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(12) **United States Design Patent** (10) **Patent No.:** **US D977,207 S**  
**Bell et al.** (45) **Date of Patent:** **\*\* Jan. 31, 2023**

(54) **LITTER DEVICE CONTAINING LITTER DISPENSER FOR DOMESTIC ANIMALS**

FOREIGN PATENT DOCUMENTS

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CN 305005516 \* 1/2019  
CN 209314546 U 8/2019  
(Continued)

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OTHER PUBLICATIONS

(73) Assignee: **AUTOMATED PET CARE PRODUCTS, LLC**, Auburn Hills, MI (US)

Cat Litter Boxes\_Pet Toilet Creative Spherical Cat Litter Pot, available in Amazon.ca, date first available Aug. 15, 2020 [online], [site visited May 6, 2022], Available from the internet URL: <https://www.amazon.ca/Creative-Spherical-Personality-Enclosed-Automatic/dp/B08FXZQLM7?th=1> (Year: 2020).\*

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

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(21) Appl. No.: **29/756,266**

*Assistant Examiner* — Elizabeth Anne Glassberg

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(51) **LOC (14) Cl.** ..... **30-99**

(57) **CLAIM**

(52) **U.S. Cl.**  
USPC ..... **D30/161**

We claim the ornamental design of a litter device containing litter dispenser for domestic animals, as shown and described.

(58) **Field of Classification Search**

**DESCRIPTION**

USPC ..... D28/19; D30/108–109, 112–120, 161, D30/162; D32/6  
CPC ..... A01K 1/01; A01K 1/0107; A01K 1/011; A01K 1/0114; A01K 1/0117; A01K 1/0121; A01K 1/0125; A01K 1/0128; A01K 1/0132; A01K 1/0135; A01K 1/0139; A01K 1/0142; A01K 1/0236; A01K 1/0272; A01K

FIG. 1 is a front perspective view of a litter device for domestic animals;  
FIG. 2 is a rear perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view of thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a left side view thereof; and,  
FIG. 8 is a right side view thereof.

(Continued)

(56) **References Cited**

The broken lines in the figures illustrate portions of the litter device containing litter dispenser for domestic animals that form no part of the claimed design.

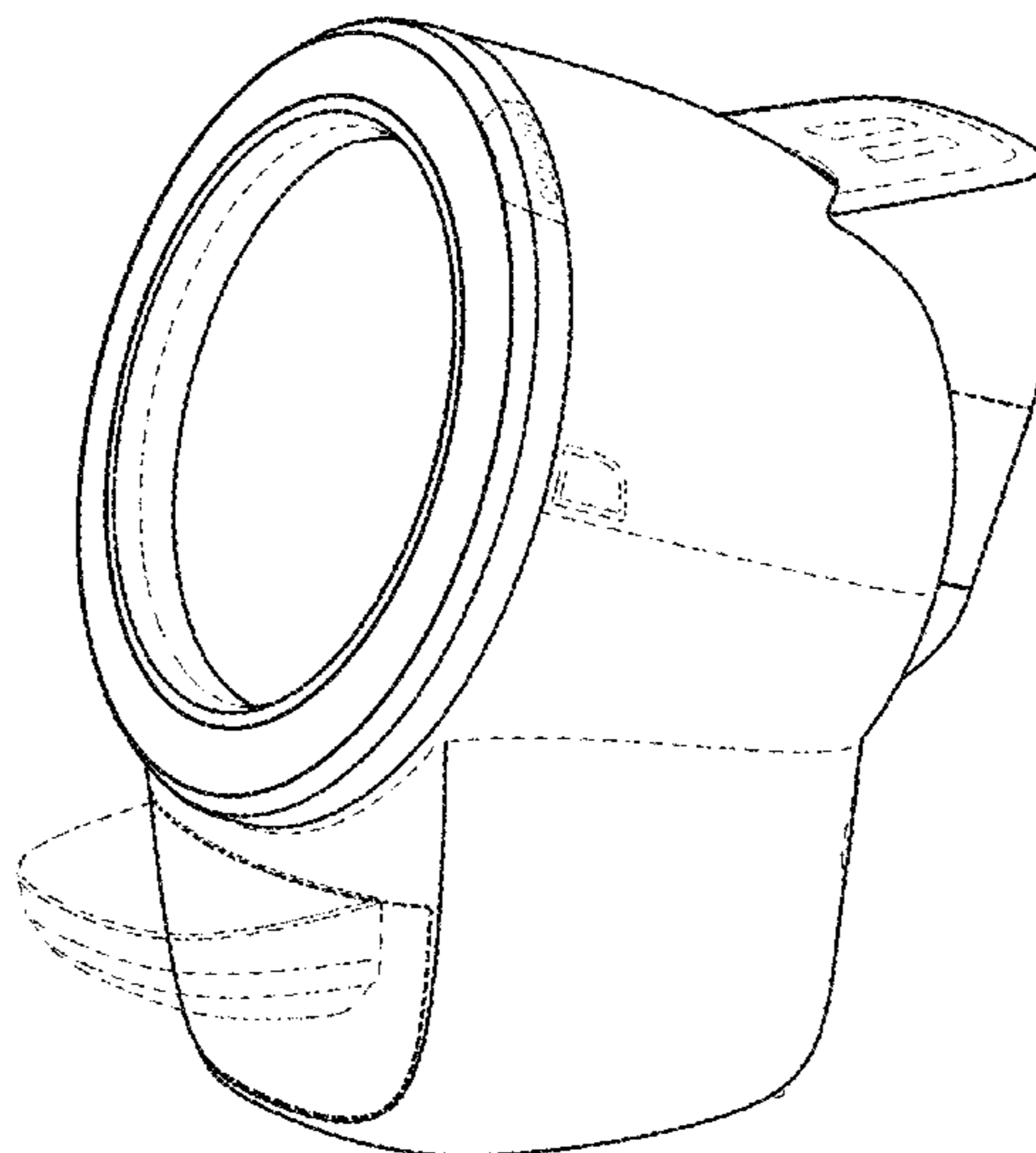
**U.S. PATENT DOCUMENTS**

Different thicknesses of the solid and broken lines are provided for clarity in features and does not carry additional meaning.

D156,991 S \* 1/1950 Perl ..... D32/6  
3,027,654 A \* 4/1962 Kremer ..... A45D 20/20  
34/96

(Continued)

**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... 1/029; A01K 1/033; A01K 1/034; A01K  
1/035; A01K 1/0035; A45D 20/44; A45D  
20/46

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,120,264 A 10/1978 Carter  
5,107,797 A \* 4/1992 LaRoche ..... A01K 1/0114  
209/296  
5,458,090 A 10/1995 Favreau  
5,662,066 A 9/1997 Reitz  
6,126,015 A 10/2000 Haymaker  
6,463,881 B2 \* 10/2002 Reitz ..... A01K 1/0114  
119/170  
7,017,519 B1 \* 3/2006 Deasy ..... A01K 1/011  
119/166  
D519,247 S \* 4/2006 Kim ..... D32/6  
D537,577 S \* 2/2007 Nam ..... D32/6  
7,647,889 B2 1/2010 Horanoff  
D612,554 S \* 3/2010 Seager ..... D30/161  
8,413,608 B2 \* 4/2013 Sharp ..... A01K 1/0107  
119/166  
D681,885 S \* 5/2013 Pitter ..... D30/129  
8,485,131 B2 7/2013 Veness  
D688,013 S \* 8/2013 Kim ..... D32/6  
8,757,094 B2 \* 6/2014 Baxter ..... A01K 1/0114  
119/168  
D753,886 S \* 4/2016 Veness ..... D30/161  
9,433,185 B2 9/2016 Baxter  
9,504,228 B1 11/2016 Otic  
9,565,830 B1 2/2017 Caico  
D824,121 S \* 7/2018 Luo ..... D32/6  
10,098,315 B2 \* 10/2018 Couto ..... A01K 1/0114  
D898,304 S \* 10/2020 Tu ..... D30/161  
D923,887 S \* 6/2021 Wang ..... D30/161  
11,399,502 B2 \* 8/2022 Baxter ..... A01K 1/011  
11,432,525 B2 \* 9/2022 Ma ..... A01K 1/0114  
2002/0139312 A1 \* 10/2002 Reitz ..... A01K 1/0114  
119/165  
2013/0206075 A1 8/2013 Huck  
2013/0333625 A1 \* 12/2013 Baxter ..... A01K 1/011  
119/166  
2018/0303057 A1 \* 10/2018 Guoqiang ..... A01K 1/0107  
2019/0364840 A1 12/2019 Baxter  
2020/0060221 A1 \* 2/2020 Fan ..... A01K 1/0114  
2020/0245587 A1 \* 8/2020 Leech ..... A01K 1/011  
2020/0281154 A1 \* 9/2020 Li ..... A01K 1/011  
2022/0104452 A1 \* 4/2022 Gong ..... A01K 1/0114  
2022/0125006 A1 \* 4/2022 Smith ..... A01K 1/0114  
2022/0142114 A1 \* 5/2022 Baxter ..... A01K 1/0114

FOREIGN PATENT DOCUMENTS

CN 209518062 U 10/2019  
CN 209732234 U 12/2019  
CN 305532892 \* 1/2020  
CN 305762379 \* 5/2020  
CN 305999762 \* 8/2020  
EP 2676543 B1 12/2018  
FR 2687285 A1 8/1993  
FR 3070822 A1 3/2019  
WO 98/01374 A2 1/1998  
WO 02/054860 A1 7/2002  
WO 2016/190765 A1 12/2016

OTHER PUBLICATIONS

Litter-Robot Automated Litter Box Testimonials\_Why Customers Love Litter-Robot, announced in YouTube on Sep. 22, 2015 [online ], [site visited May 6, 2022], Available from the internet URL: <https://www.youtube.com/watch?v=EOsMIIMRAQ8> (Year: 2015).\*  
Morus Zero-Ultrafast Countertop Tumble Dryer, announced in YouTube on Jun. 18, 2019 [online], [site visited May 9, 2022], Available from the internet URL: <https://www.youtube.com/watch?v=r063llmUXi8> (Year: 2019).\*  
Copending PCT Application No. PCT/US2020/029776 filed on Apr. 24, 2020.  
Co-pending Design U.S. Appl. No. 29/749,988, filed Sep. 10, 2020.  
Co-pending Design U.S. Appl. No. 29/755,931, filed Oct. 23, 2020.  
Co-pending Design U.S. Appl. No. 29/755,935, filed Oct. 23, 2020.  
International Search Report and Written Opinion, dated Sep. 30, 2020, PCT Application No. PCT/US2020/029776.  
Aimicat available at <https://aimicat.com/>. As accessed on Sep. 9, 2020.  
Catgloo available at <http://pethealthintec.com/>. As accessed on Sep. 9, 2020.  
Catlink available at <https://en.xiaomitoday.it/catlink-automatic-litter-box-youth.html>. As accessed on Sep. 9, 2020.  
Circle Zero available at <https://plutocirclezero.com/>. As accessed on Sep. 9, 2020.  
Igloo available at [https://www.indiegogo.com/projects/igloo-reinvent-affordable-auto-cat-litter-box#](https://www.indiegogo.com/projects/igloo-reinvent-affordable-auto-cat-litter-box#/). As accessed on Sep. 9, 2020.  
MEET available at <https://www.slashpets.com/robotic-cat-iitter-box/>. As Accessed on Sep. 9, 2020.  
Petato Footloose available at <https://www.kickstarter.com/projects/petato/footloose-next-gen-automatic-and-health-tracking-c>. As accessed on Sep. 9, 2020.  
Petree available at <https://petreelitterboxes.com/>. As accessed on Sep. 9, 2020.

\* cited by examiner

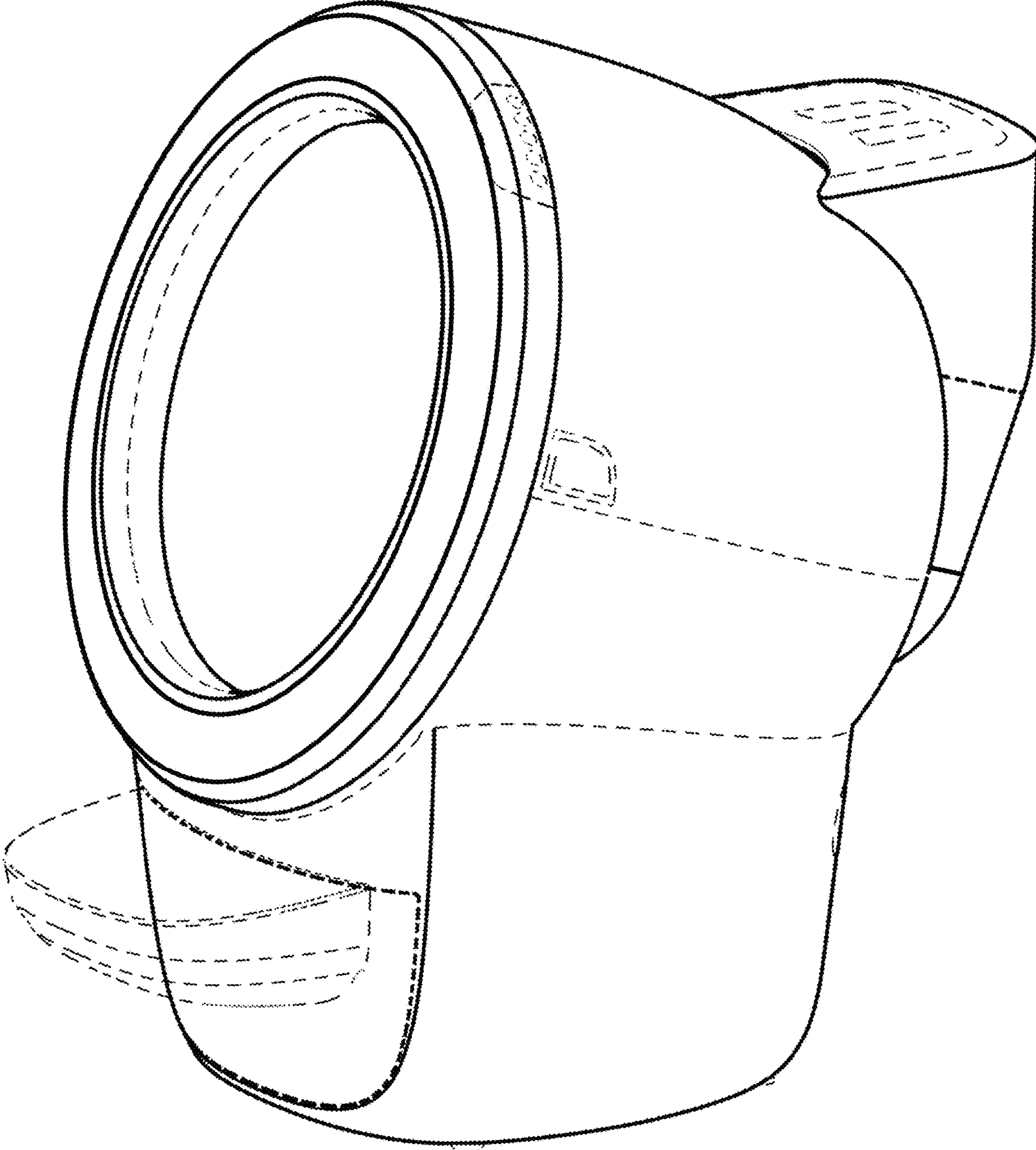


FIG.-1

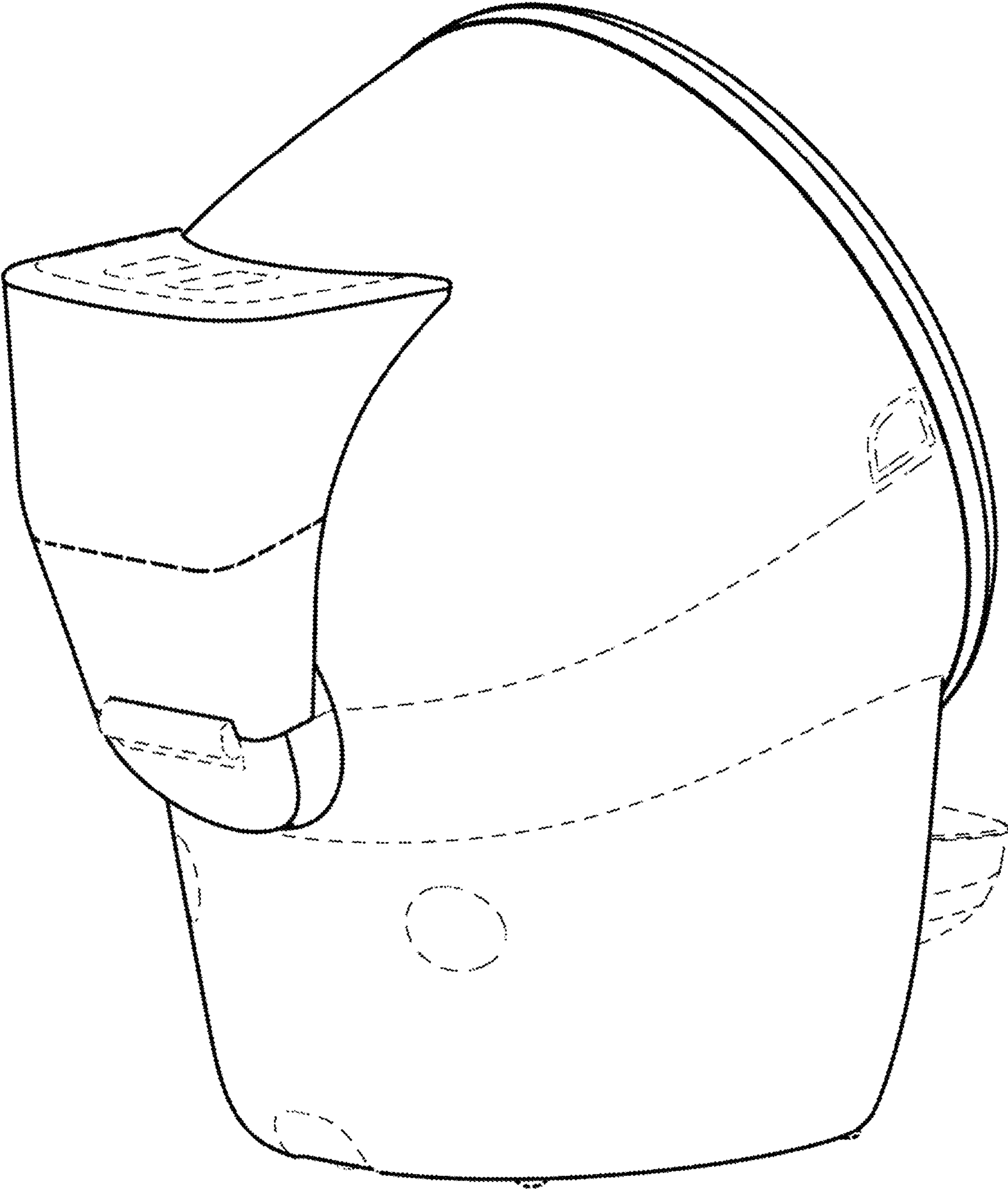


FIG.-2

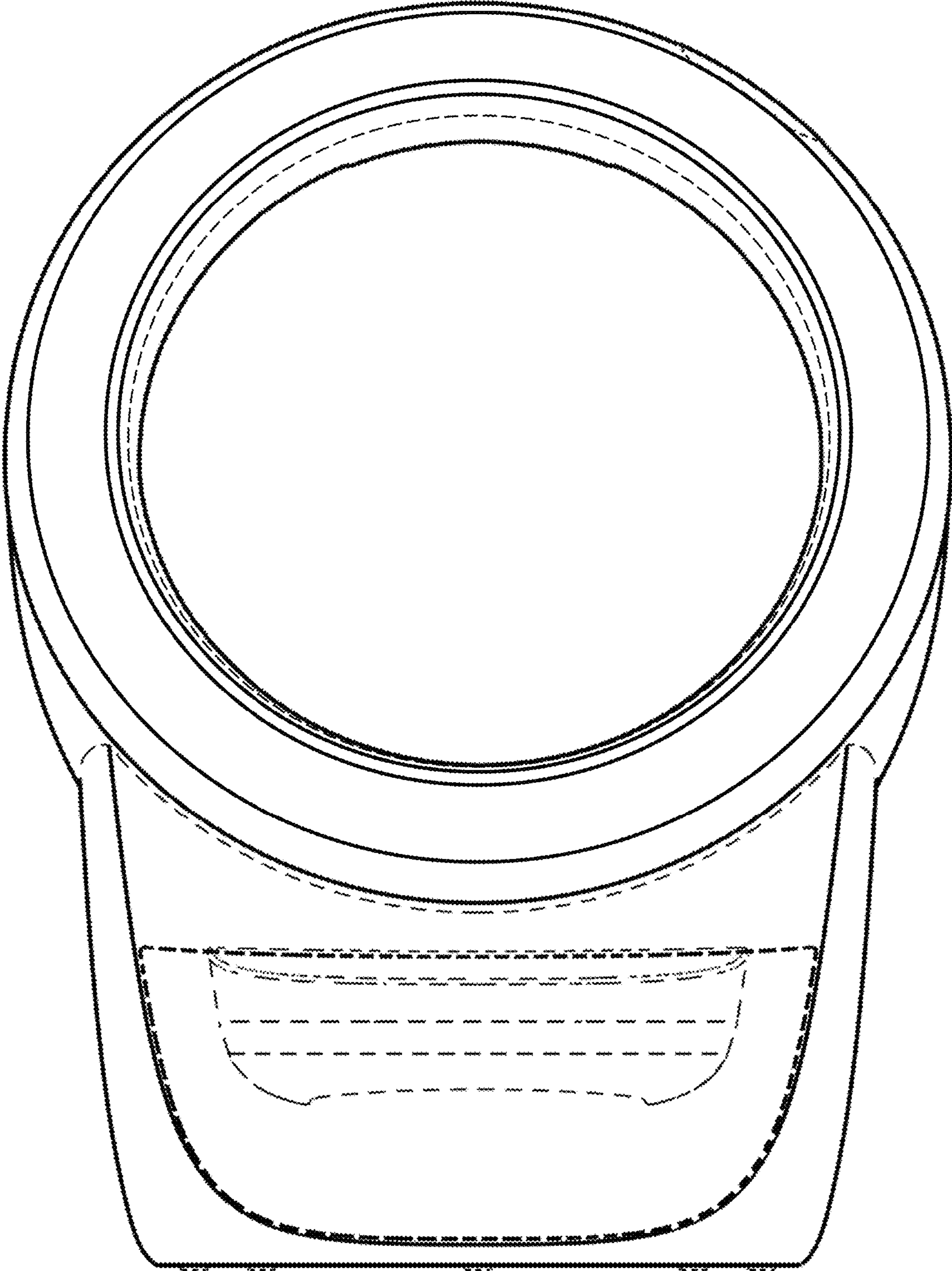
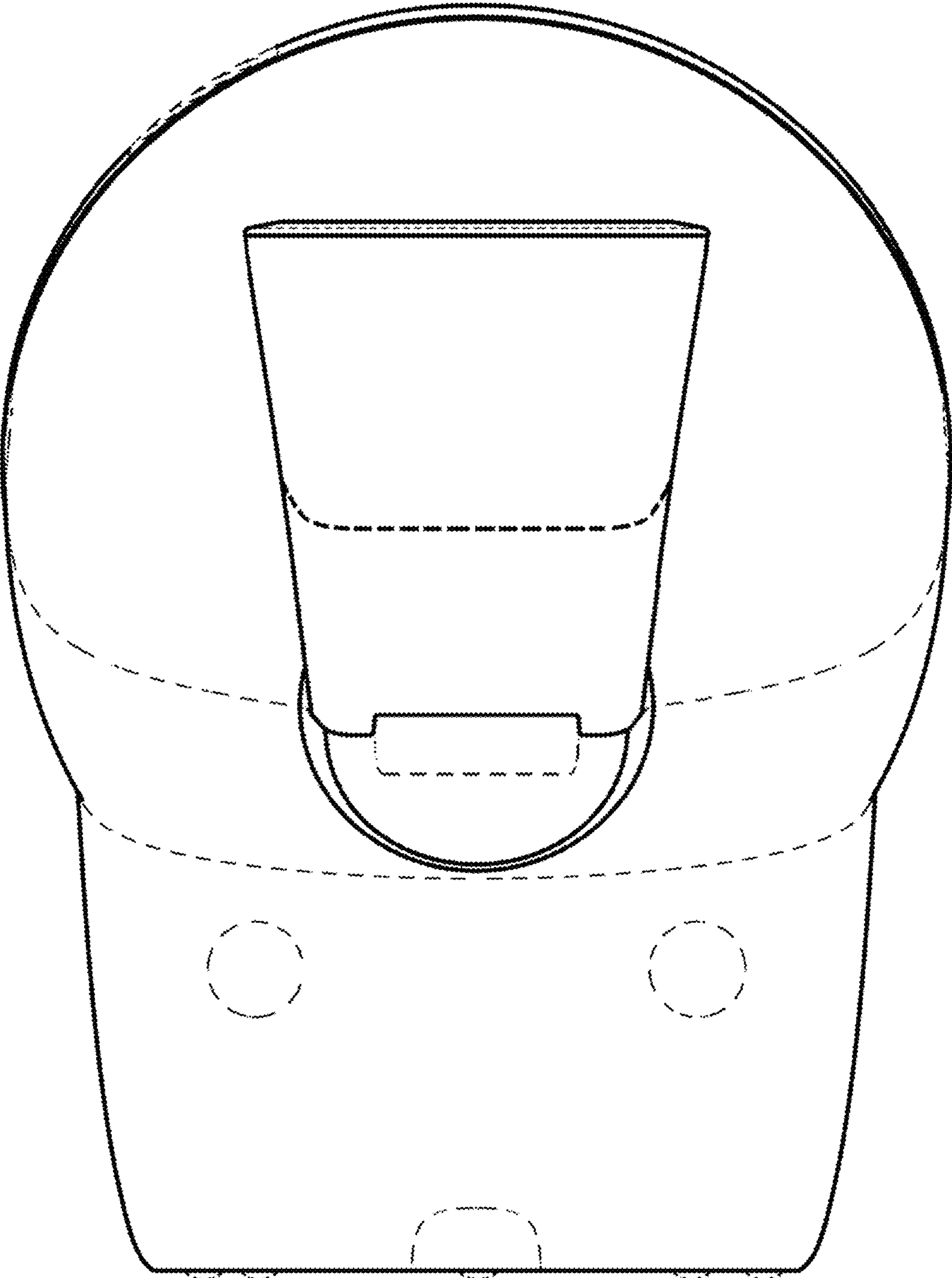
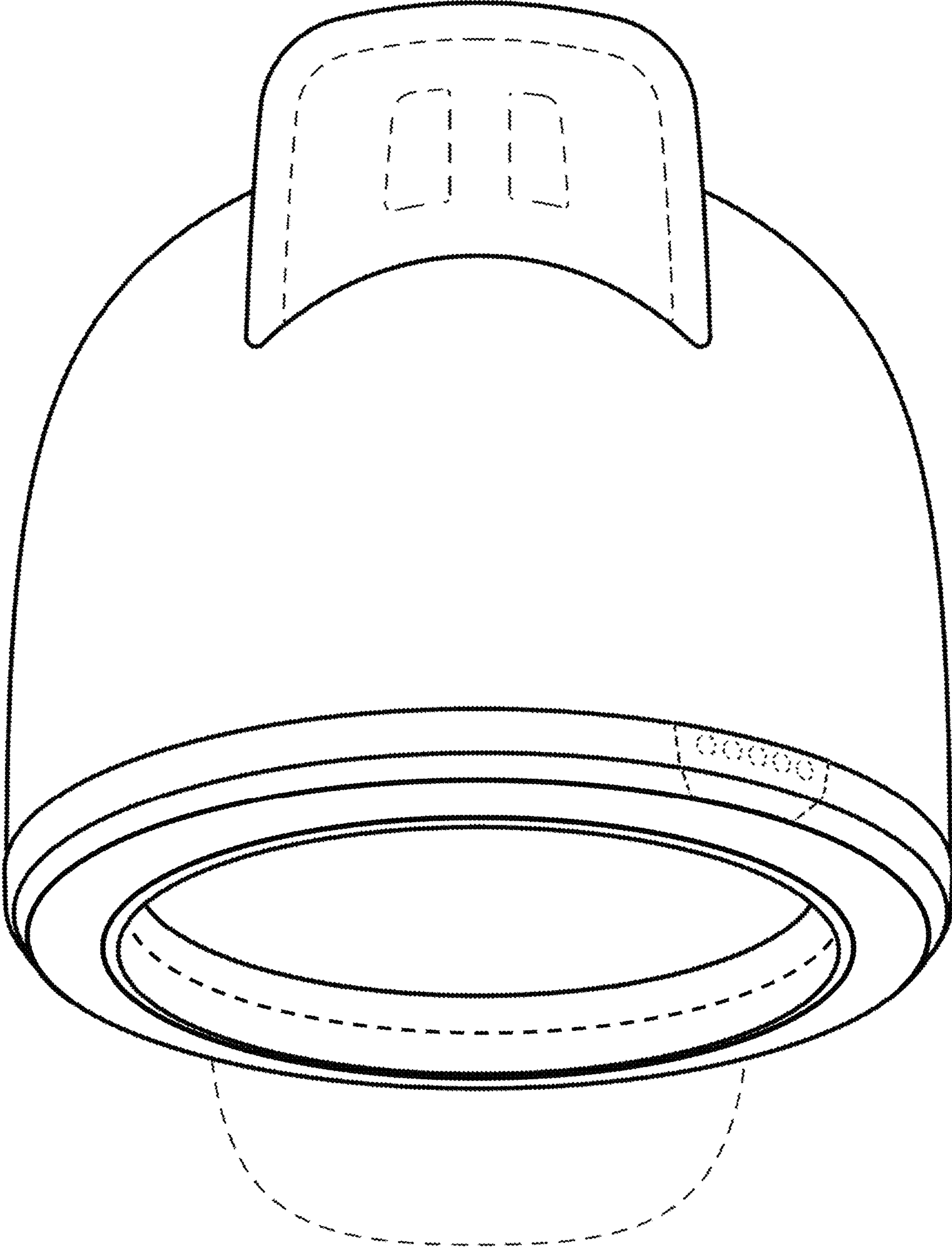


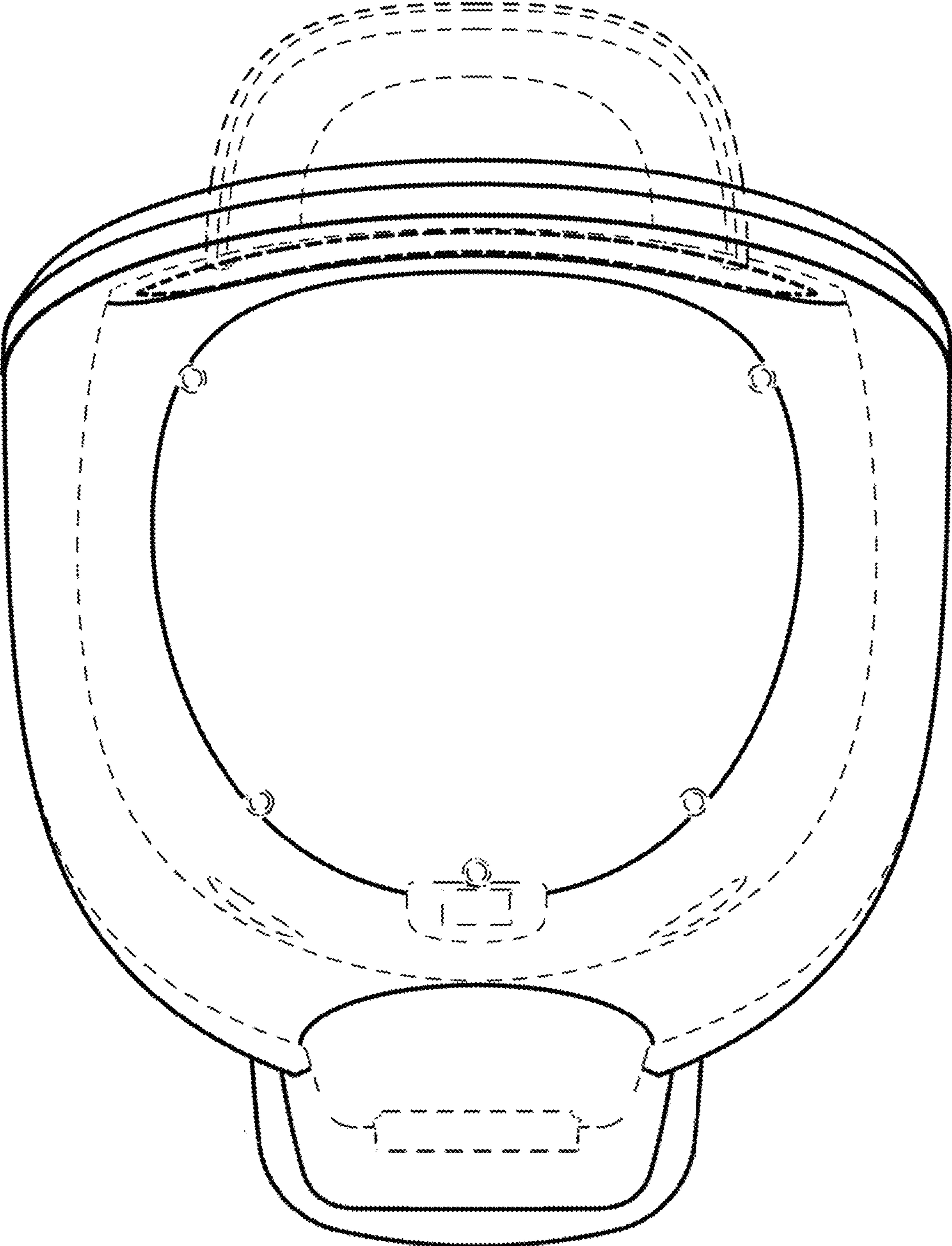
FIG.-3



**FIG.-4**



**FIG.-5**



**FIG.-6**



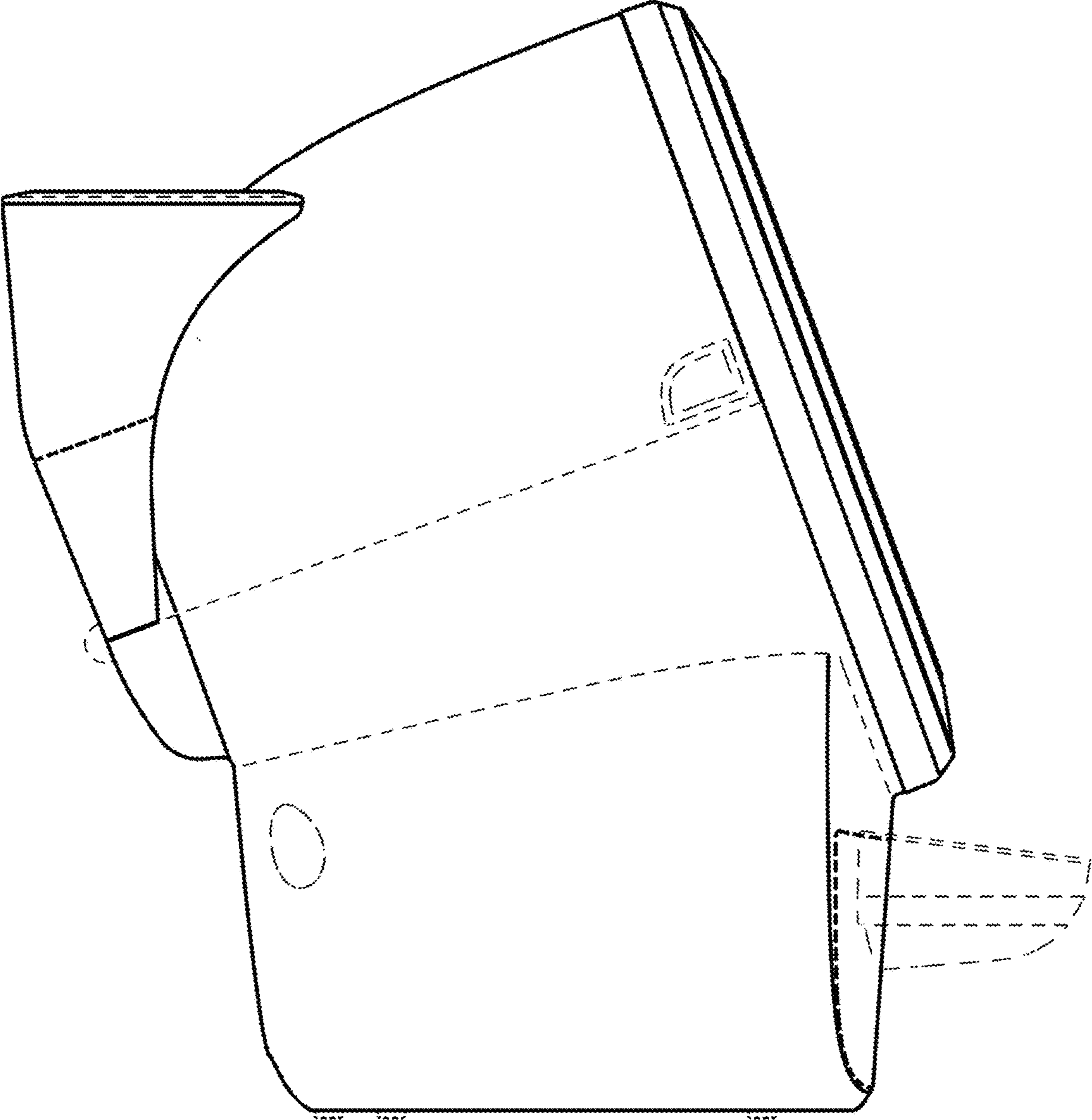
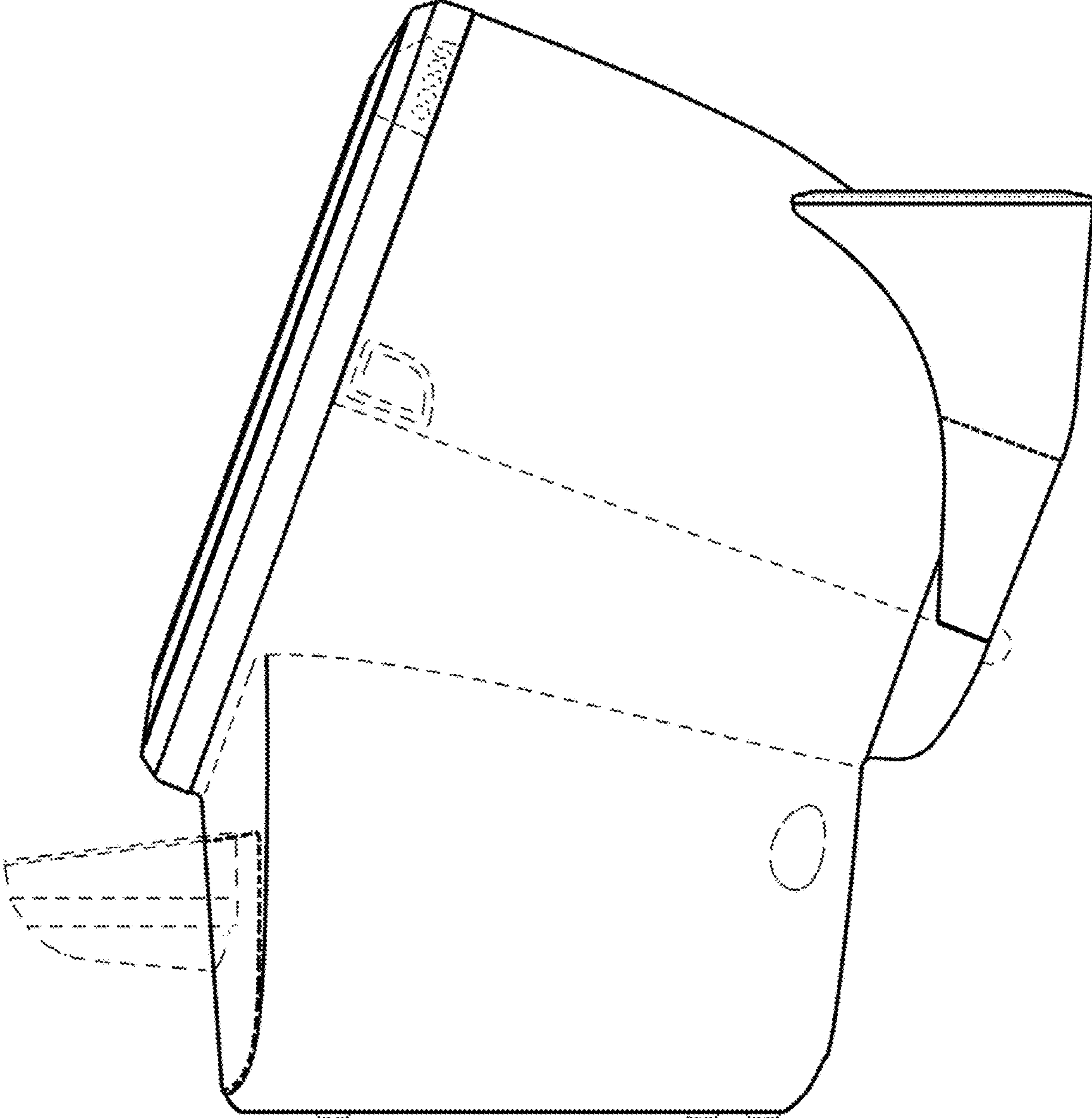


FIG.-7



**FIG.-8**