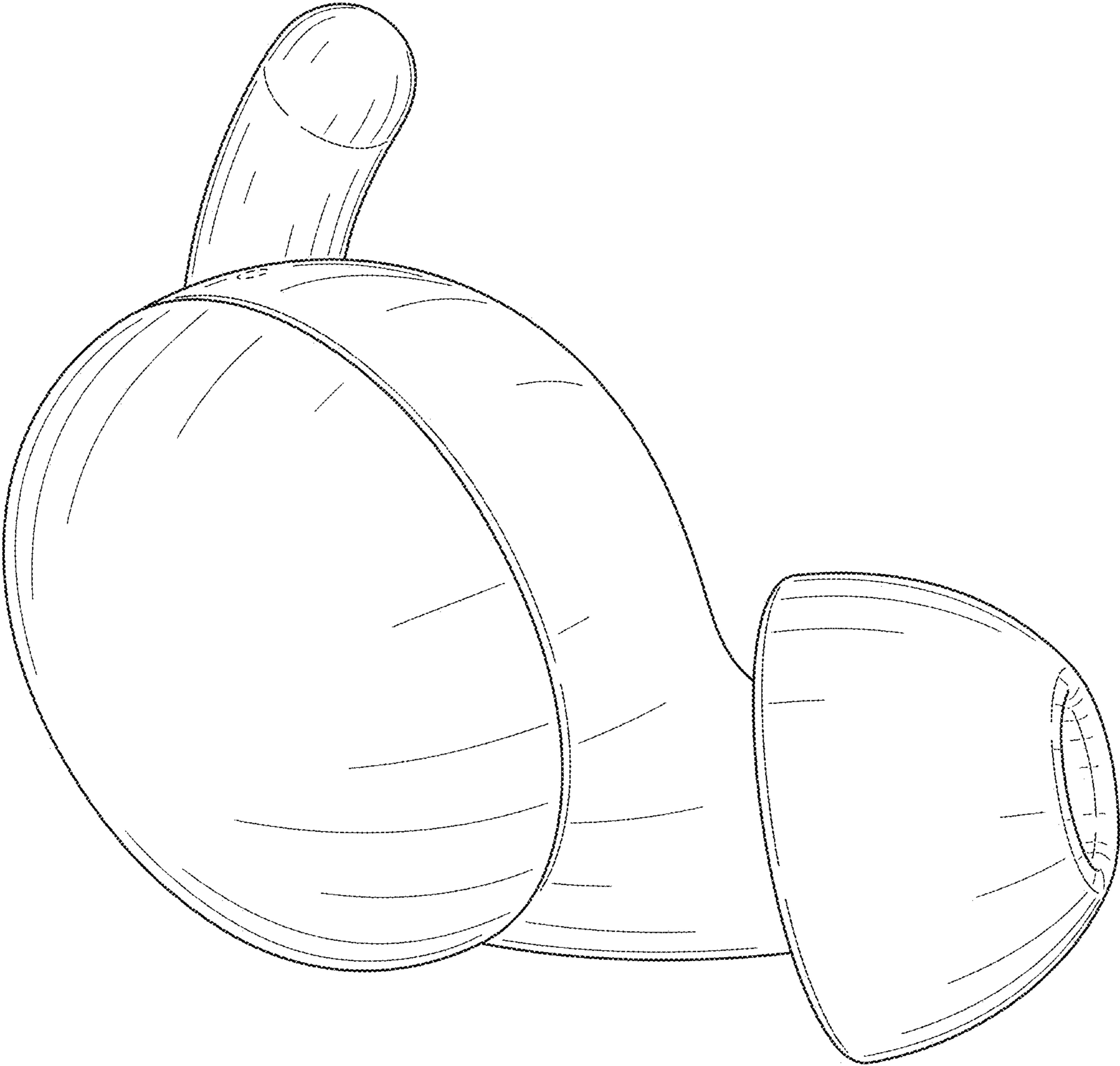


FIG. 8

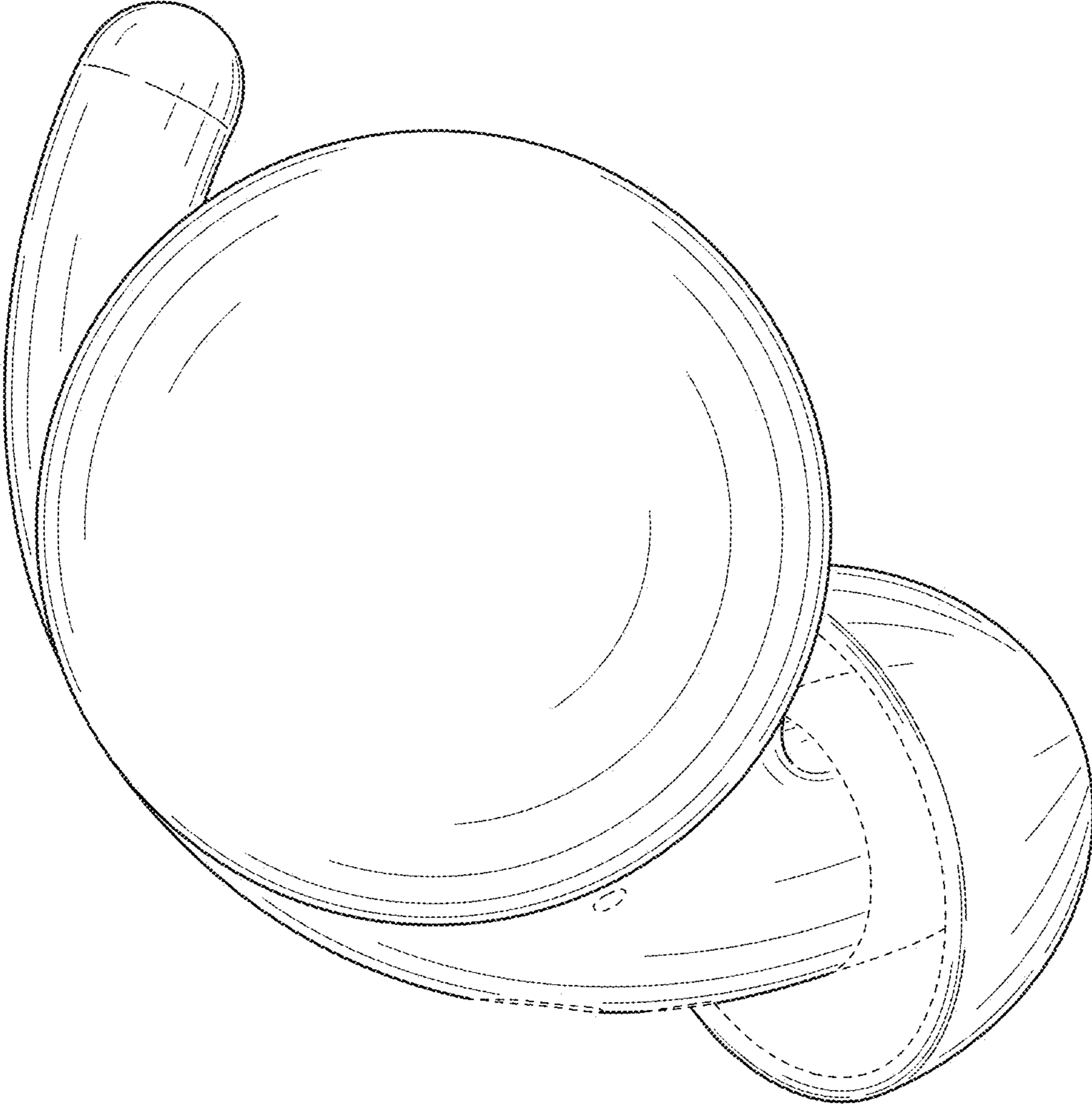


FIG. 9

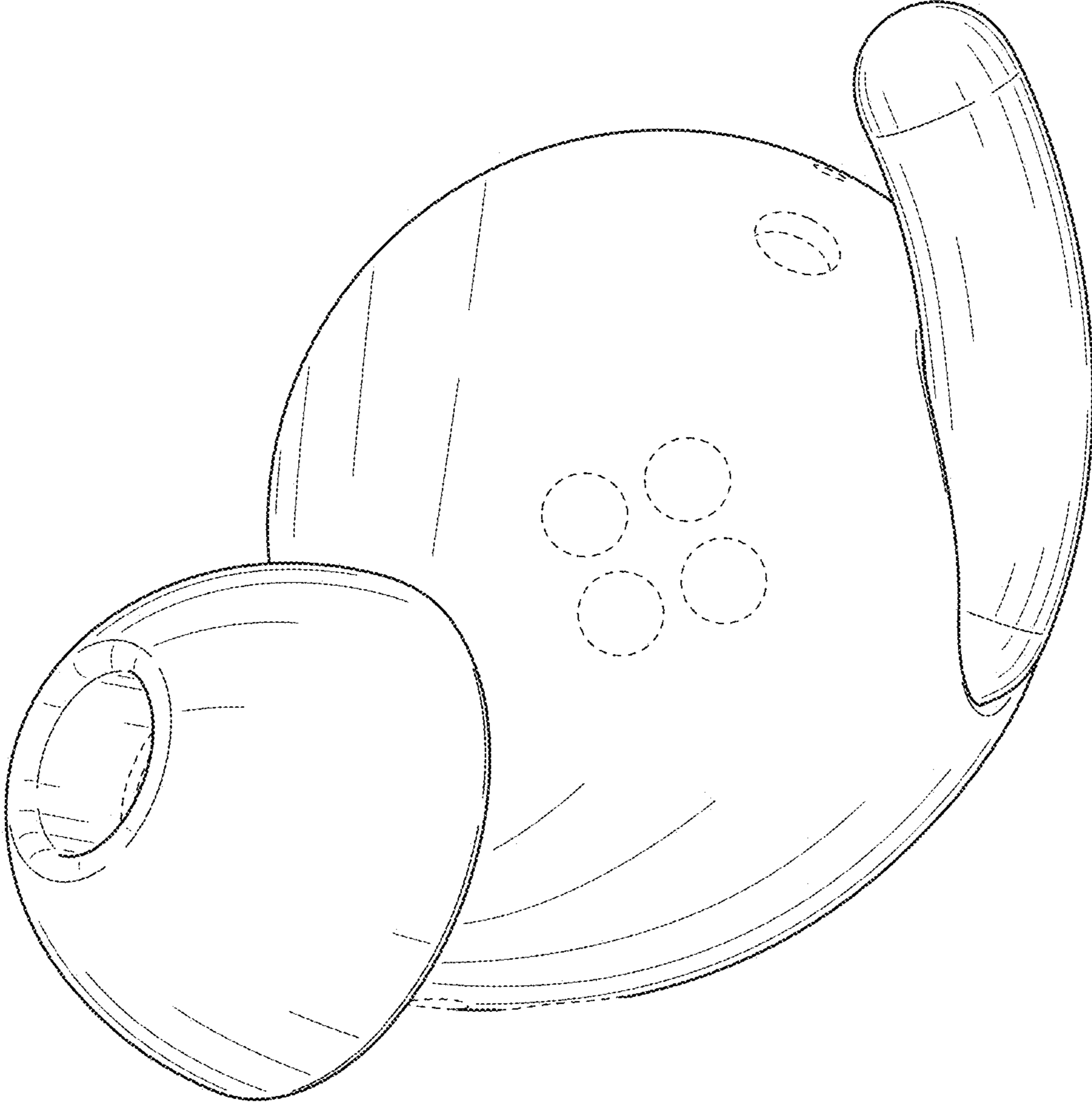


FIG. 10

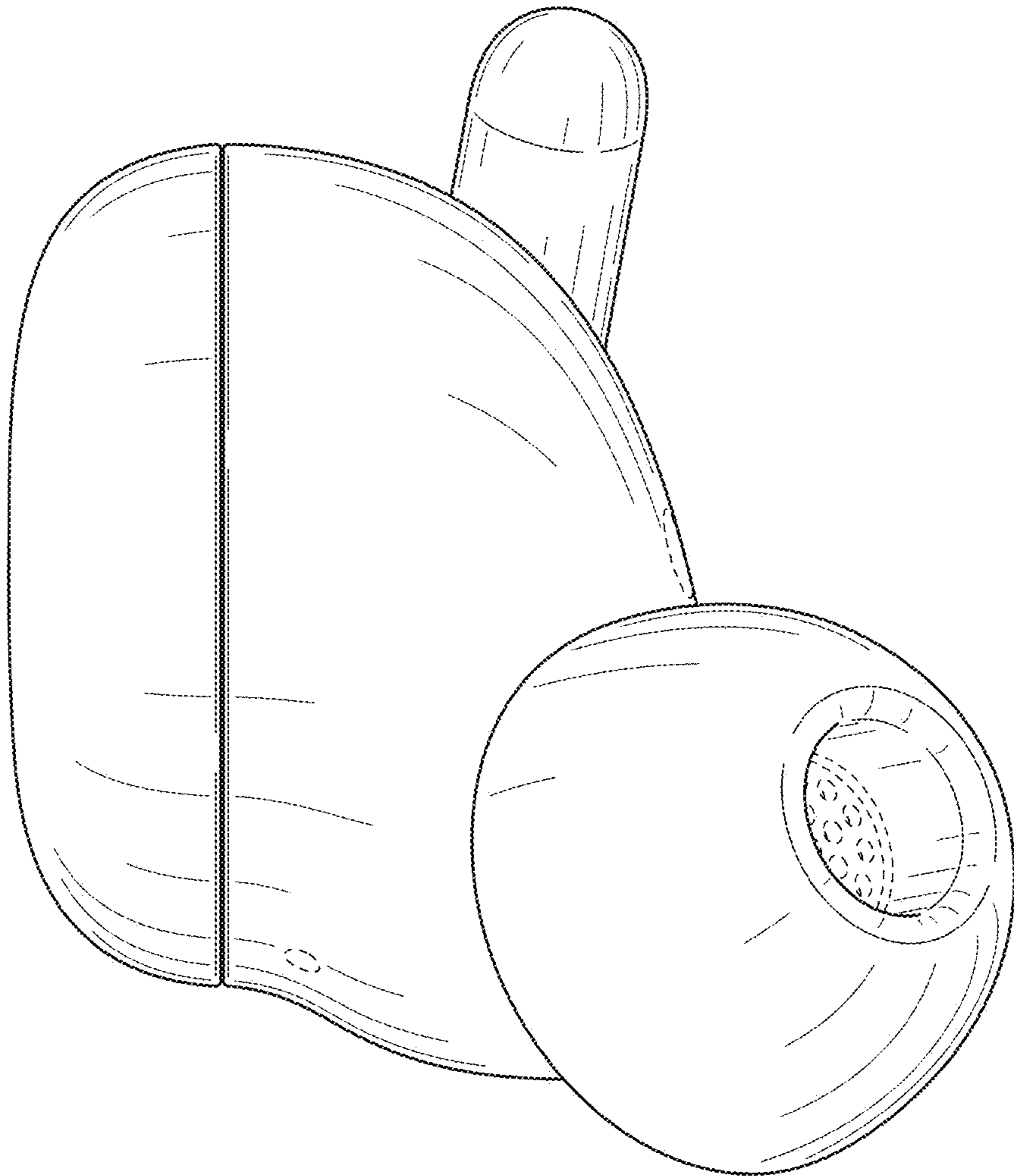


FIG. 11

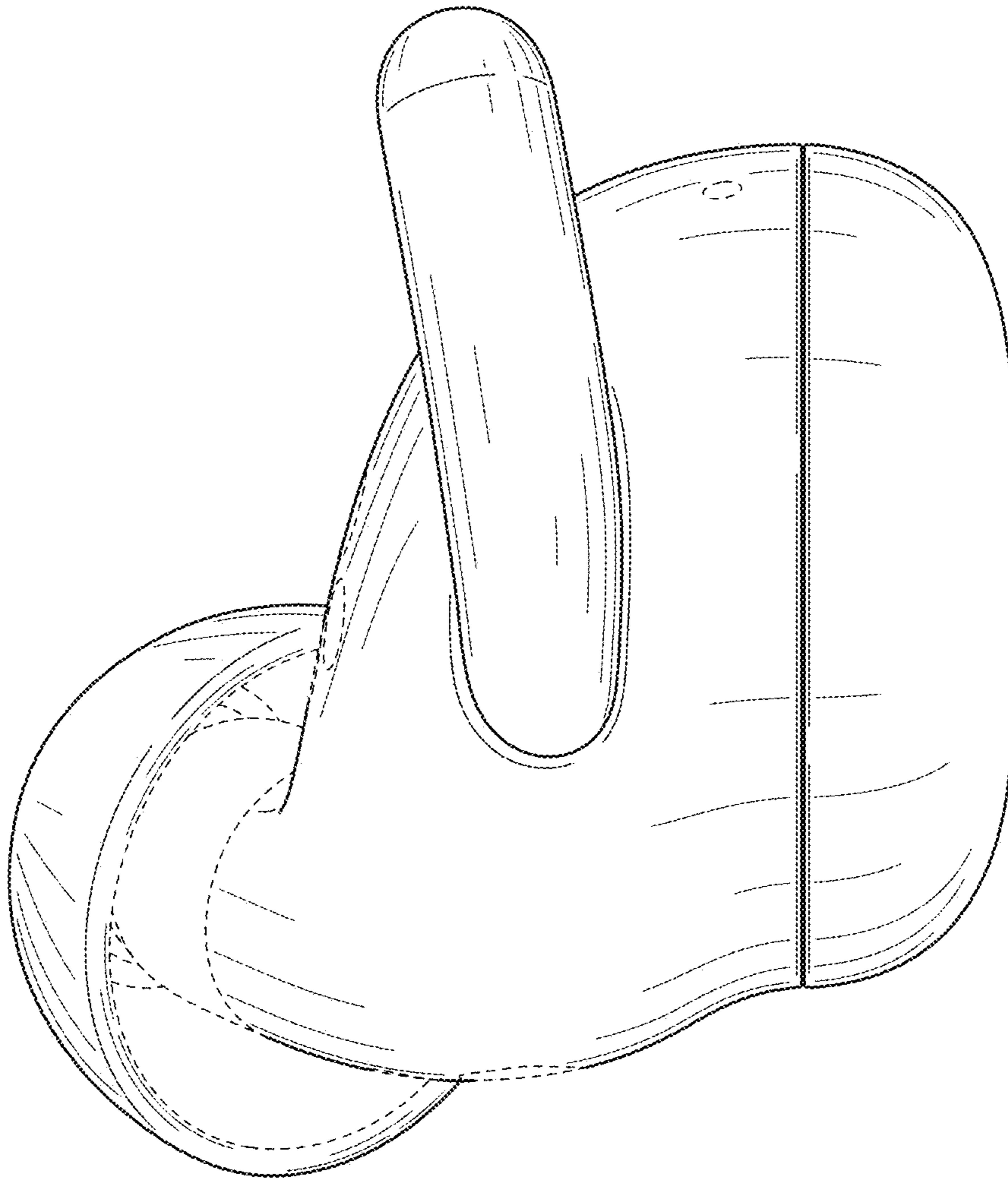


FIG. 12

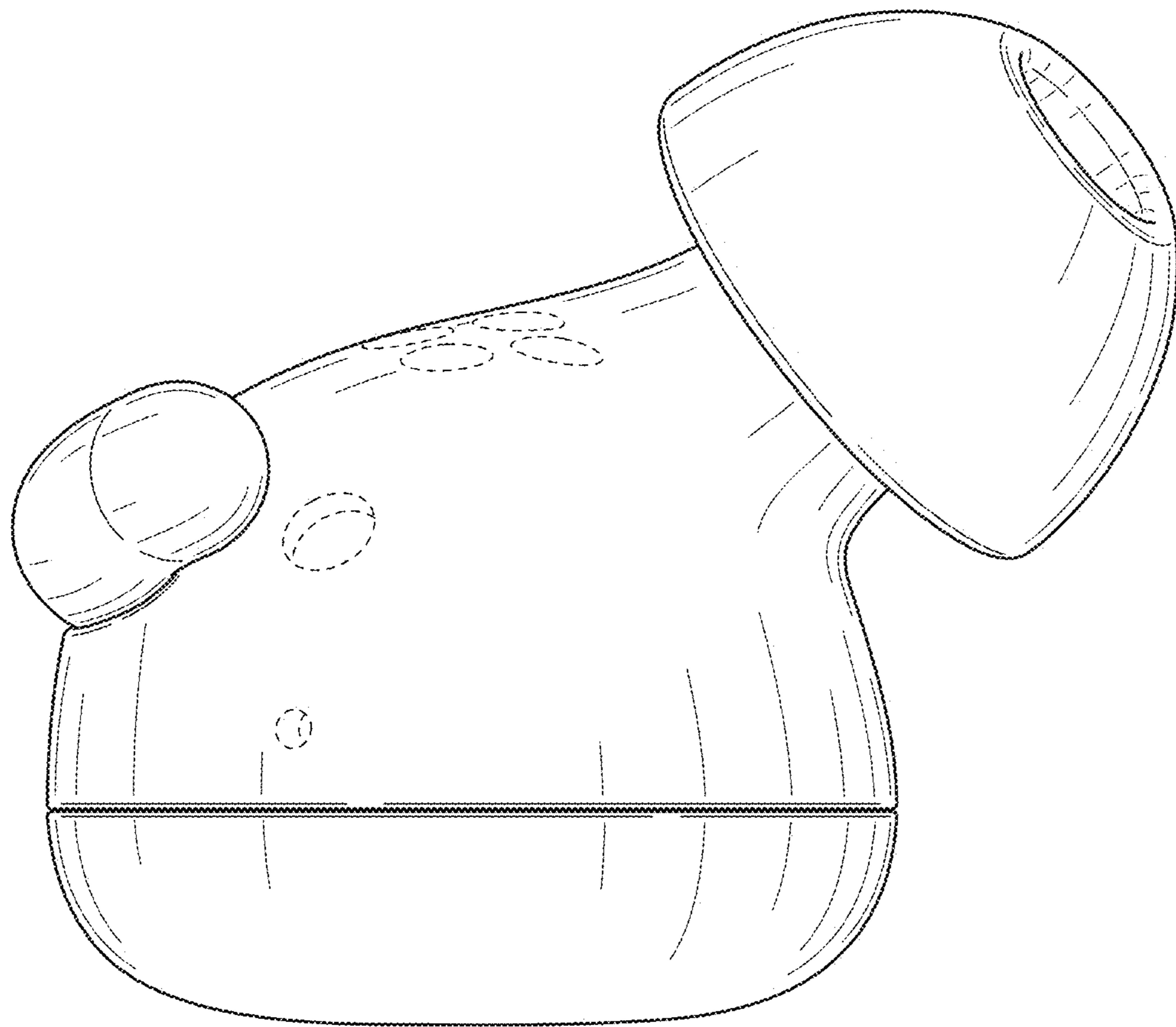


FIG. 13

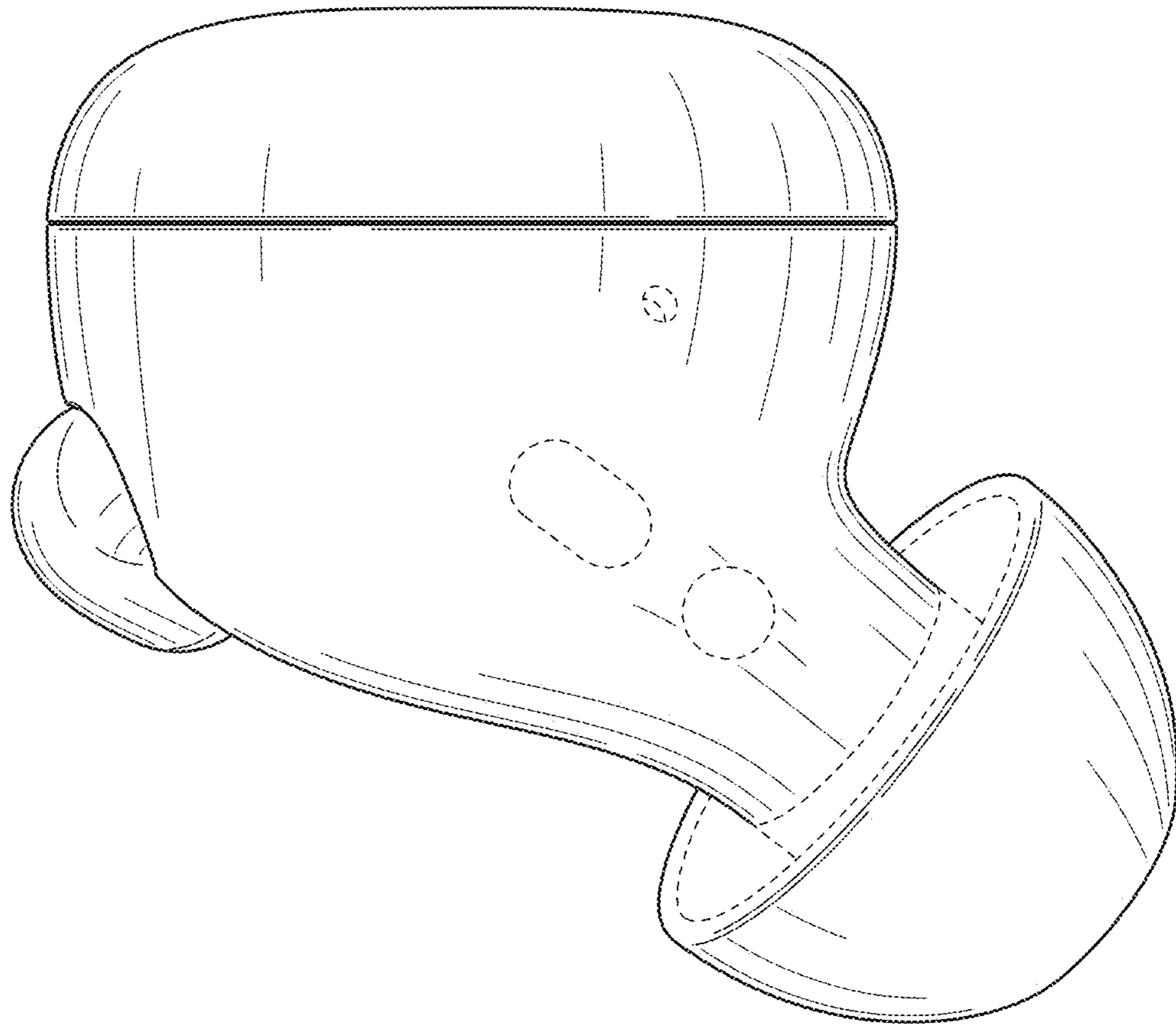


FIG. 14

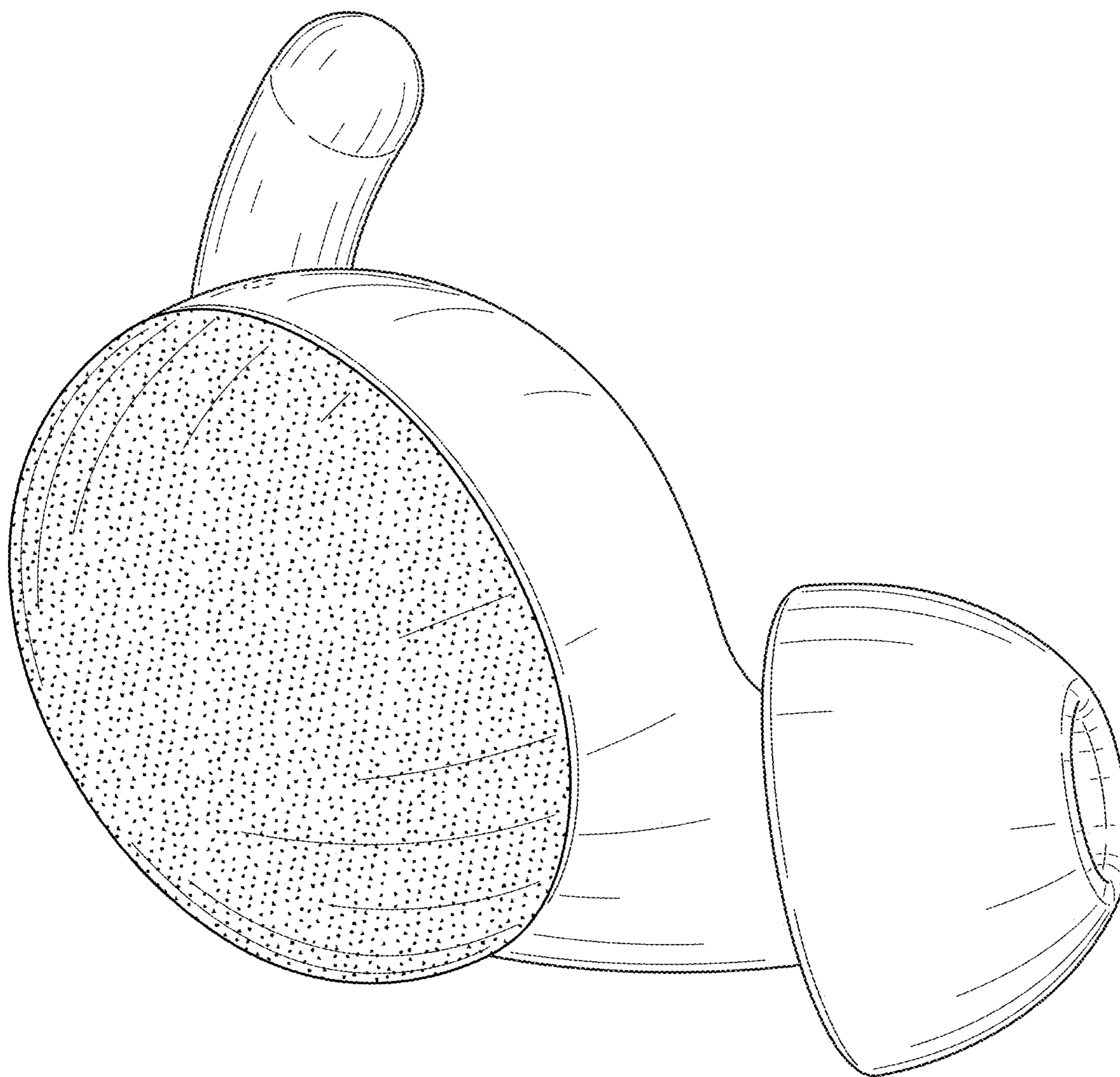


FIG. 15

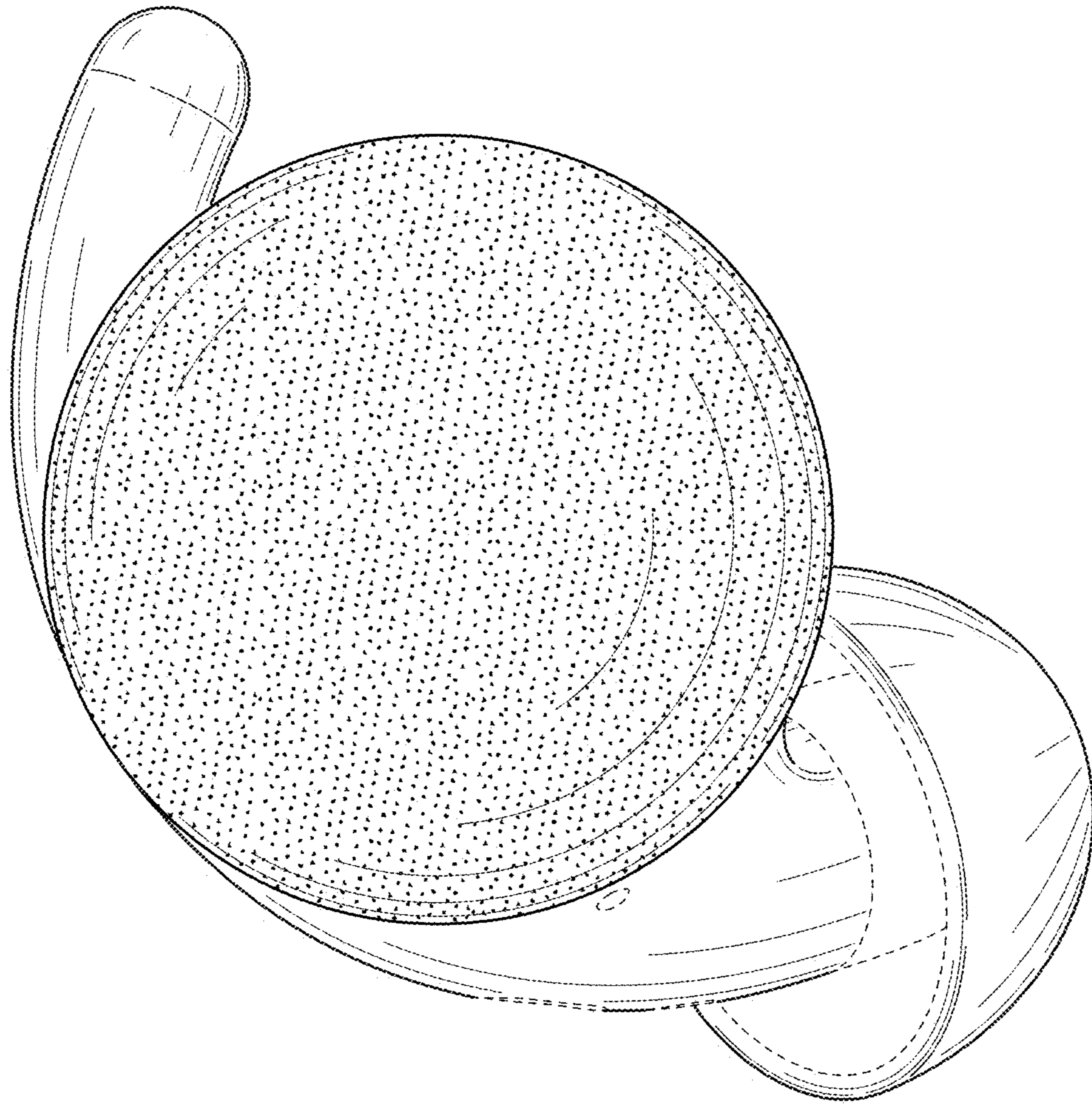


FIG. 16

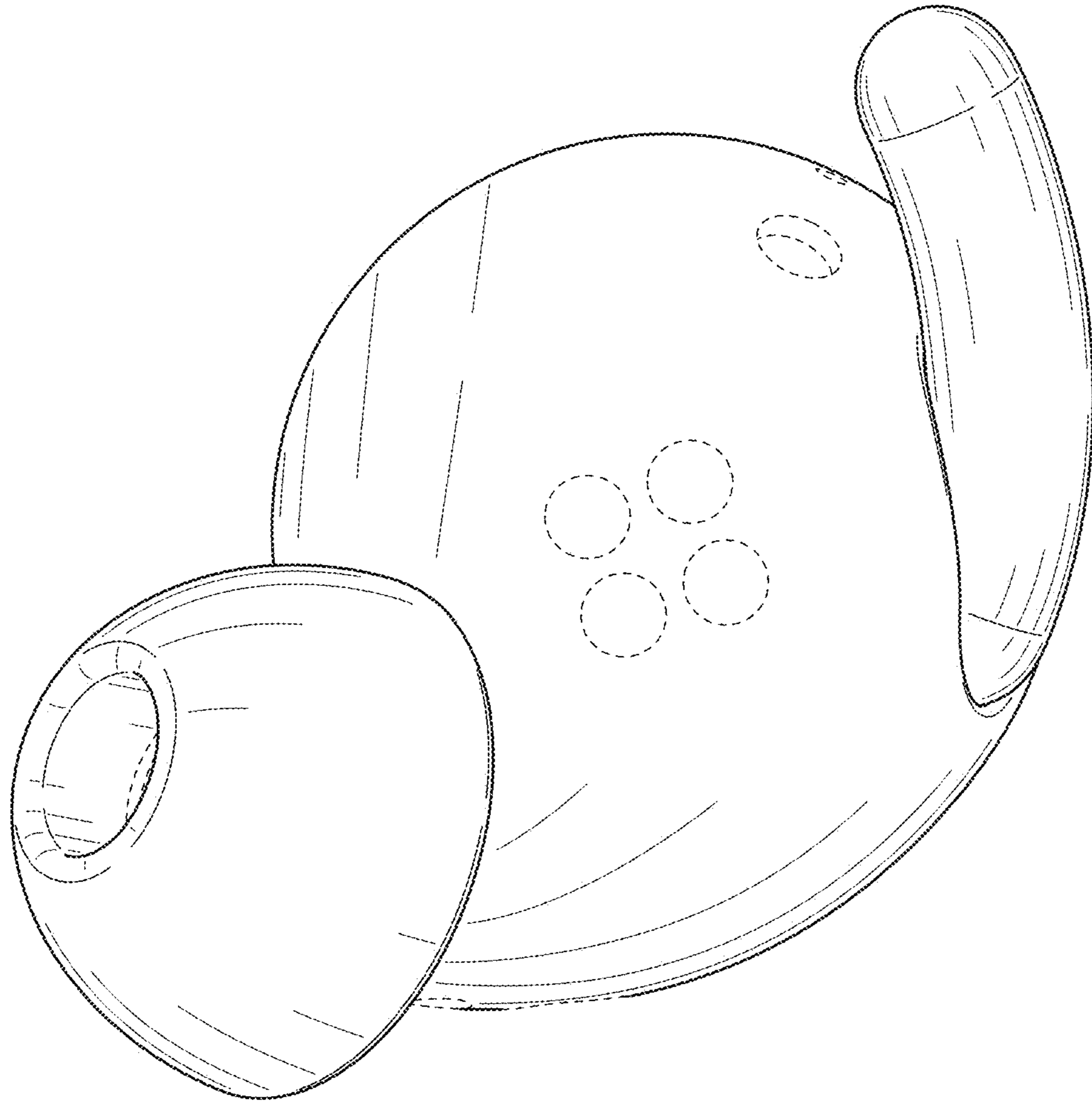


FIG. 17

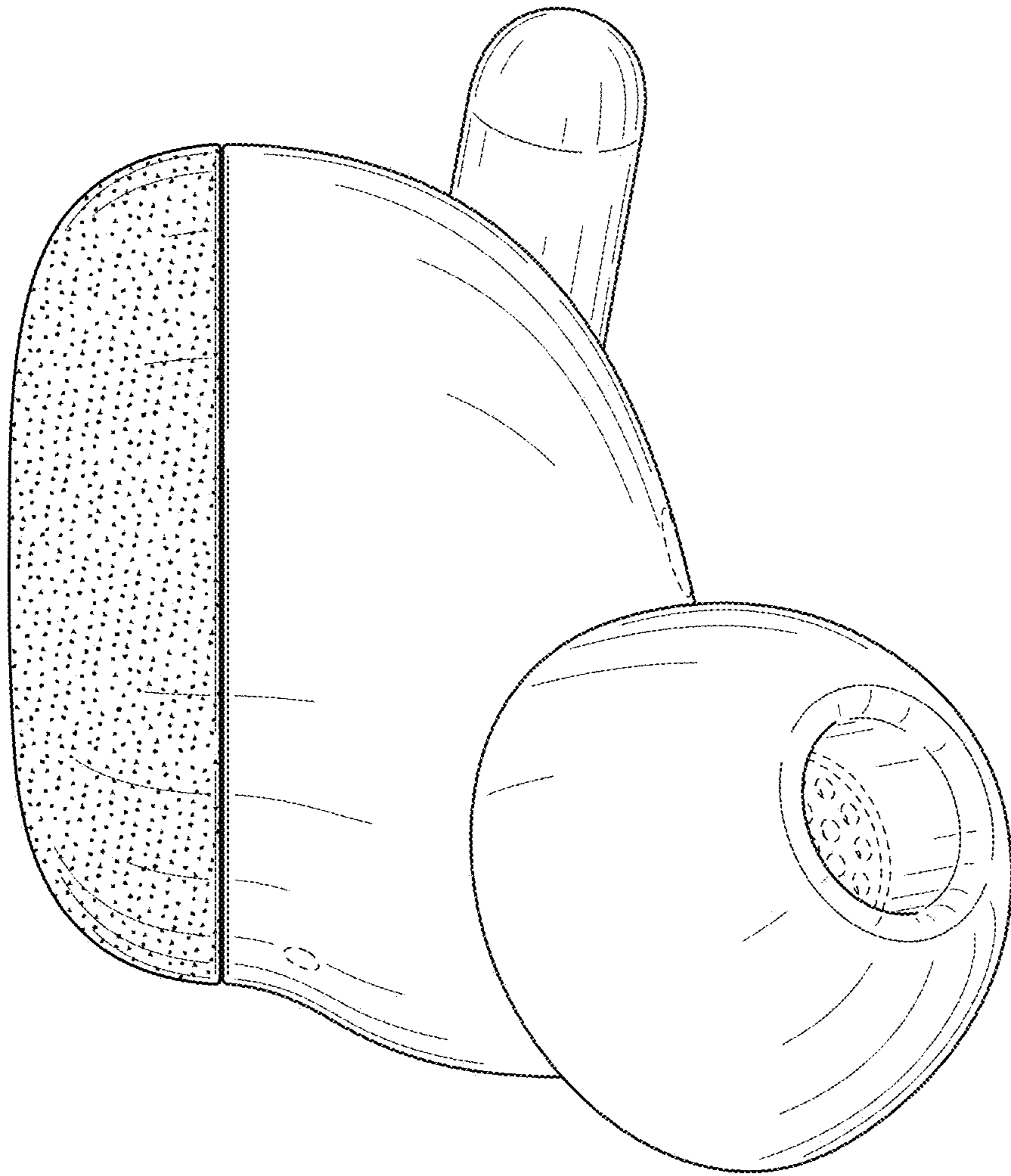


FIG. 18

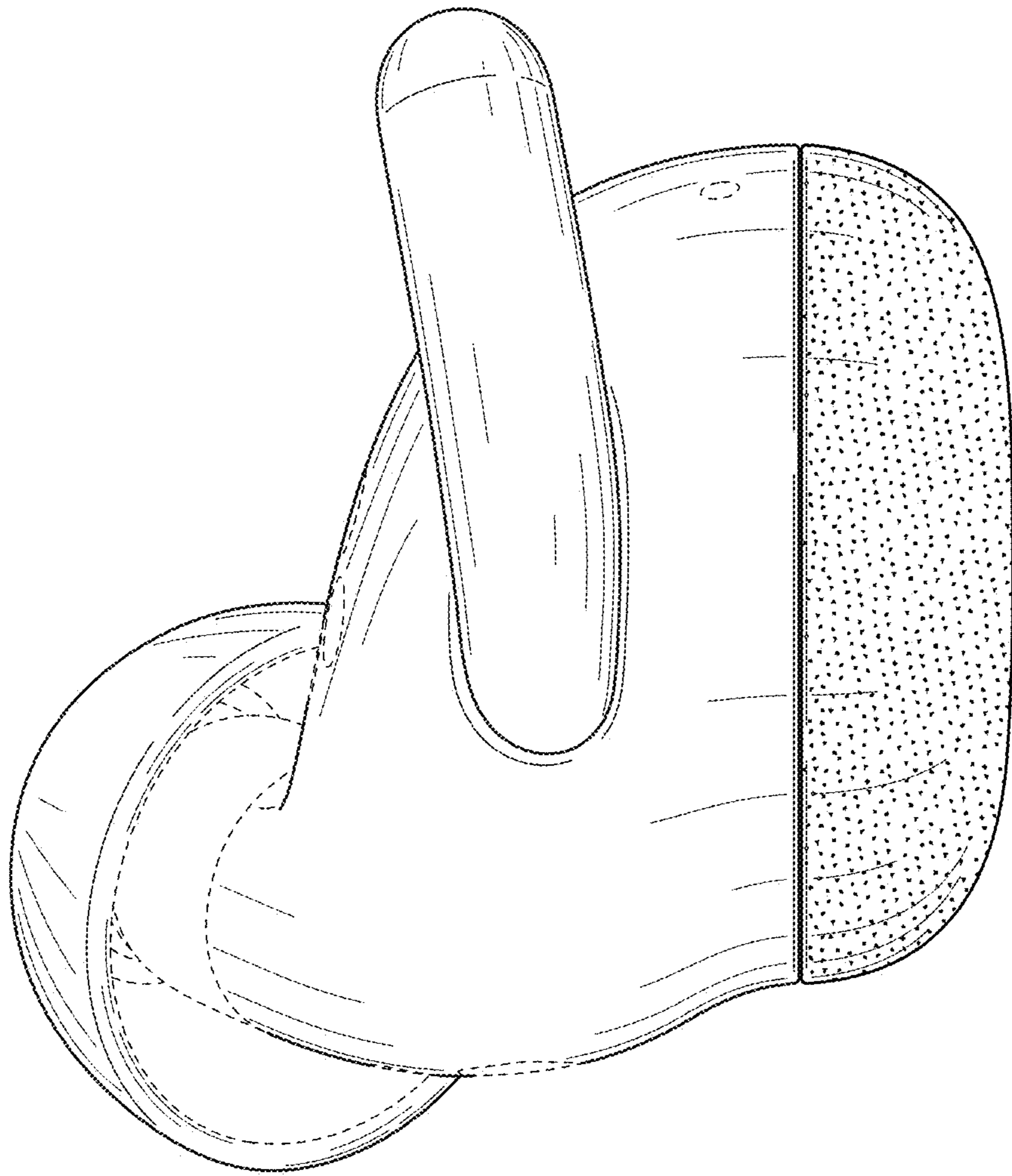


FIG. 19

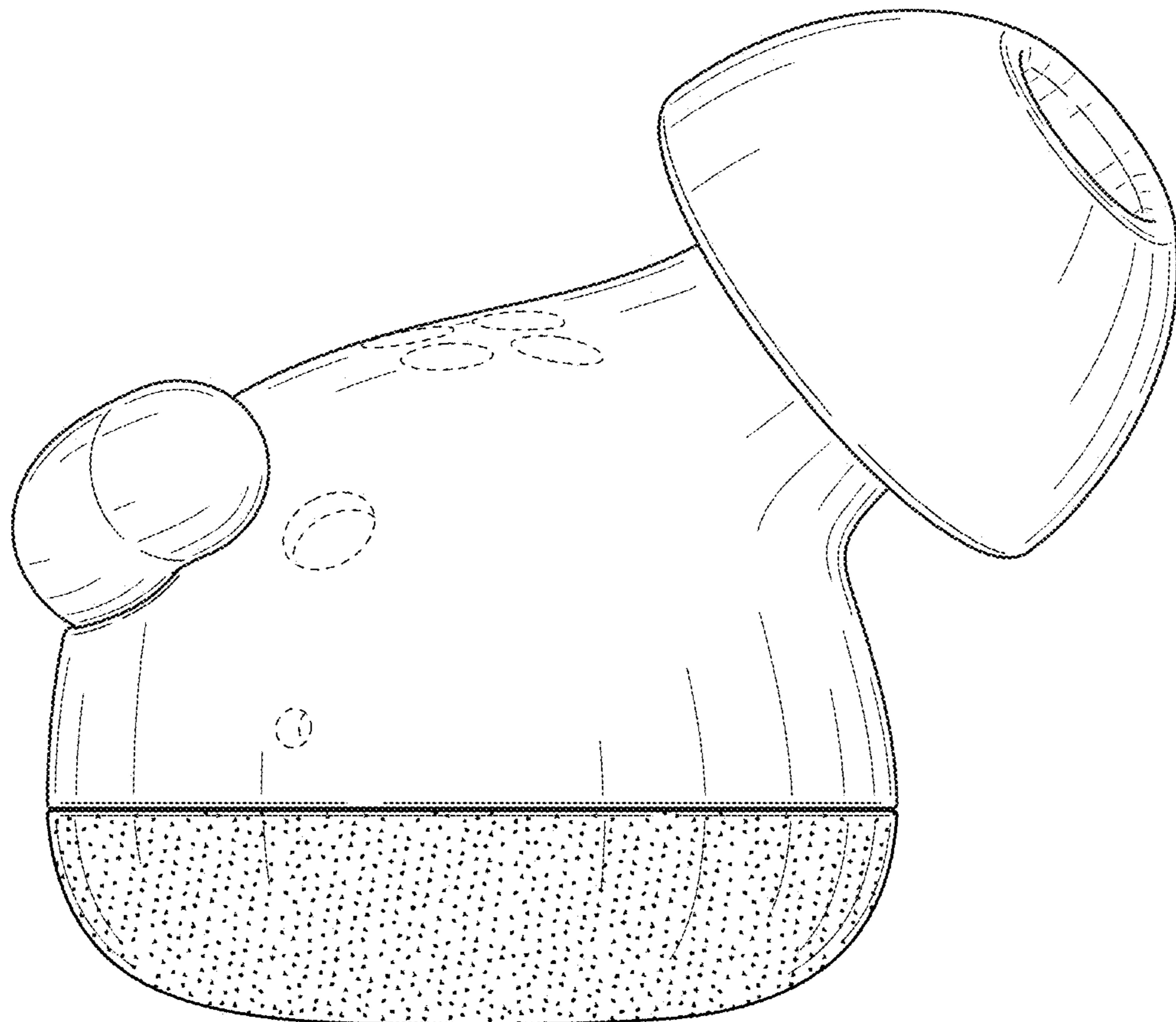


FIG. 20

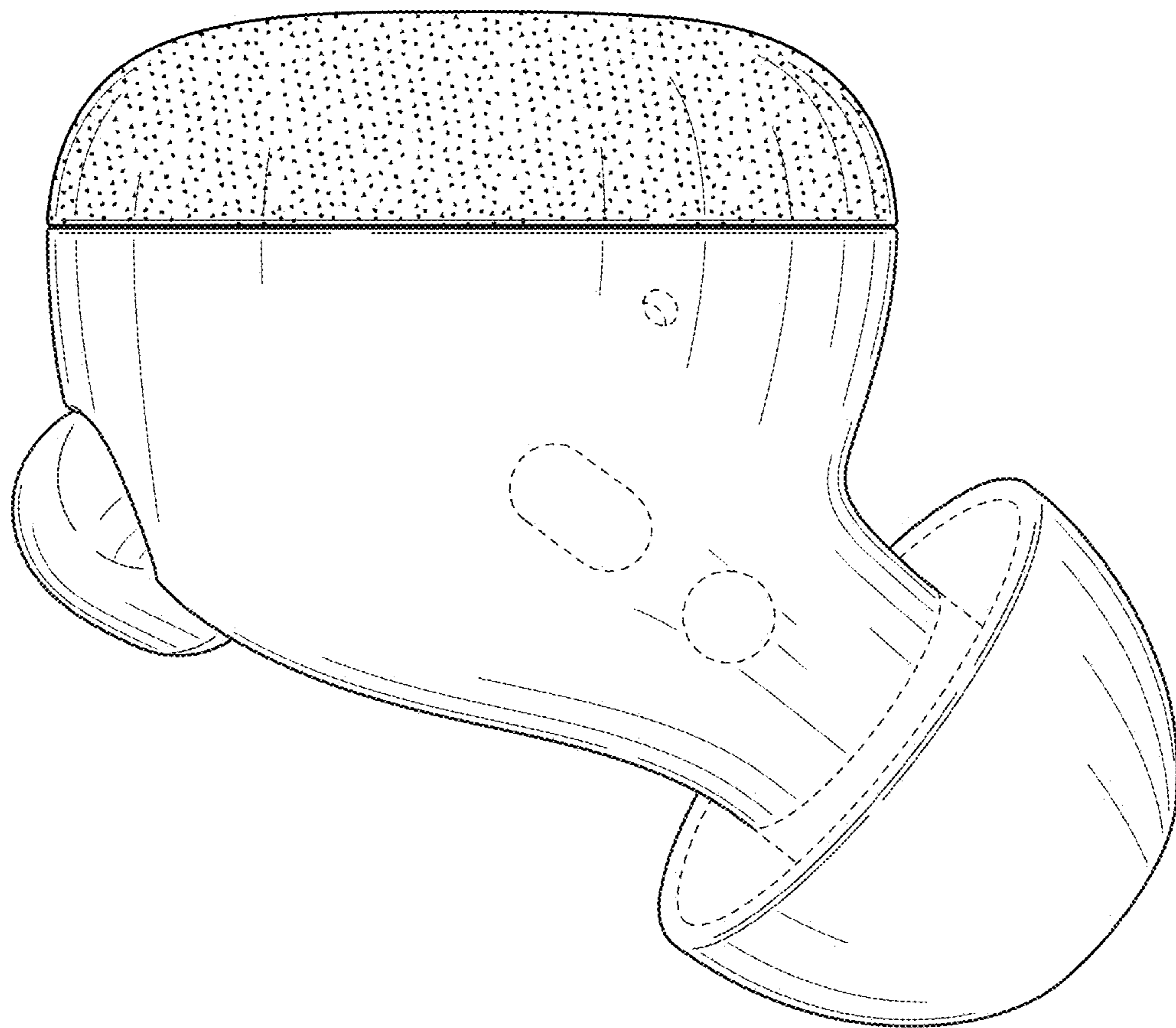


FIG. 21