



US0D1077157S

(12) **United States Design Patent**
Han et al.

(10) **Patent No.:** **US D1,077,157 S**

(45) **Date of Patent:** **** *May 27, 2025**

(54) **WEARABLE AIR CONDITIONER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **LG Electronics Inc.**, Seoul (KR)

IN 369115-001 * 12/2022

(72) Inventors: **Yoojeung Han**, Seoul (KR); **Seungho Baek**, Seoul (KR)

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

Torras Coolify Air• 2024 Upgrade Neck Air Conditioner, Ultra-Light Portable Neck Fan Rechargeable, Personal Cooling Device Neck Fans that blow cold air with 3 Modes Fan/Cooler/Heat, Black, available in Amazon.com, date first available Mar. 12, 2024[online], [site visited Aug. 15, 2024], Available from the internet URL: <https://www.amazon.com/TORRAS-COOLIFY-Air-Conditioner-Rechargeable/dp/B0CXSFJ4S5> (Year: 2024).*

(*) Notice: This patent is subject to a terminal disclaimer.

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

(Continued)

(21) Appl. No.: **35/519,907**

Primary Examiner — George J Ulsh

Assistant Examiner — Kathryn Elizabeth Zieno

(22) Filed: **Jan. 27, 2023**

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(80) **Hague Agreement Data**

Int. Filing Date: **Jan. 27, 2023**

Int. Reg. No.: **DM/227474**

Int. Reg. Date: **Jan. 27, 2023**

Int. Reg. Pub. Date: **Feb. 2, 2024**

(57) **CLAIM**

The ornamental design for a wearable air conditioner as shown and described.

DESCRIPTION

(30) **Foreign Application Priority Data**

Jul. 28, 2022 (KR) 30-2022-0030628

(51) **LOC (15) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/333**

(58) **Field of Classification Search**
USPC D14/372; D16/300, 310; D23/332, 333,
D23/370, 380; D29/109

(Continued)

1. Wearable air conditioner

1.1 : Perspective

1.2 : Front

1.3 : Back

1.4 : Left

1.5 : Right

1.6 : Top

1.7 : Bottom

1.8 : Exploded

1.9 : Perspective view 2

1.10 : Front view 2

1.11 : Back view 2

1.12 : Left view 2

1.13 : Right view 2

1.14 : Top view 2

1.15 : Bottom view 2

The broken lines depict portions of the wearable air conditioner that form no part of the claimed design; this design is

(Continued)

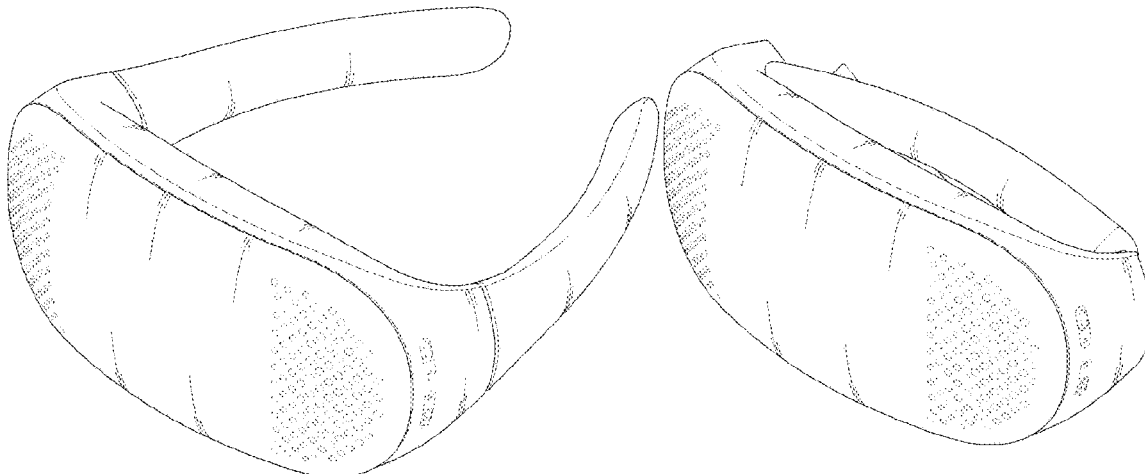
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for a neckband-type wearable air conditioner; as shown in reproductions 1.9 to 1.15, this design can be compactly folded for easy carrying; reproductions 1.1 to 1.8 show the state in which the claimed design has been unfolded, and reproductions 1.9 to 1.15 show the state in which the claimed design has been folded.

1 Claim, 15 Drawing Sheets

(58) **Field of Classification Search**
 CPC F24F 1/04; F24F 2221/12; F24F 2221/38;
 F04D 25/08; F04D 25/12; F04D 25/166
 See application file for complete search history.

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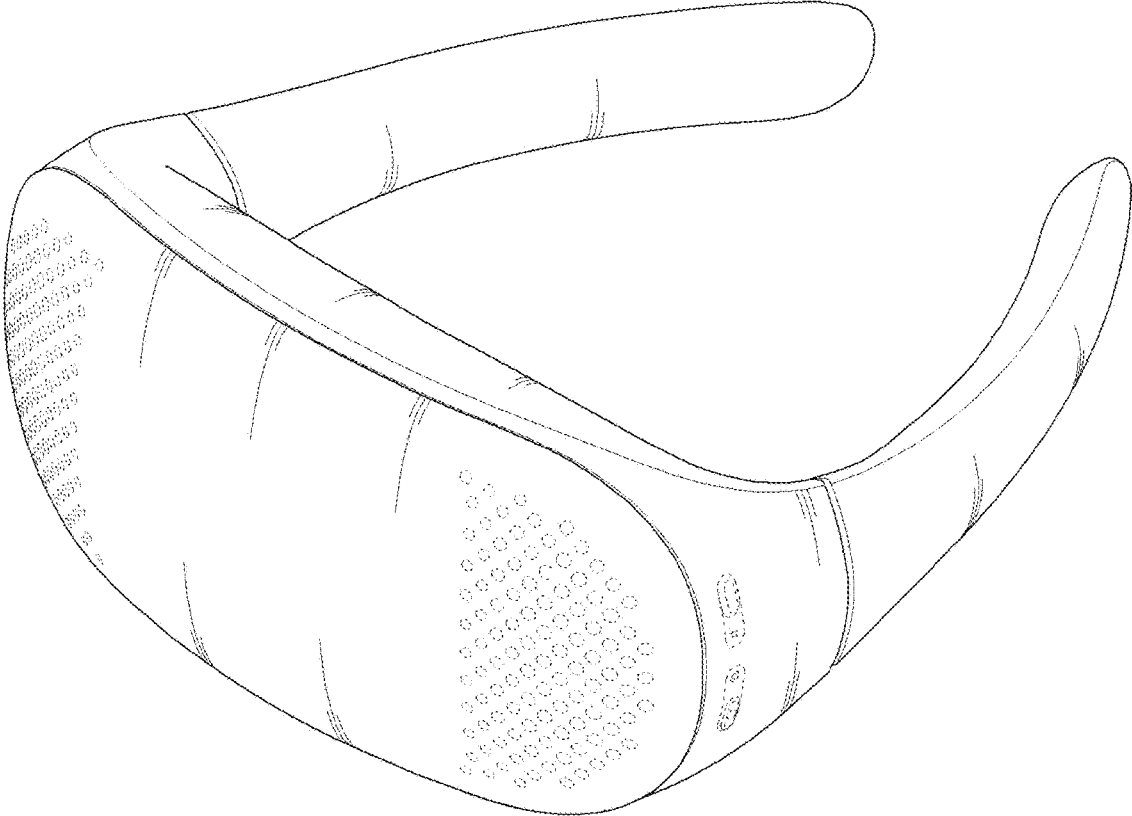
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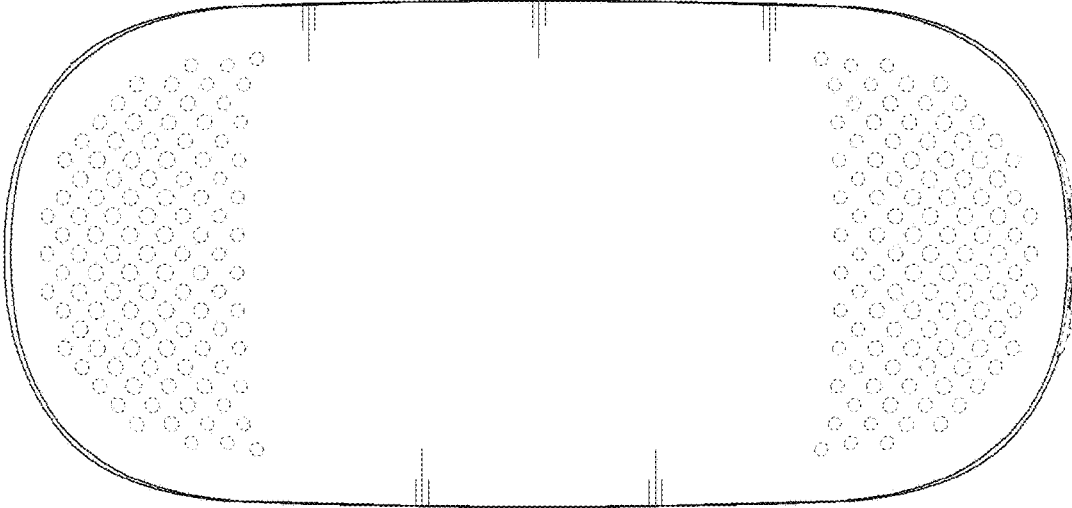
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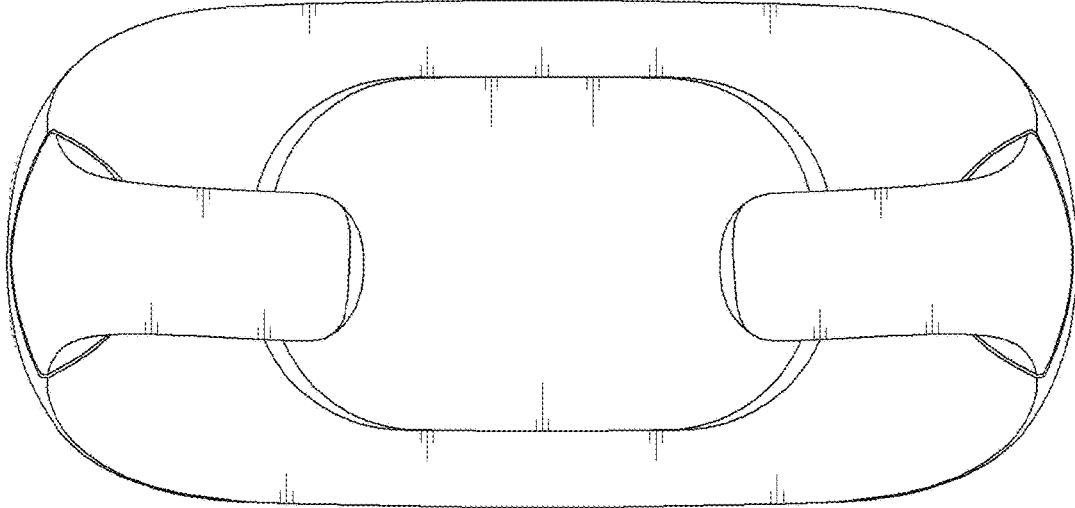
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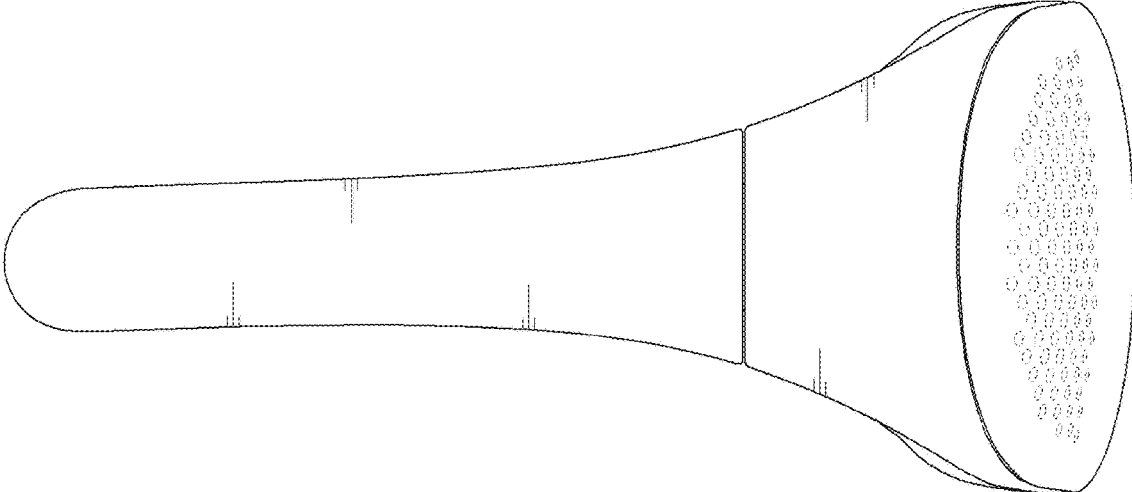
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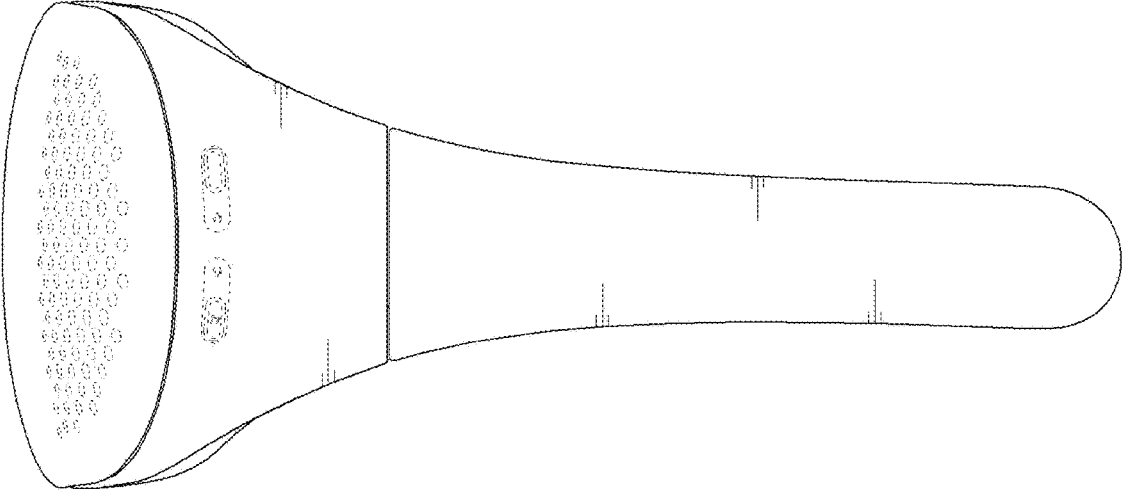
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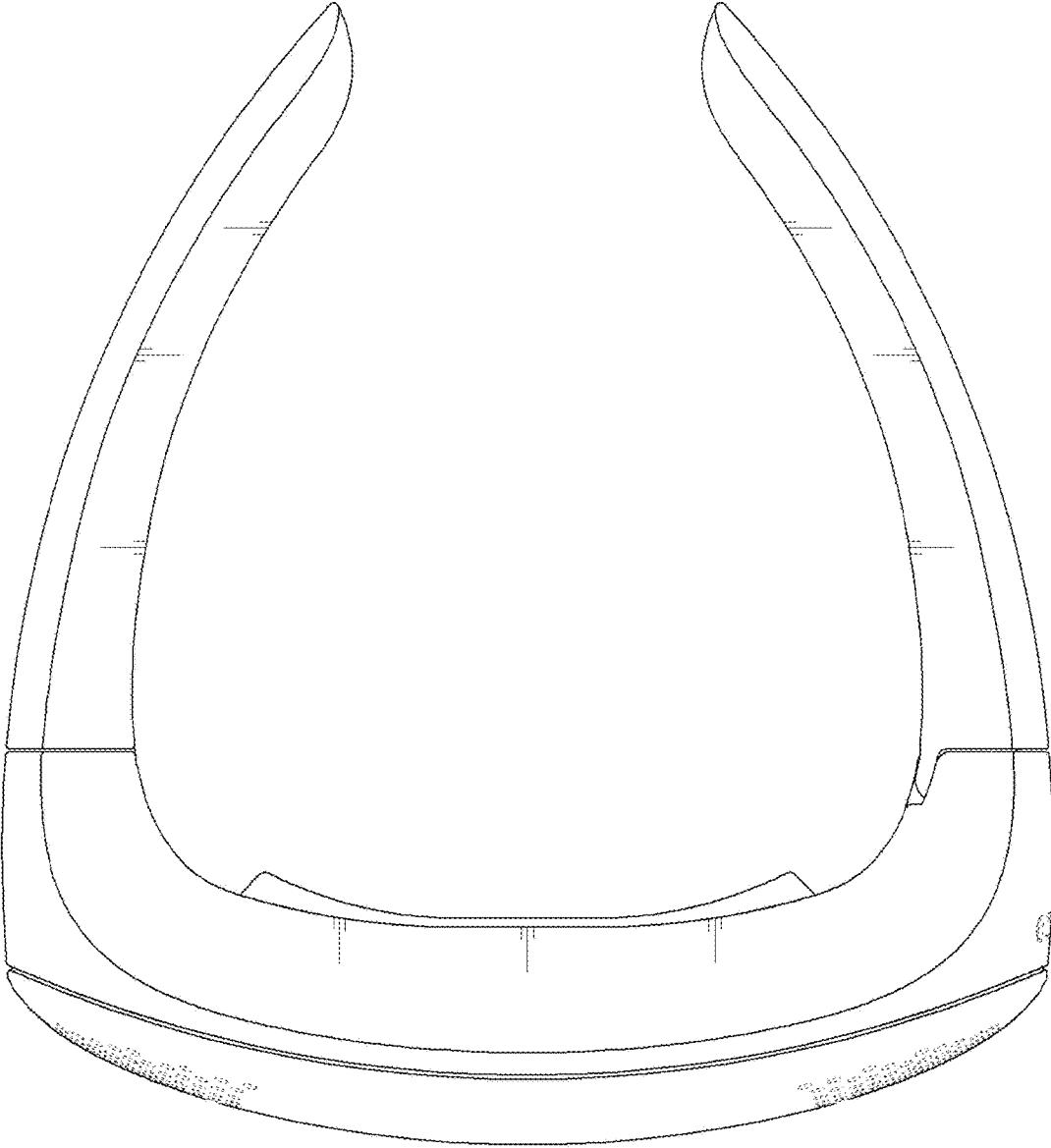
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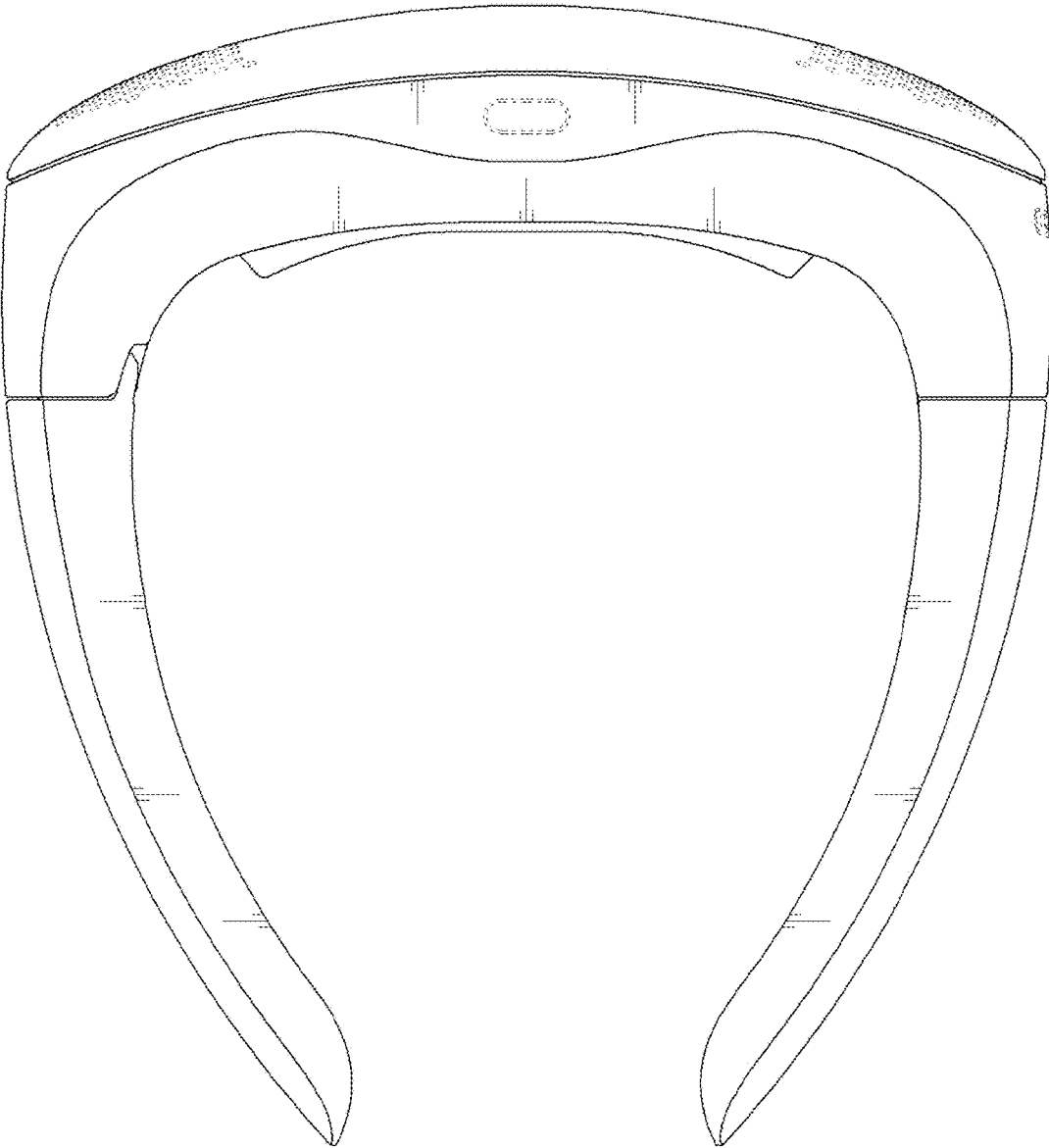
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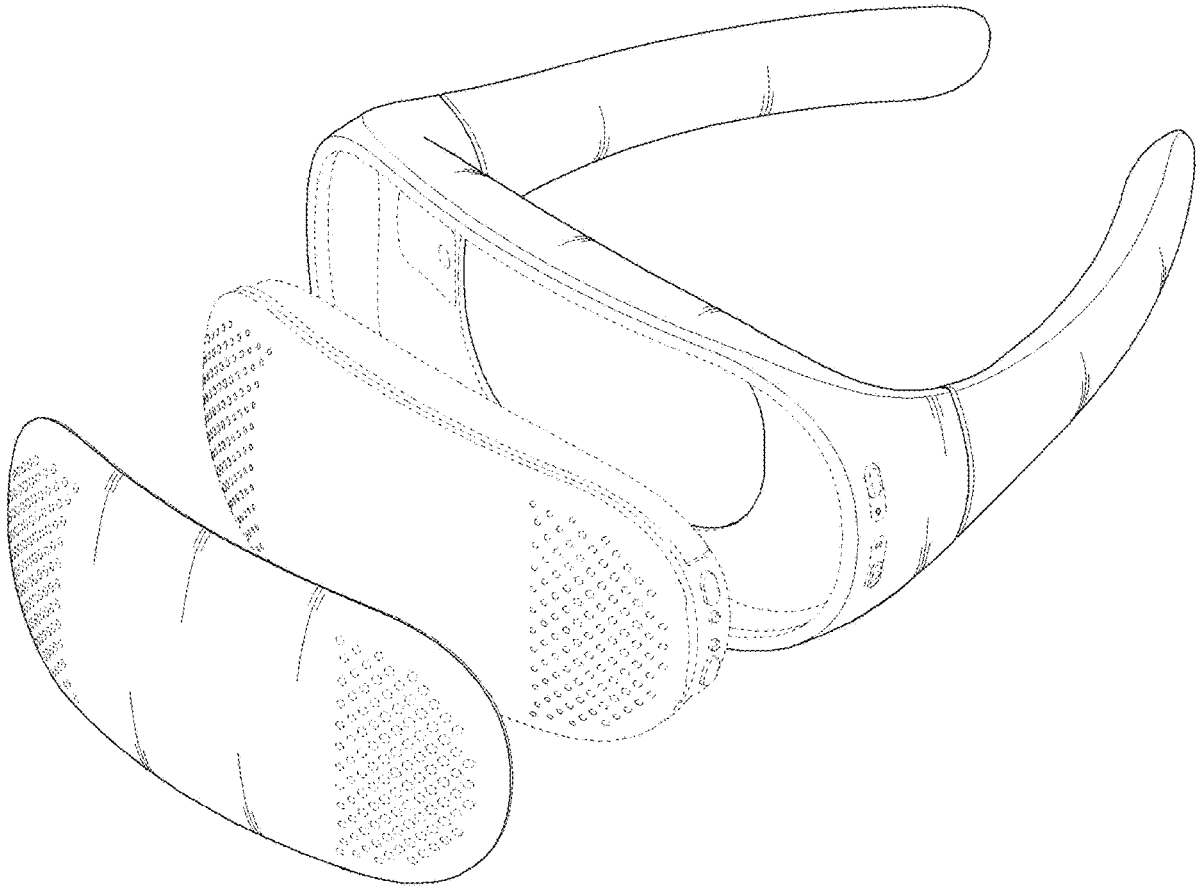
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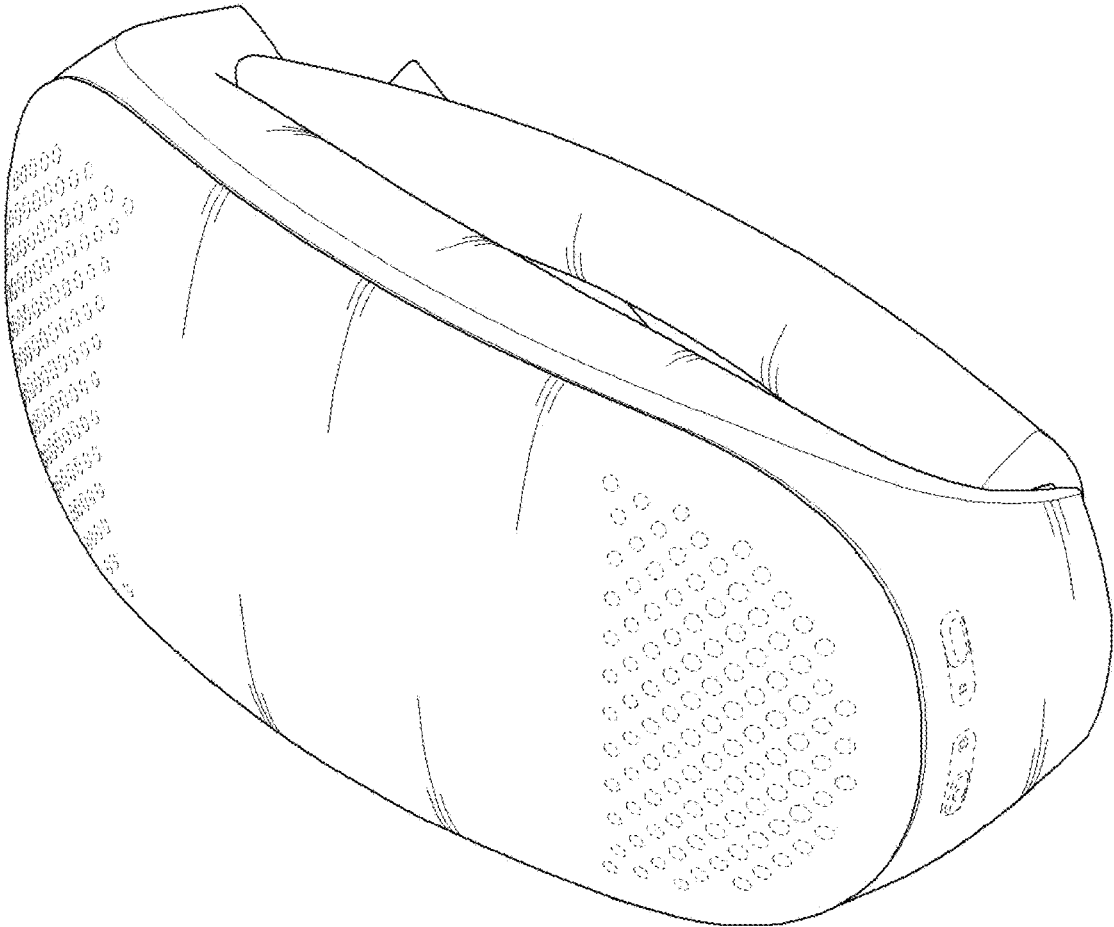
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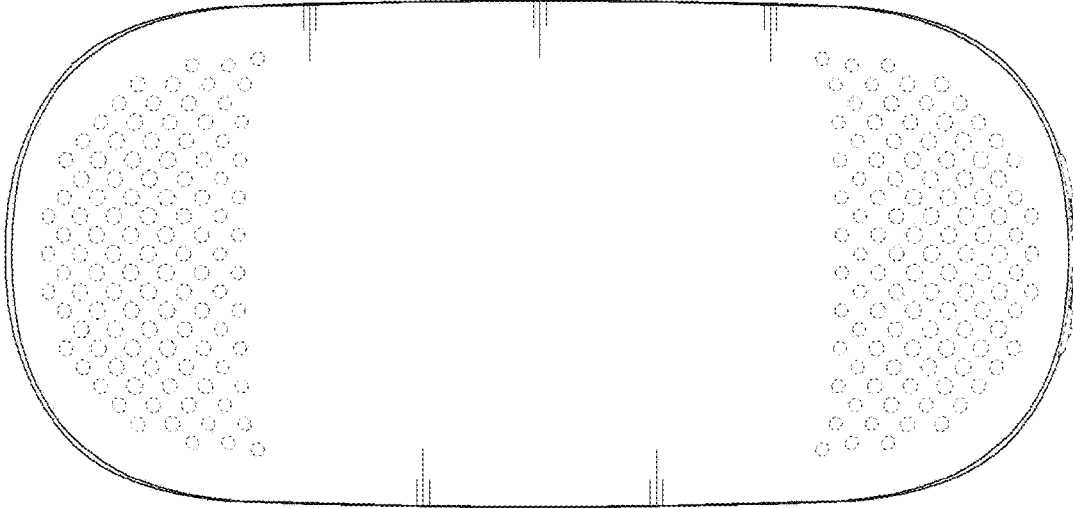
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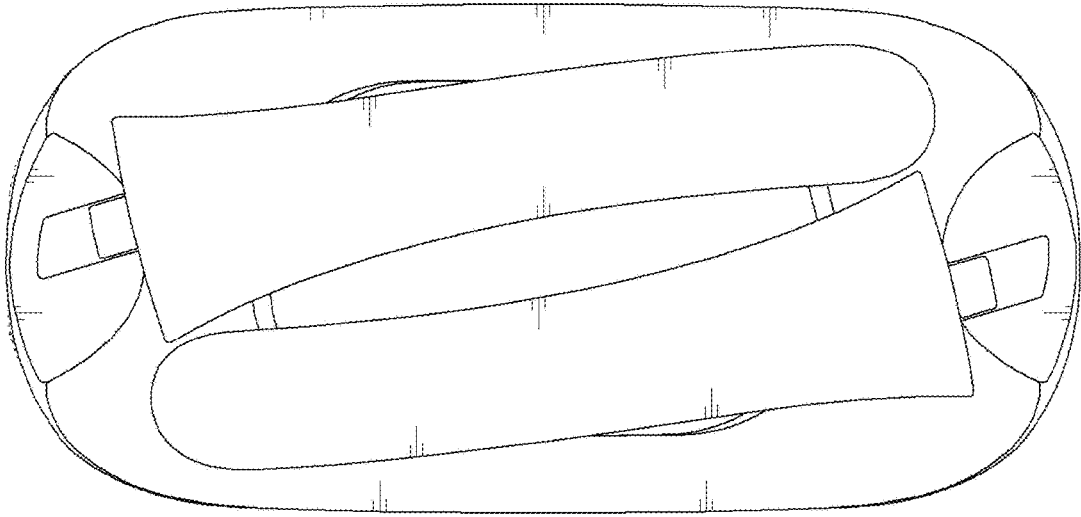
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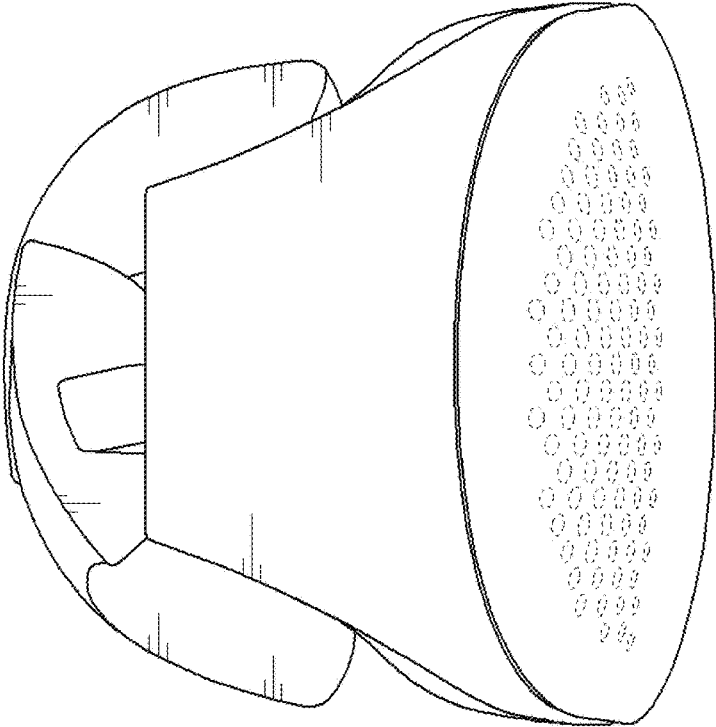
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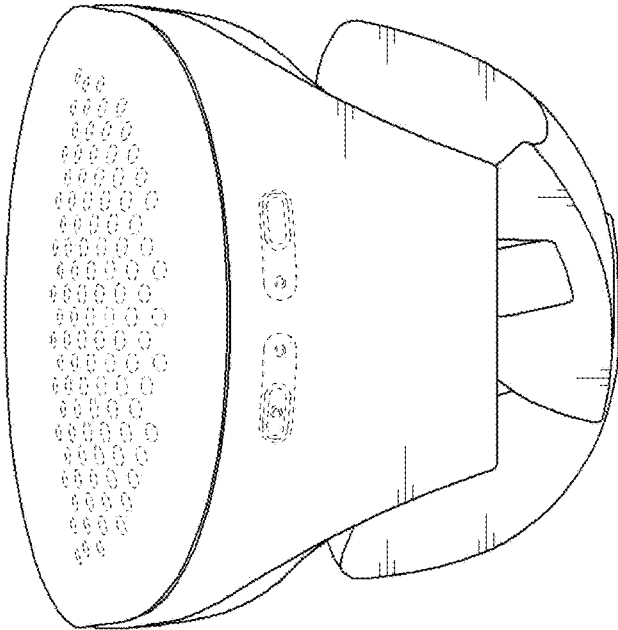
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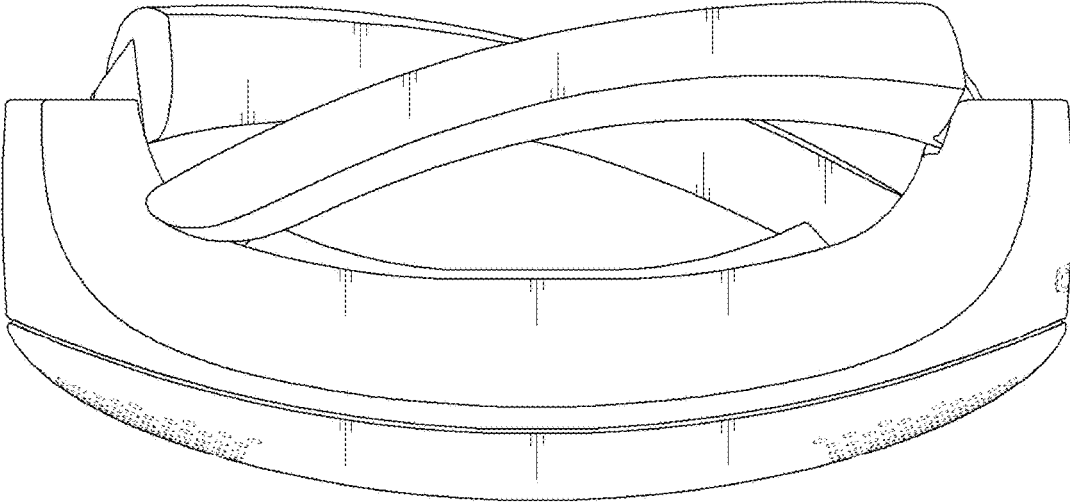
1.12



1.13



1.14



1.15

