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**Jung et al.**

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(54) **ELECTRIC DENTAL CARE APPARATUS**

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(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

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

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**  
USPC ..... **D24/176; D24/180**

(58) **Field of Classification Search**  
USPC ..... D6/512, 528, 534; D24/107, 111, 121, D24/127, 152, 176, 177, 180-182  
CPC . A46B 13/023; A46B 5/0095; A46B 15/0008; A46B 15/0038; A46D 1/02; A46D 99/00; A61C 17/224  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D182,034 S \* 2/1958 Merendino ..... D6/534  
D299,095 S \* 12/1988 Gresens ..... D6/524

D356,708 S \* 3/1995 Shames ..... D6/527  
D417,992 S \* 12/1999 Roth ..... D6/531  
D423,265 S \* 4/2000 Azo ..... D6/528  
D423,847 S \* 5/2000 Roth ..... D6/534  
D686,327 S \* 7/2013 Marumori ..... D24/181  
D795,440 S \* 8/2017 Way ..... D24/181  
D820,458 S \* 6/2018 Way ..... D24/181  
D864,399 S \* 10/2019 Qin ..... D24/176  
D867,598 S \* 11/2019 Qin ..... D24/176  
D888,961 S \* 6/2020 Levine ..... D24/181  
D895,808 S \* 9/2020 Li ..... D24/176  
D899,600 S \* 10/2020 Li ..... D24/176

(Continued)

**OTHER PUBLICATIONS**

Amazon. AuraGlow Teeth Whitening Kit, LED Light, 35% Carbamide Peroxide, (2) 5ml Gel Syringes, Tray and Case. Jun. 3, 2015. <https://amzn.to/3riR9Km> (Year: 2015).\*

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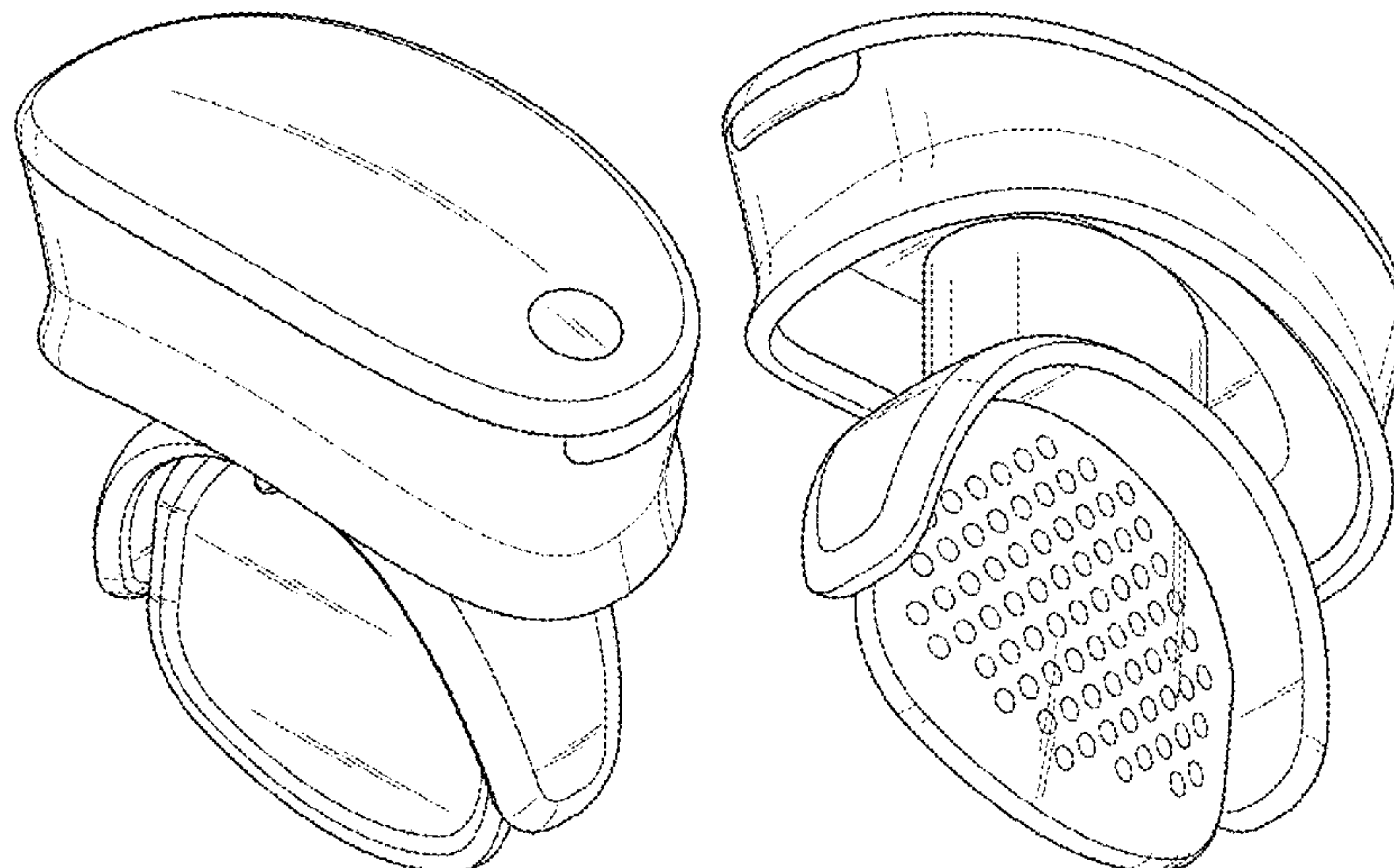
(57) **CLAIM**

The ornamental design for an electric dental care apparatus, as shown and described.

**DESCRIPTION**

1. Electric dental care apparatus  
1.1 : Front perspective view  
1.2 : Rear perspective view  
1.3 : Front  
1.4 : Back  
1.5 : Left  
1.6 : Right  
1.7 : Top  
1.8 : Bottom  
1.9 : Reference view showing a state of use  
Broken lines illustrate environmental condition only and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

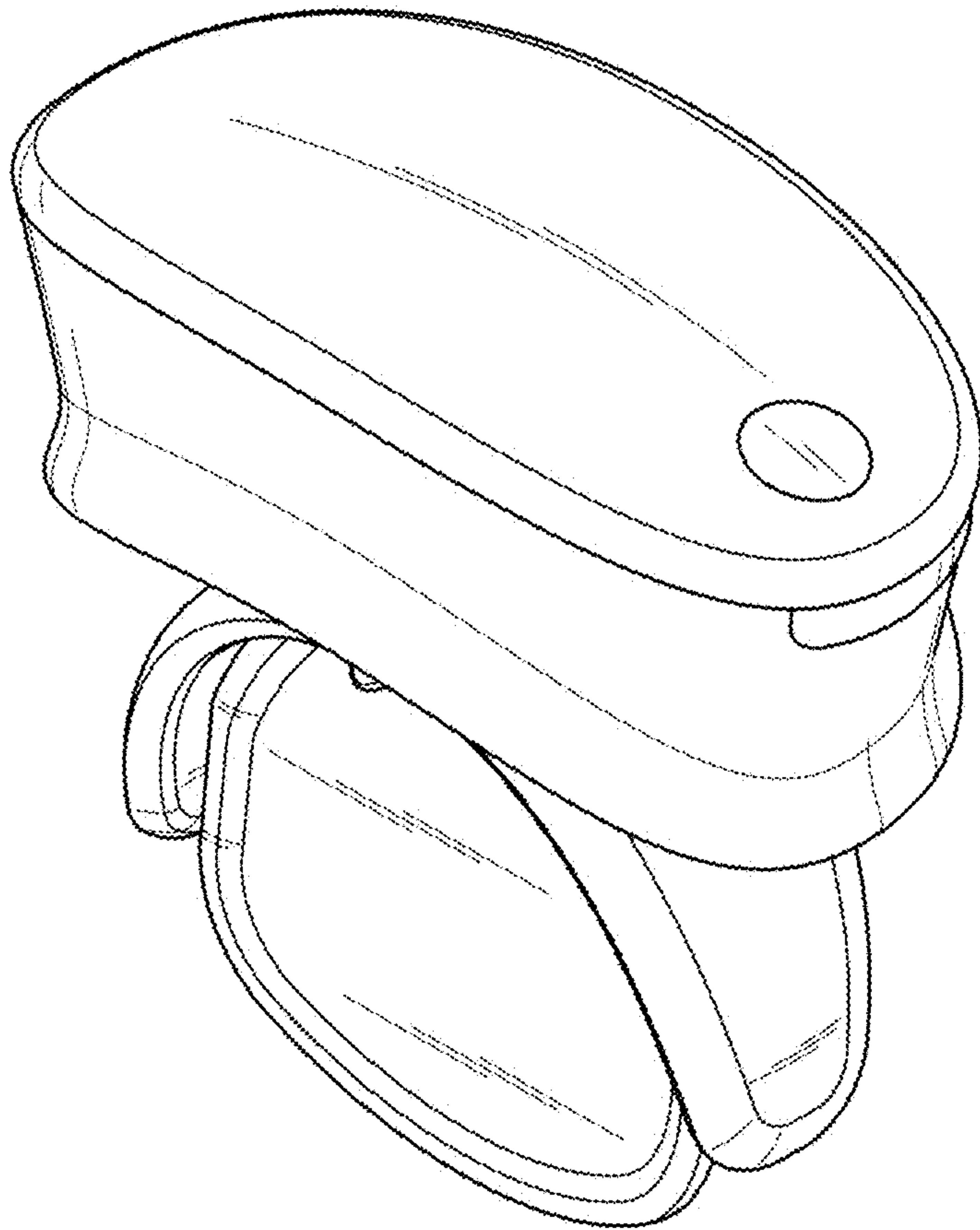
D904,620 S \* 12/2020 Farrell ..... D24/181  
D908,223 S \* 1/2021 Pai ..... D24/176  
D912,826 S \* 3/2021 Bao ..... D24/181

OTHER PUBLICATIONS

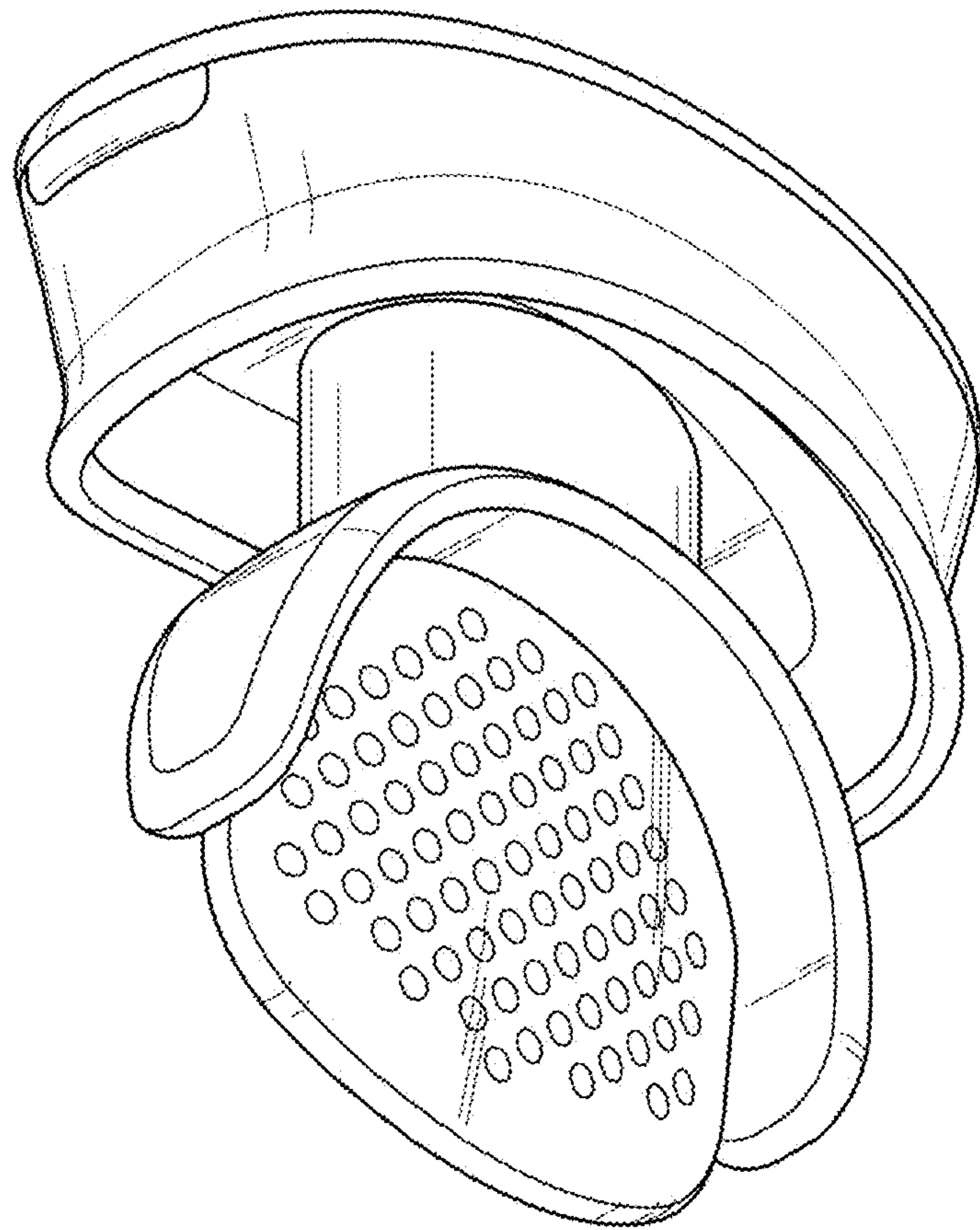
Medium. Review & Hack: DPL Oral Gum Care Light Therapy Led System Kit. May 5, 2018. <https://medium.com/@regit000/review-hack-dpl-oral-gum-care-light-therapy-led-system-kit-51df6ab98f28> (Year: 2018).\*

\* cited by examiner

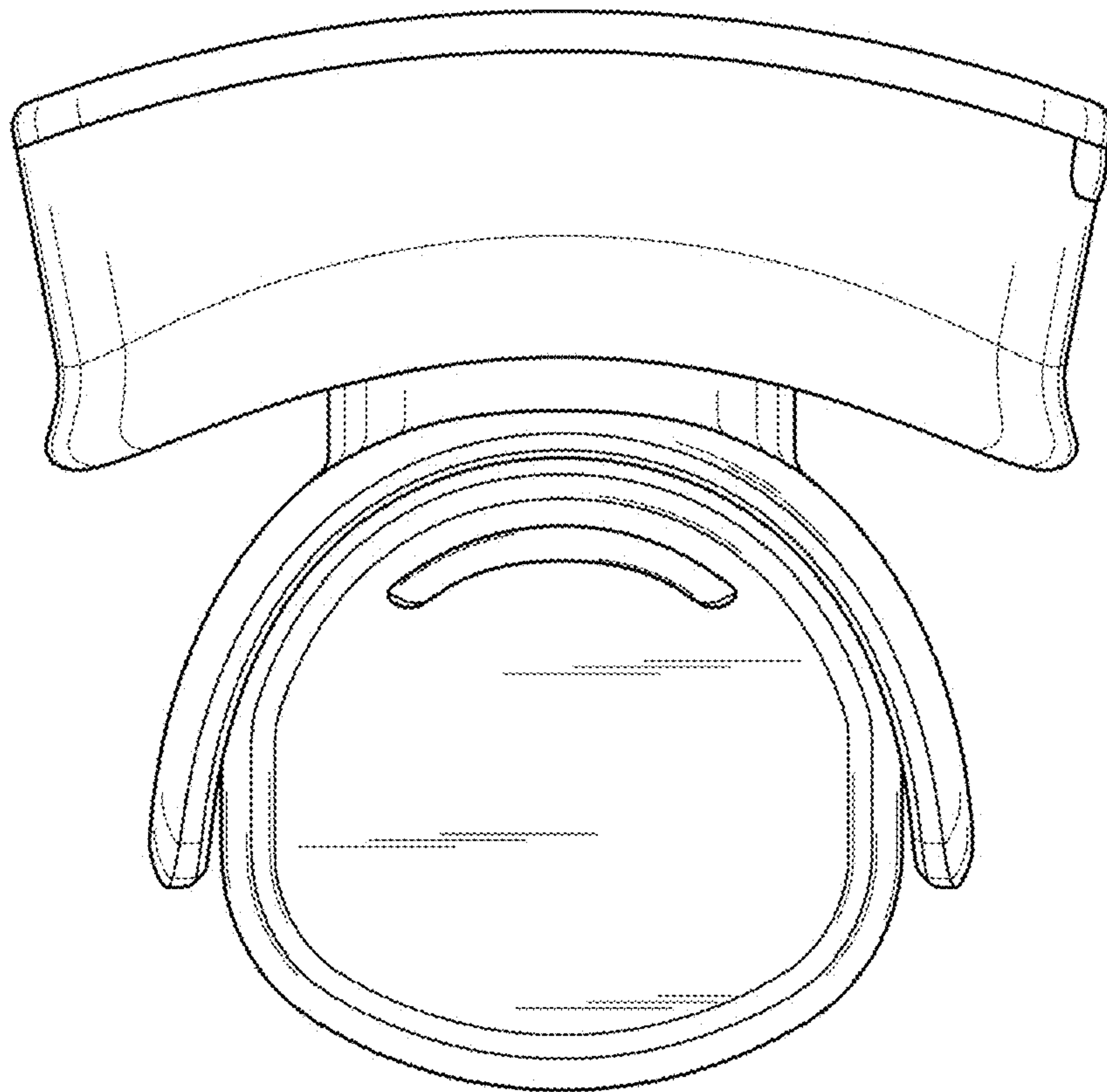
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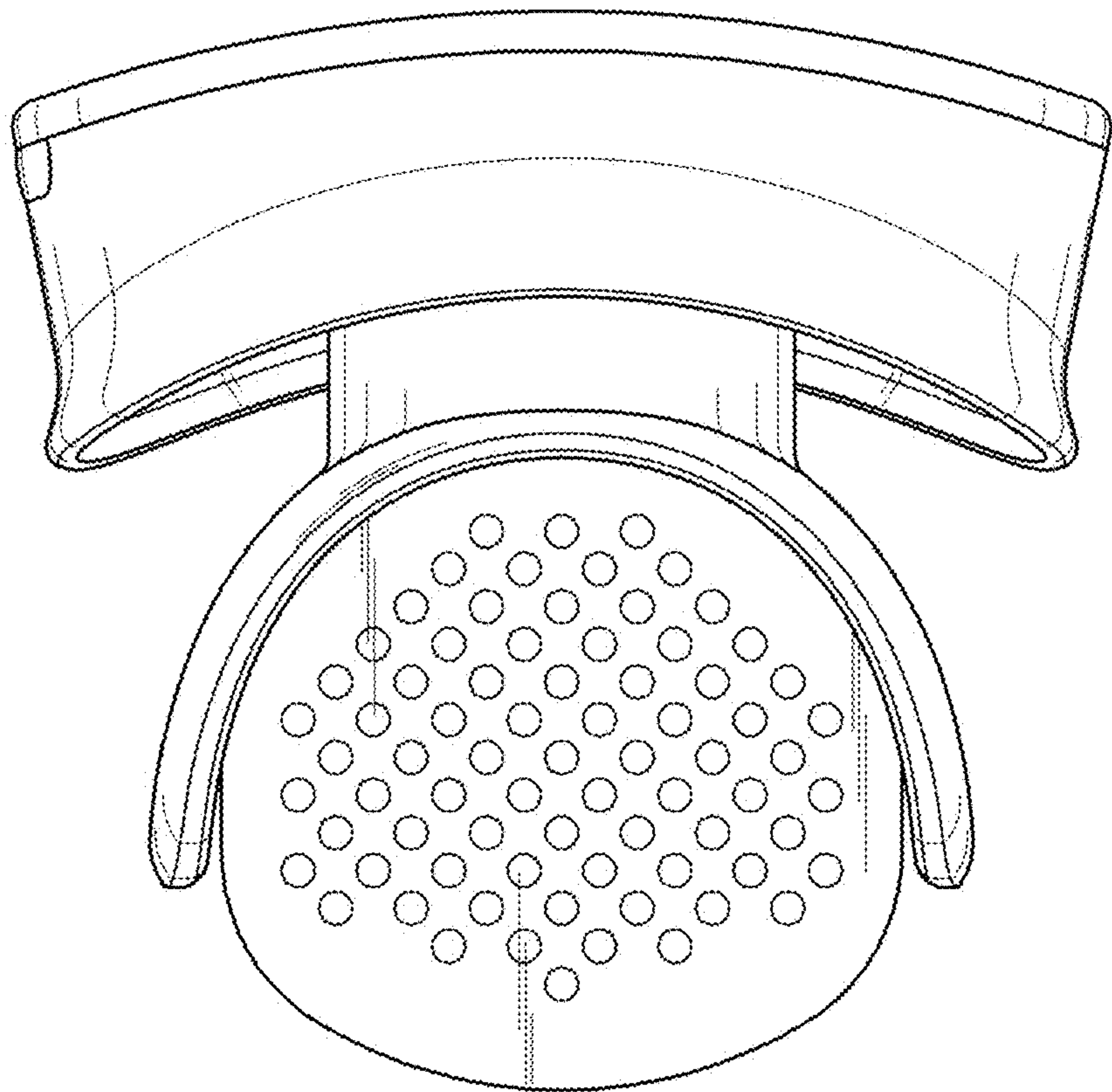


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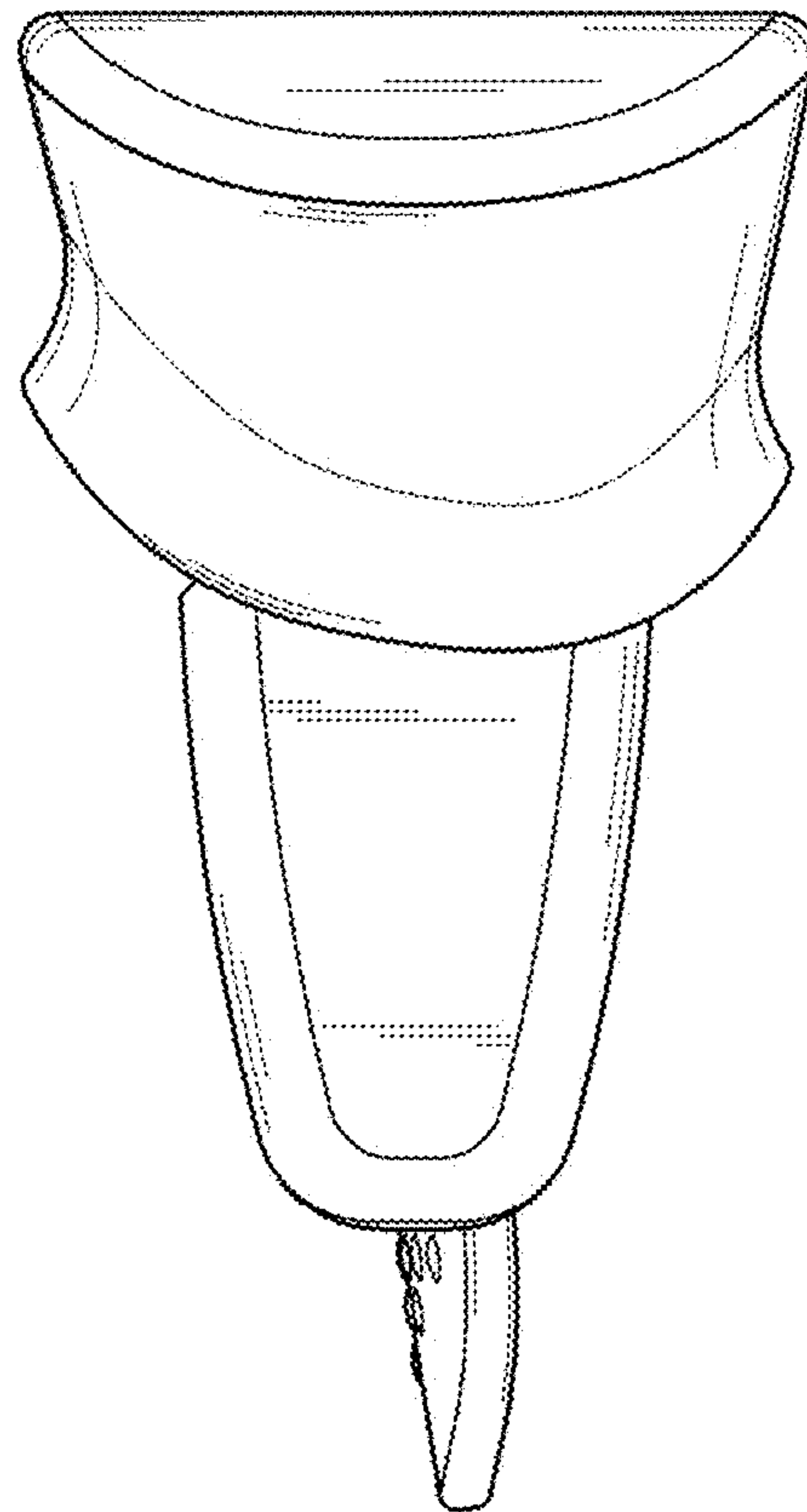




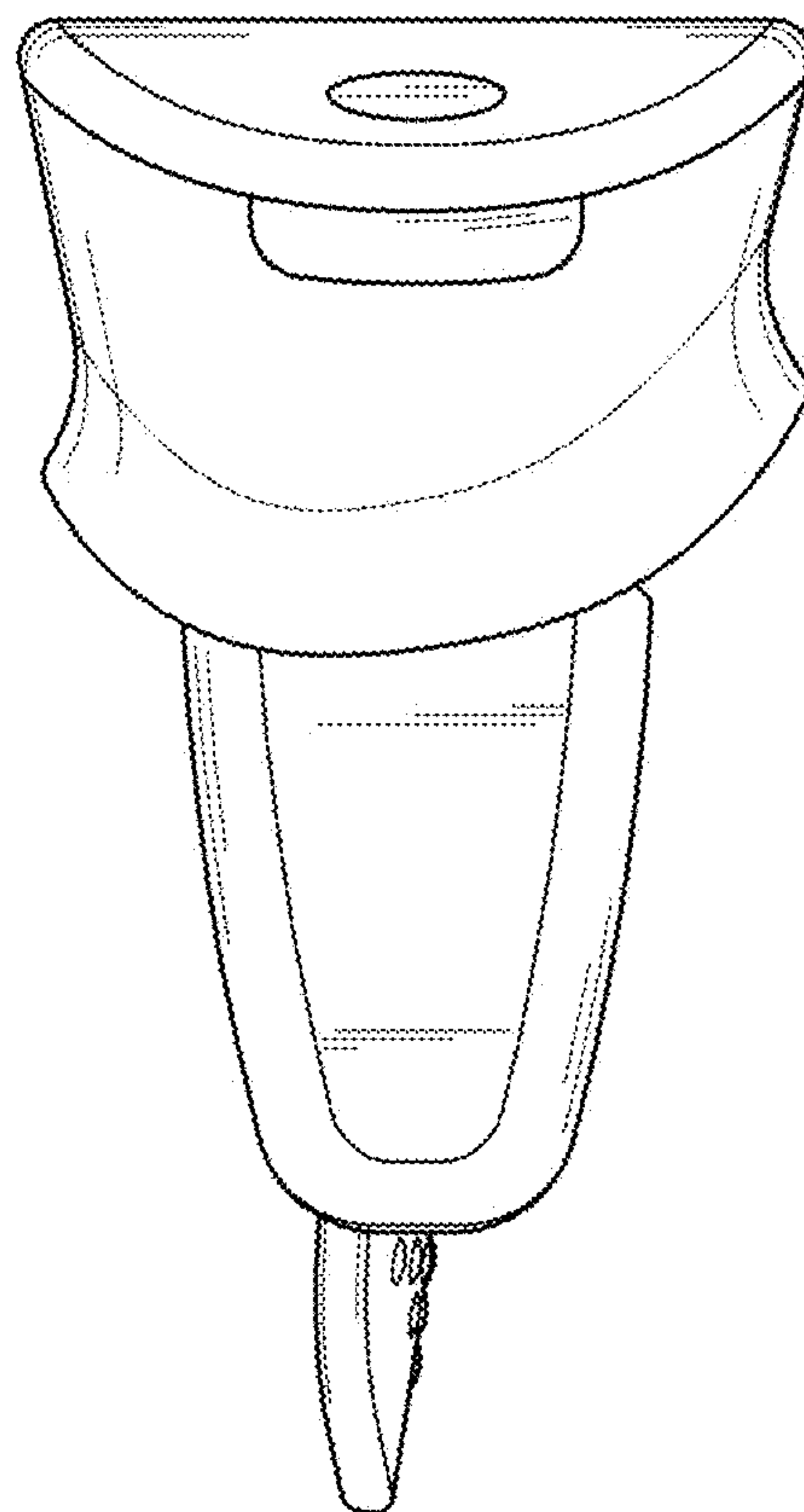
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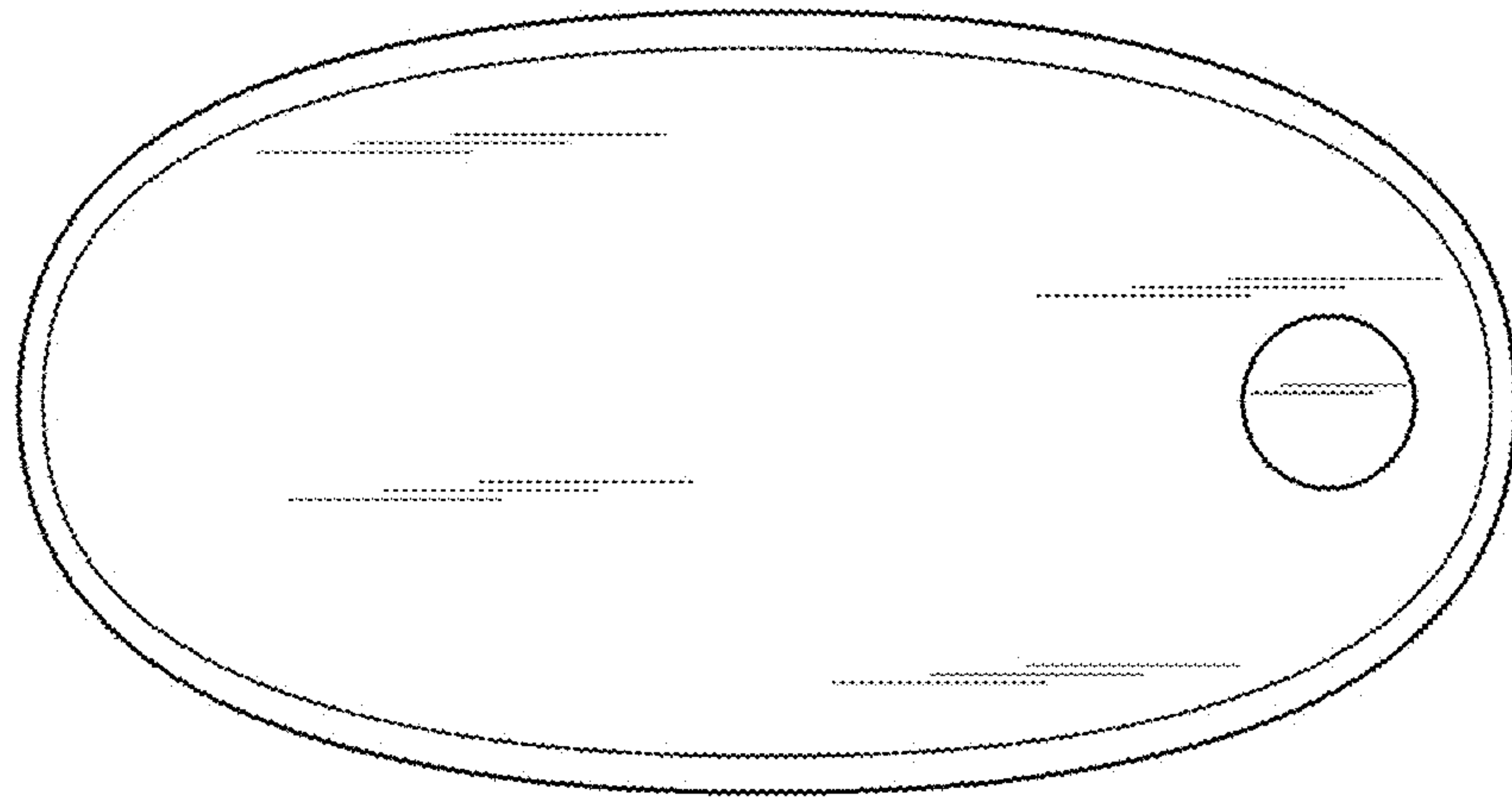


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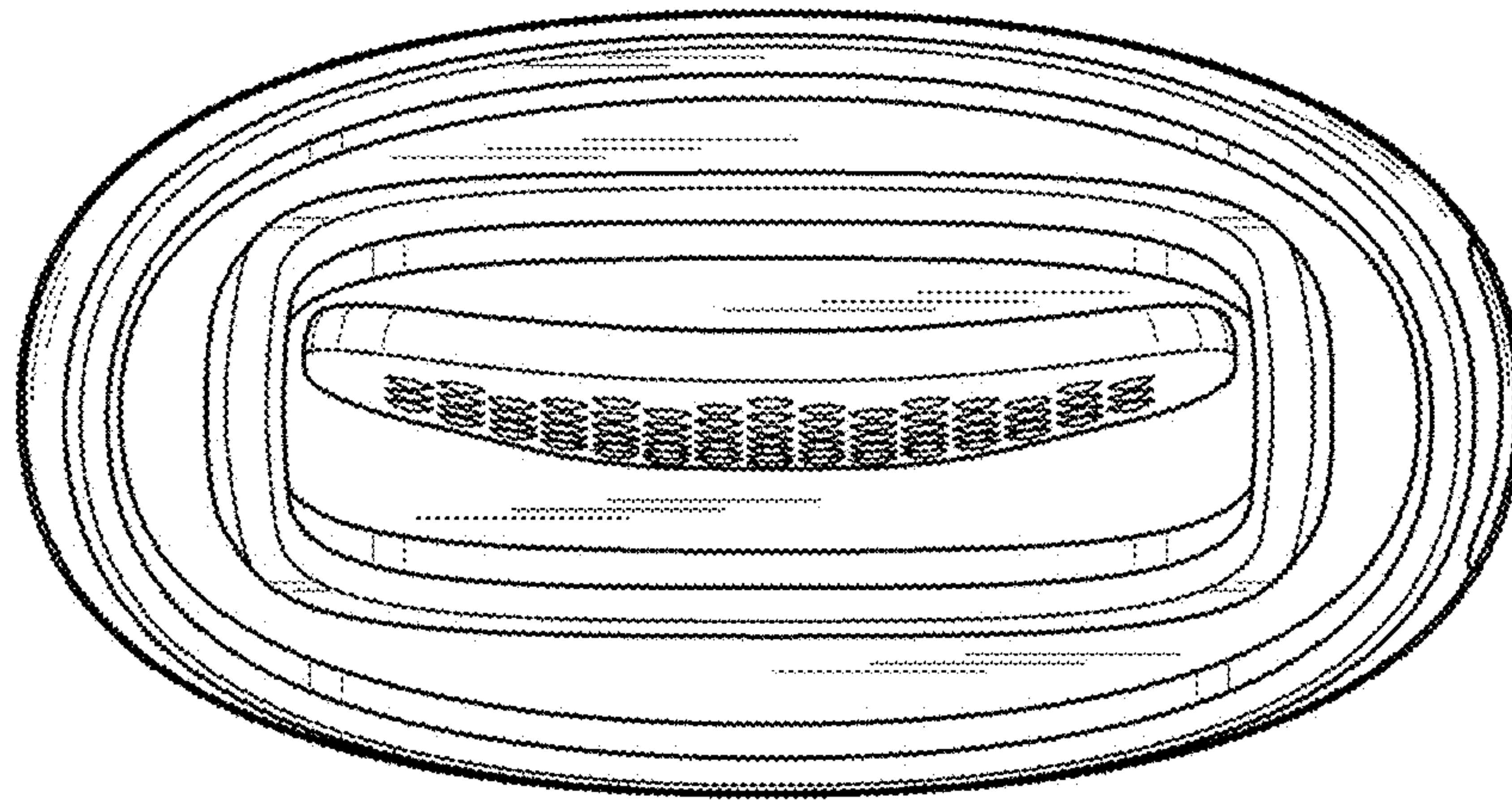




1.7



1.8



1.9

