



US0D1055055S

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

(10) **Patent No.:** **US D1,055,055 S**

(45) **Date of Patent:** **** Dec. 24, 2024**

(54) **CUSHION FOR HEAD-MOUNTED DISPLAY**

Primary Examiner — Austin Murphy

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(71) Applicant: **ResMed Pty Ltd**, Bella Vista (AU)

(57) **CLAIM**

(72) Inventors: **Aaron Samuel Davidson**, Sydney (AU); **Ian Andrew Law**, Sydney (AU); **Hugh Francis Stewart Thomas**, Sydney (AU); **Kishore Markapuram Chengalvarayan**, Sydney (AU); **Shiva Kumar Shanmuga Sundara**, Sydney (AU); **Riley Joel Moore**, Sydney (AU); **Gregory Kendall Knight**, Sydney (AU)

The ornamental design for a cushion for head-mounted display, as shown and described.

DESCRIPTION

(73) Assignee: **ResMed Pty Ltd**, Bella Vista (AU)

FIG. 1 is a front perspective view of a cushion for head-mounted display showing a first embodiment of our new design;

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

FIG. 2 is a front perspective view thereof in isolation without the sample display shown in FIG. 1;

(21) Appl. No.: **29/851,773**

FIG. 3 is a front view thereof;

(22) Filed: **Aug. 31, 2022**

FIG. 4 is a rear view thereof;

(51) **LOC (14) Cl.** **14-02**

FIG. 5 is a top view thereof;

(52) **U.S. Cl.**

FIG. 6 is a bottom view thereof;

USPC **D14/372**

FIG. 7 is a left side view thereof;

(58) **Field of Classification Search**

USPC D14/372, 496, 432, 371, 125, 126, 129, D14/299; D16/300–342; 351/158, 153, 351/144; 345/7–9, 905; 455/344; 348/115, 53, 121, 739

FIG. 8 is a right side view thereof;

CPC G02B 27/017; G02B 27/0158; G02B 27/0161; G02B 27/0181; G02B 27/0185; G02B 27/0189

FIG. 9 is a rear perspective view thereof;

See application file for complete search history.

FIG. 10 is a bottom perspective view thereof;

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,605,008 B1 * 12/2013 Prest G02B 27/0176 345/7
D805,515 S * 12/2017 Bowes D14/372
D831,029 S * 10/2018 Gu D14/372

FIG. 11 is a front perspective view of a cushion for head-mounted display showing a second embodiment of our new design;

FIG. 12 is a front perspective view thereof in isolation without the sample display shown in FIG. 11;

FIG. 13 is a front view thereof;

FIG. 14 is a rear view thereof;

FIG. 15 is a top view thereof;

FIG. 16 is a bottom view thereof;

FIG. 17 is a left side view thereof;

FIG. 18 is a right side view thereof;

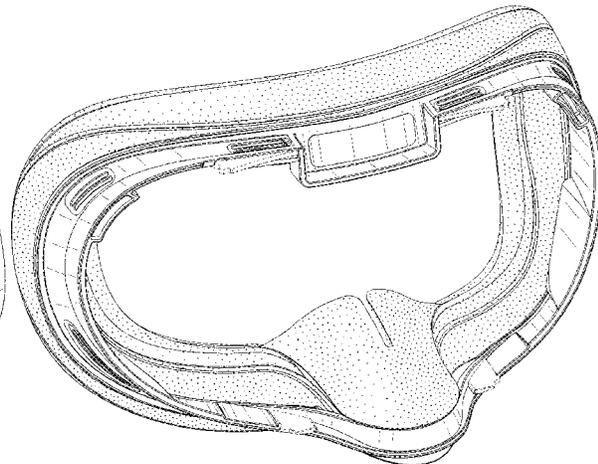
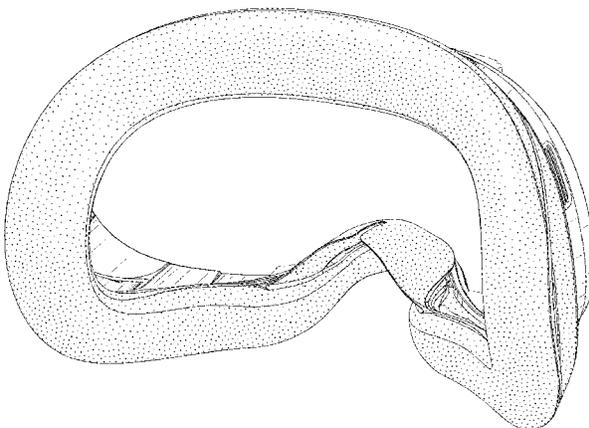
FIG. 19 is a rear perspective view thereof; and,

FIG. 20 is a bottom perspective view thereof.

The broken lines represent environmental structure or unclaimed portions of the cushion for head-mounted display and do not form a portion of the claimed design.

In FIGS. 1-10, the combination of line shading (e.g., plastic frame) and stippling (elastomeric cushion) is intended to convey a contrast in appearance/materials.

1 Claim, 20 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D865,762	S	*	11/2019	Lau	.....	D14/372
D894,181	S	*	8/2020	Kitakami	.....	D14/372
D895,616	S	*	9/2020	Kitakami	.....	D14/372
D900,096	S	*	10/2020	Wang	.....	D14/372
D930,647	S	*	9/2021	Chen	.....	D14/372
D937,832	S	*	12/2021	Bhat	.....	D14/372
D949,856	S	*	4/2022	Nishimura	.....	D14/372
D960,157	S	*	8/2022	Chen	.....	D14/372
D973,658	S	*	12/2022	Li	.....	D14/372
D1,001,127	S	*	10/2023	Hu	.....	D14/372
D1,004,587	S	*	11/2023	Lu	.....	D14/372
D1,012,931	S	*	1/2024	Hsiao	.....	D14/372

* cited by examiner

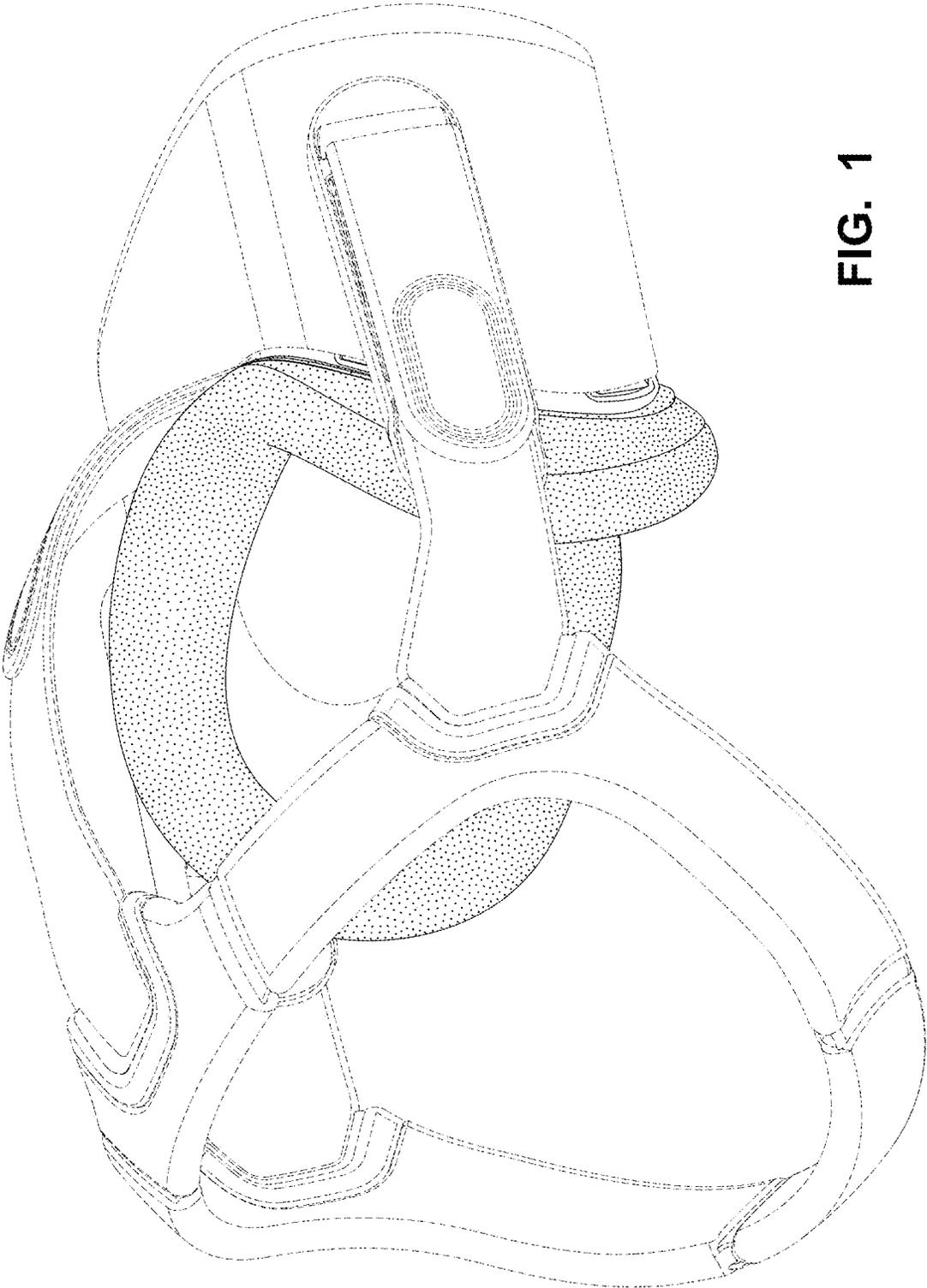


FIG. 1

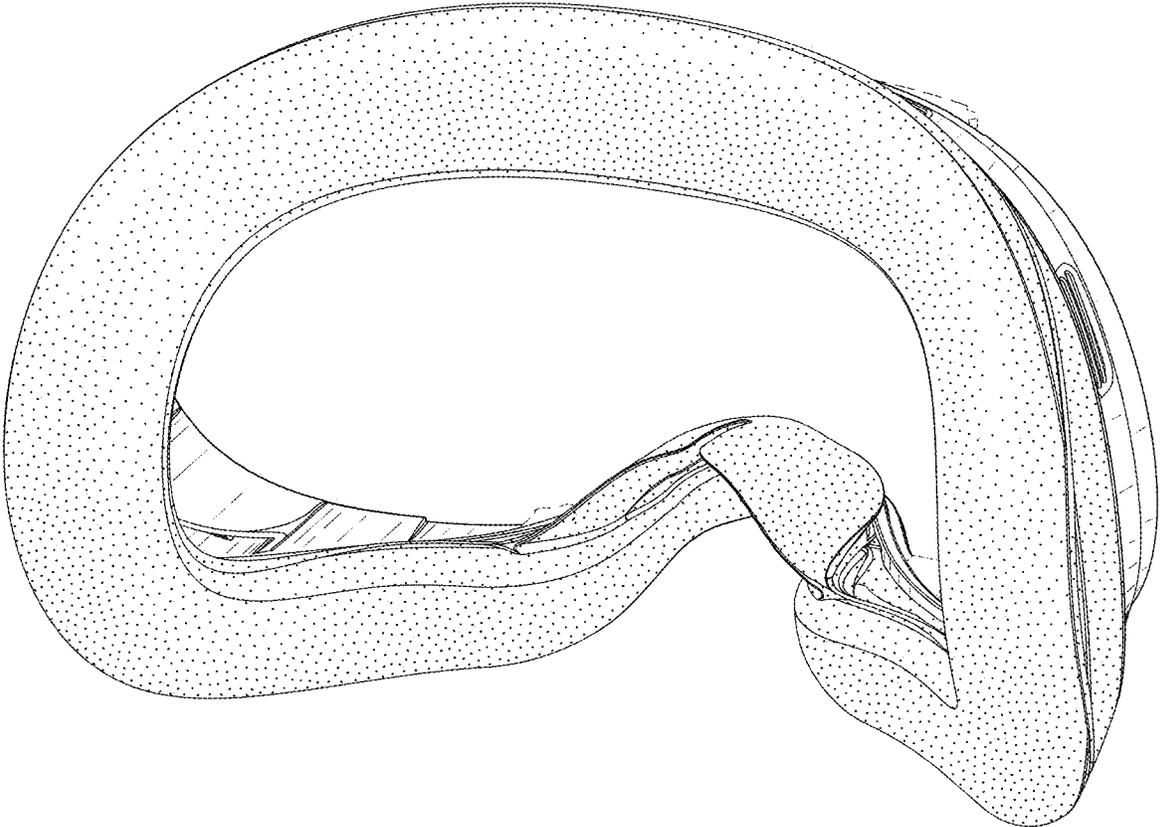


FIG. 2

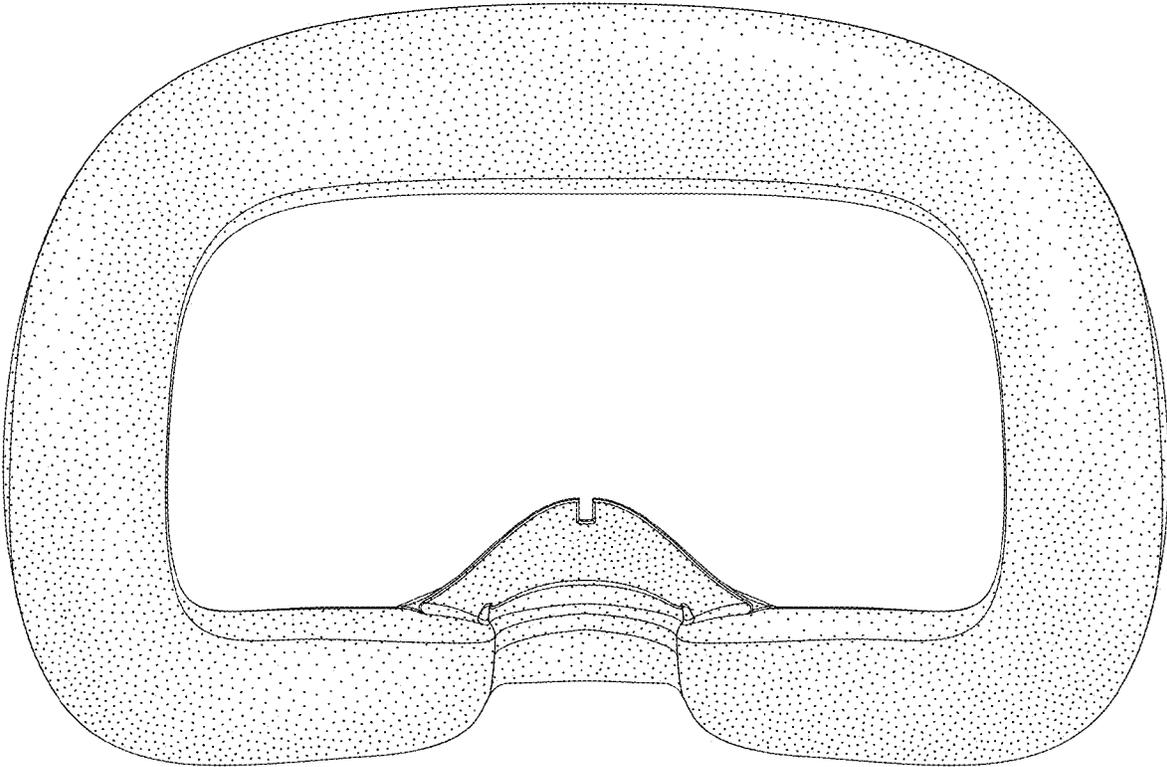


FIG. 3

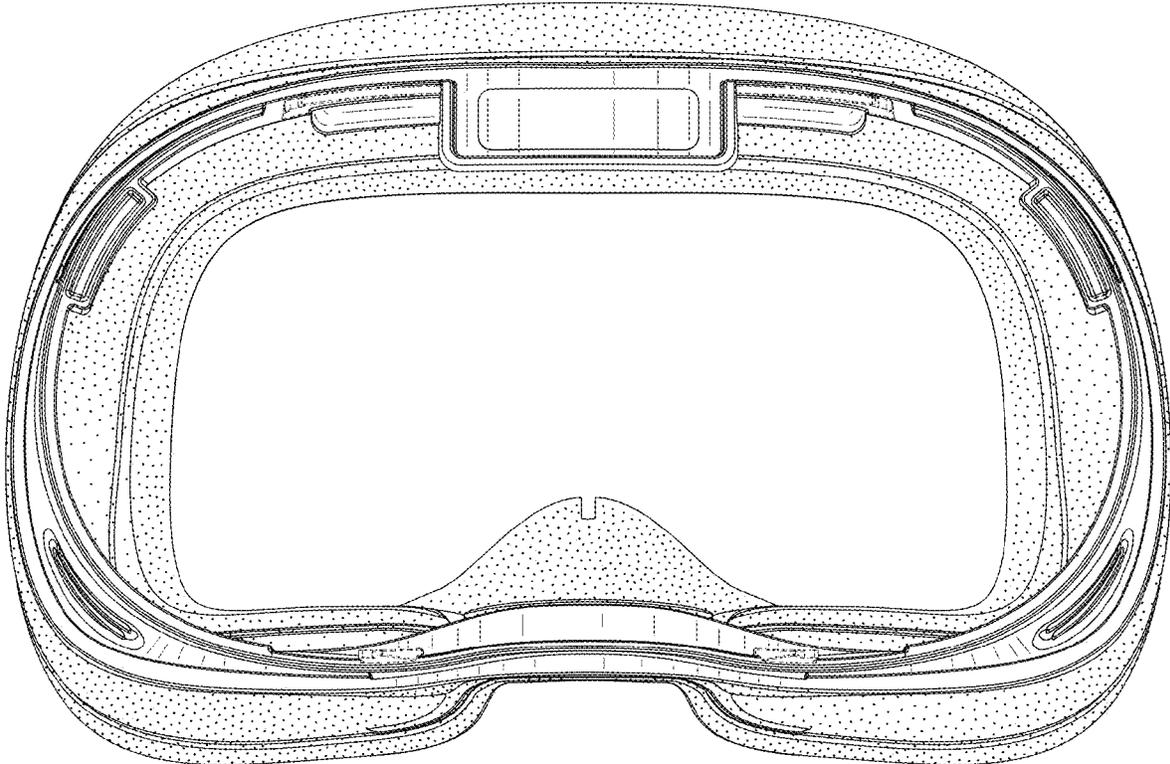


FIG. 4

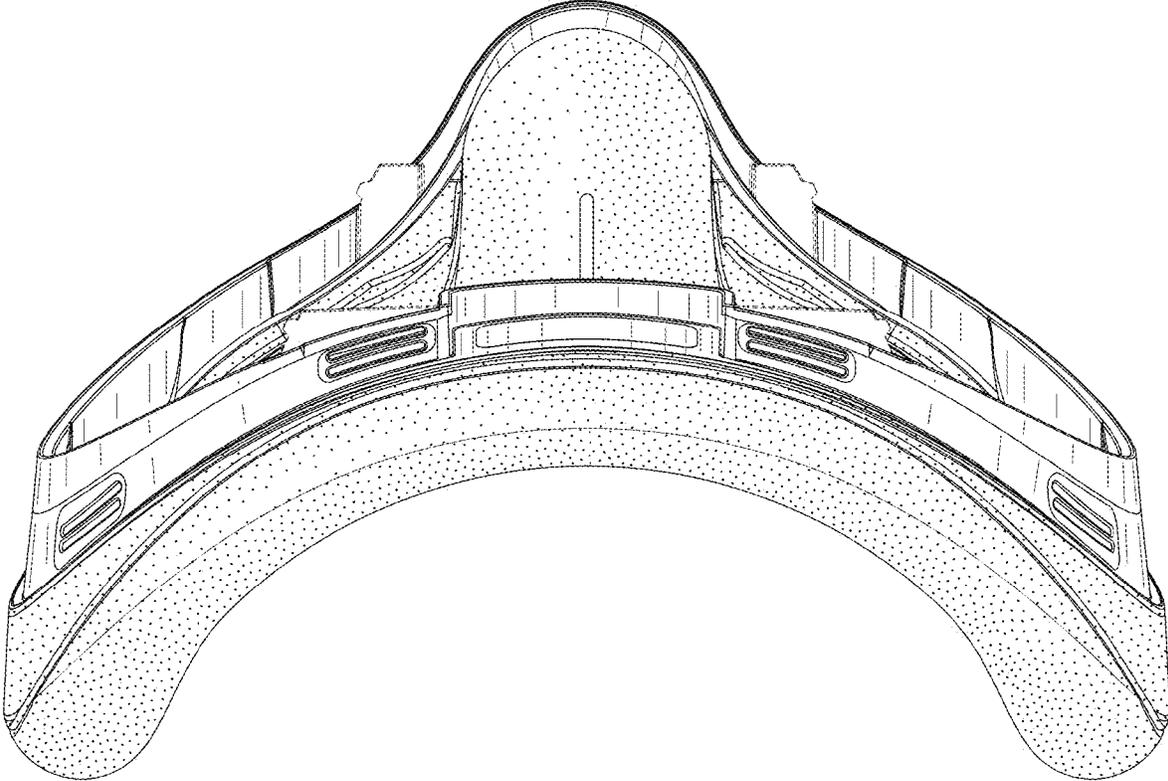


FIG. 5

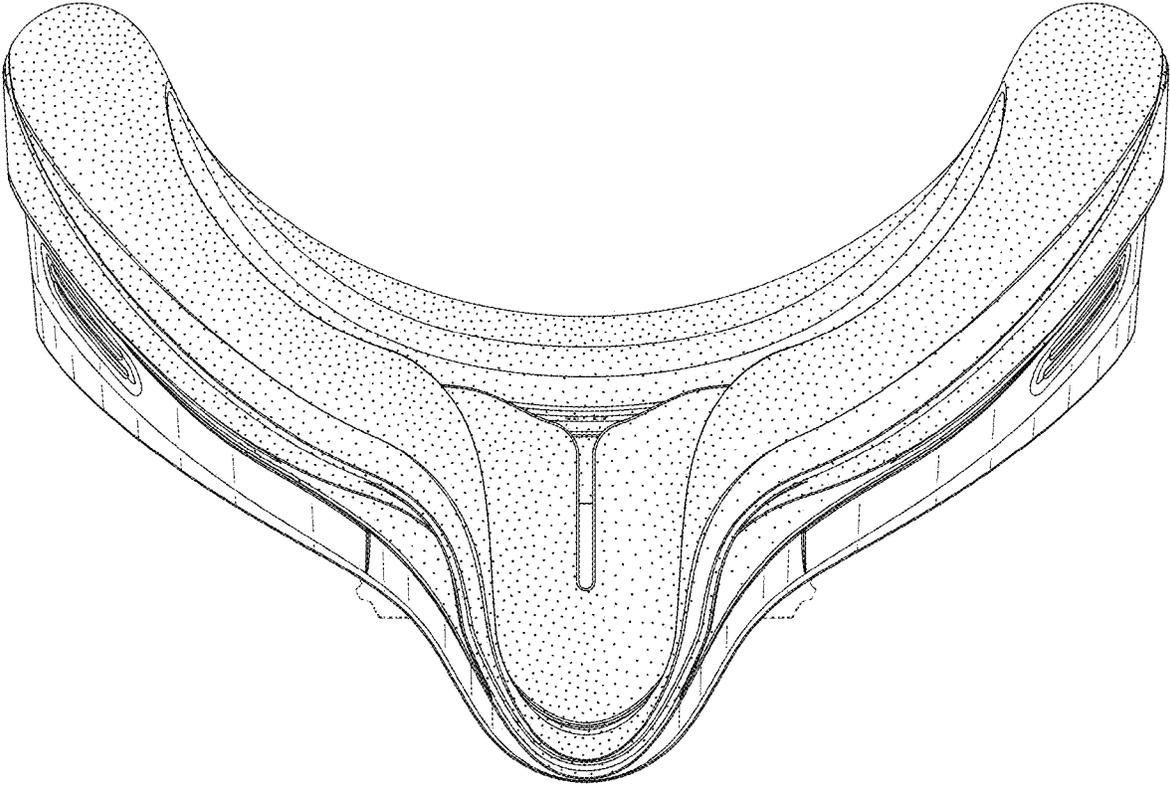


FIG. 6

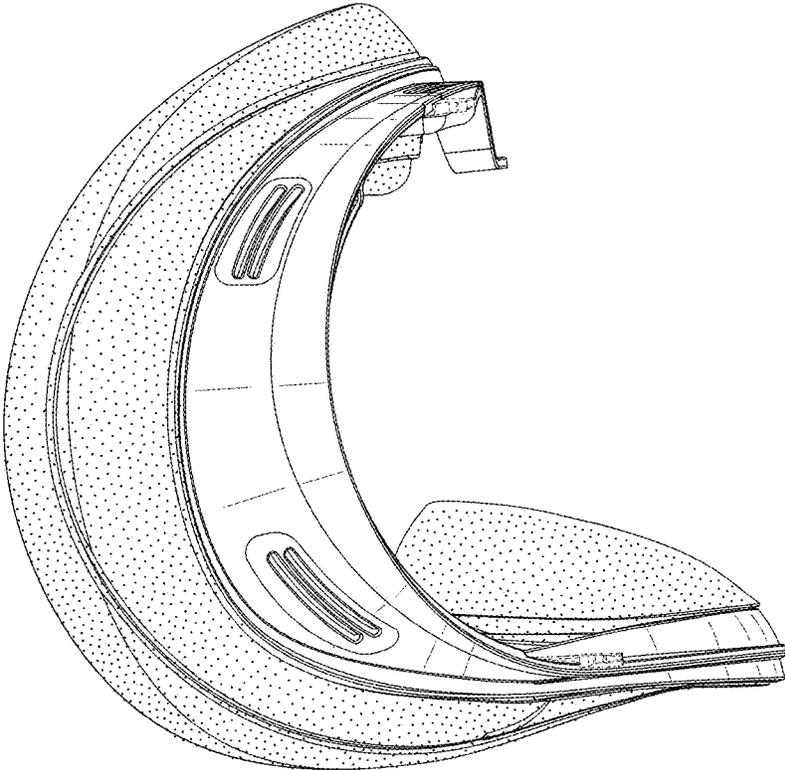


FIG. 7

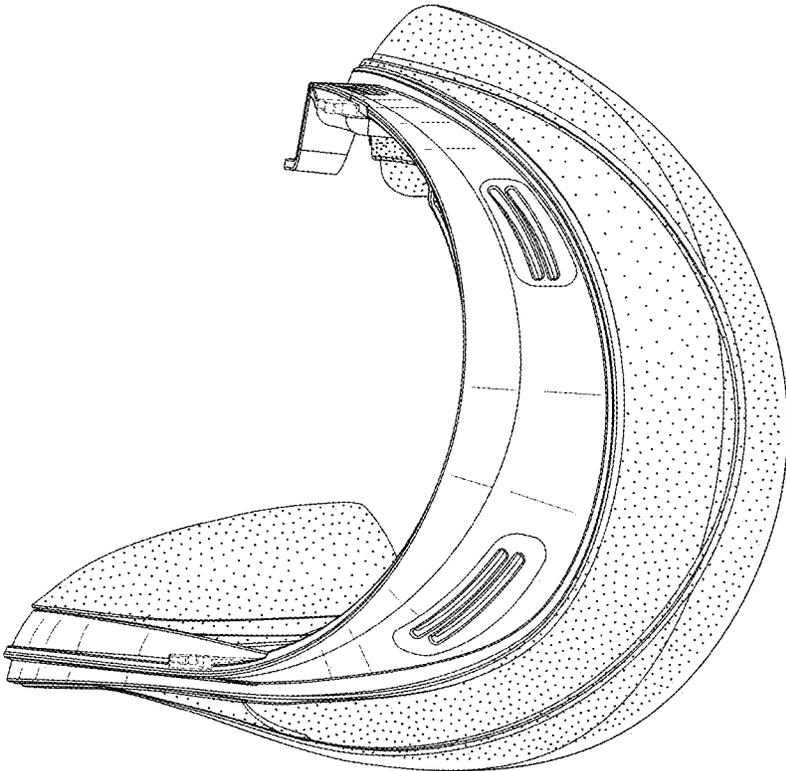


FIG. 8

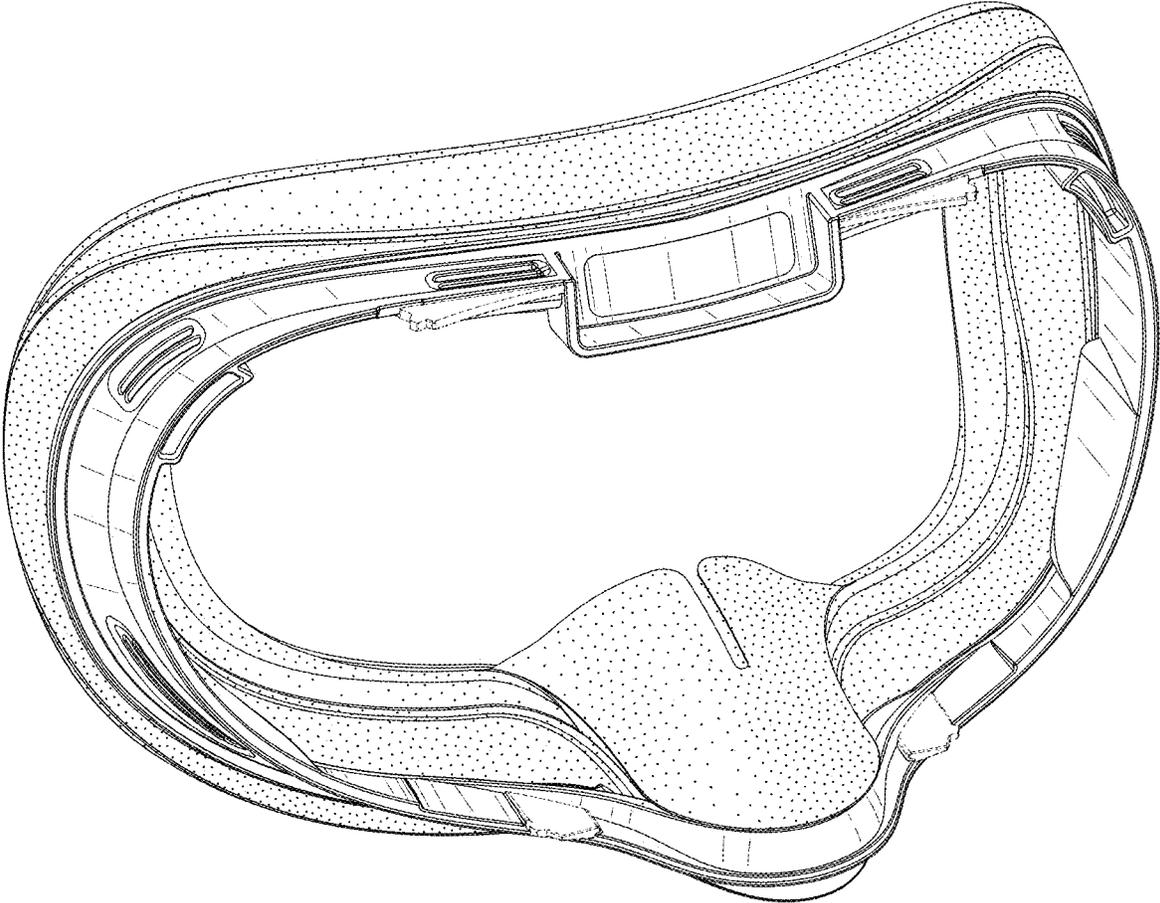


FIG. 9

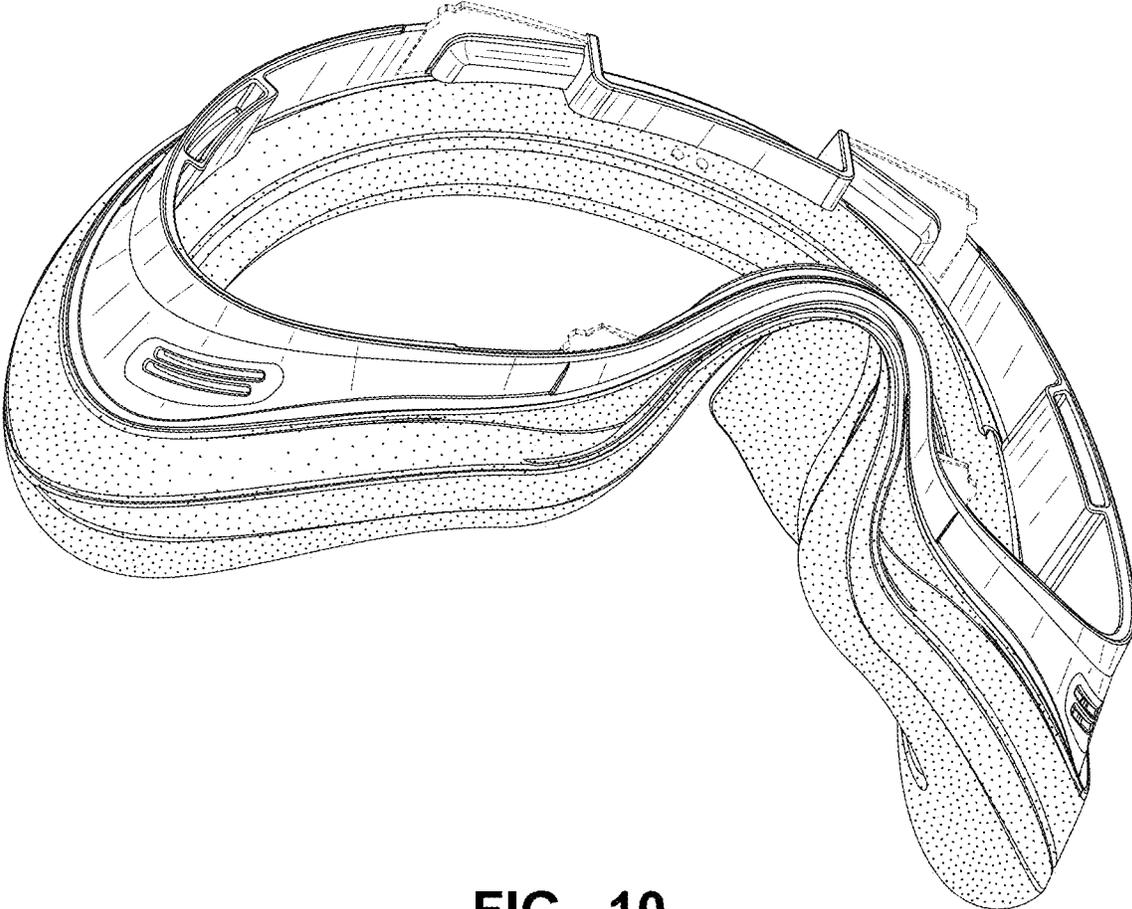


FIG. 10

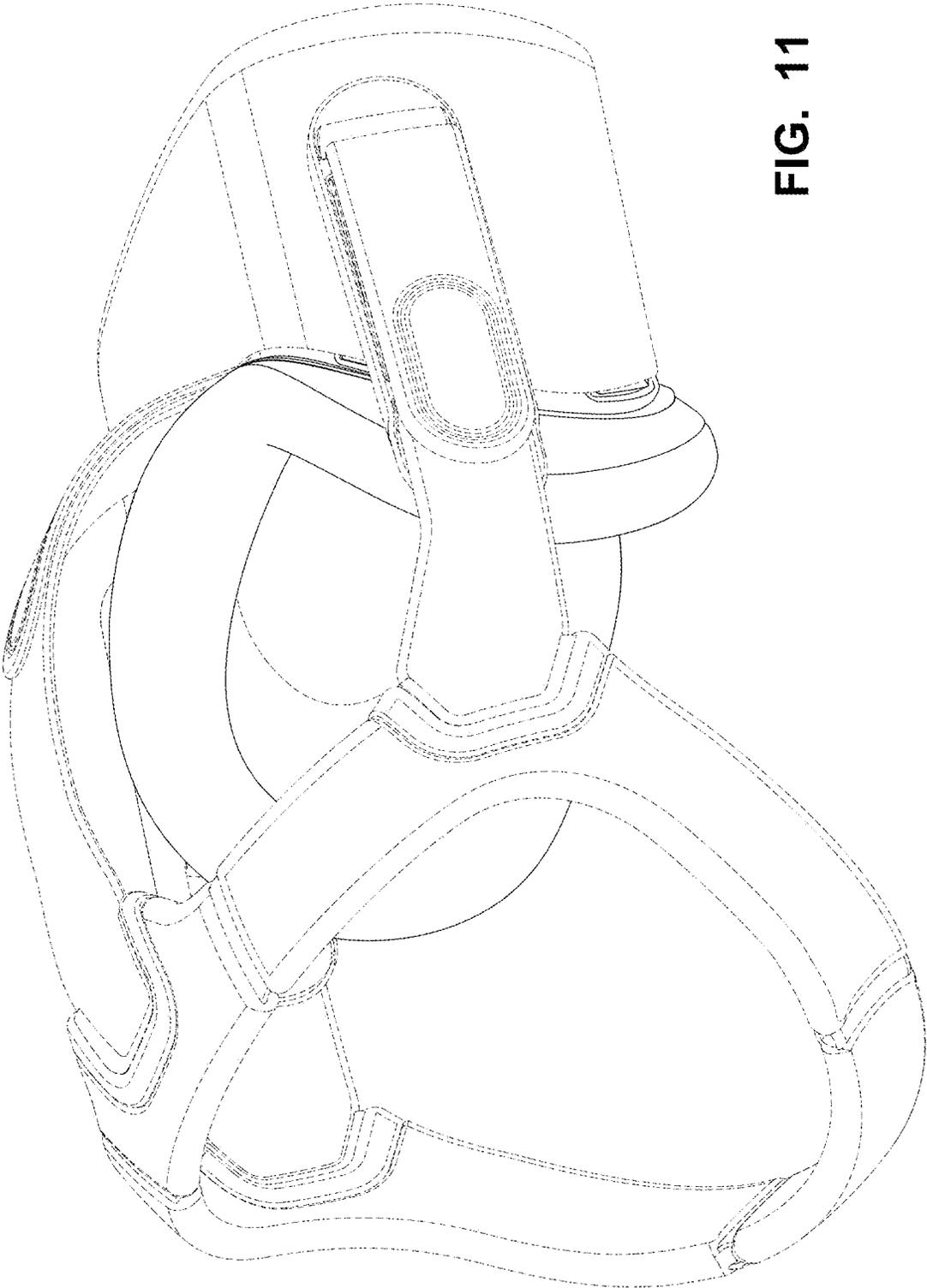


FIG. 11

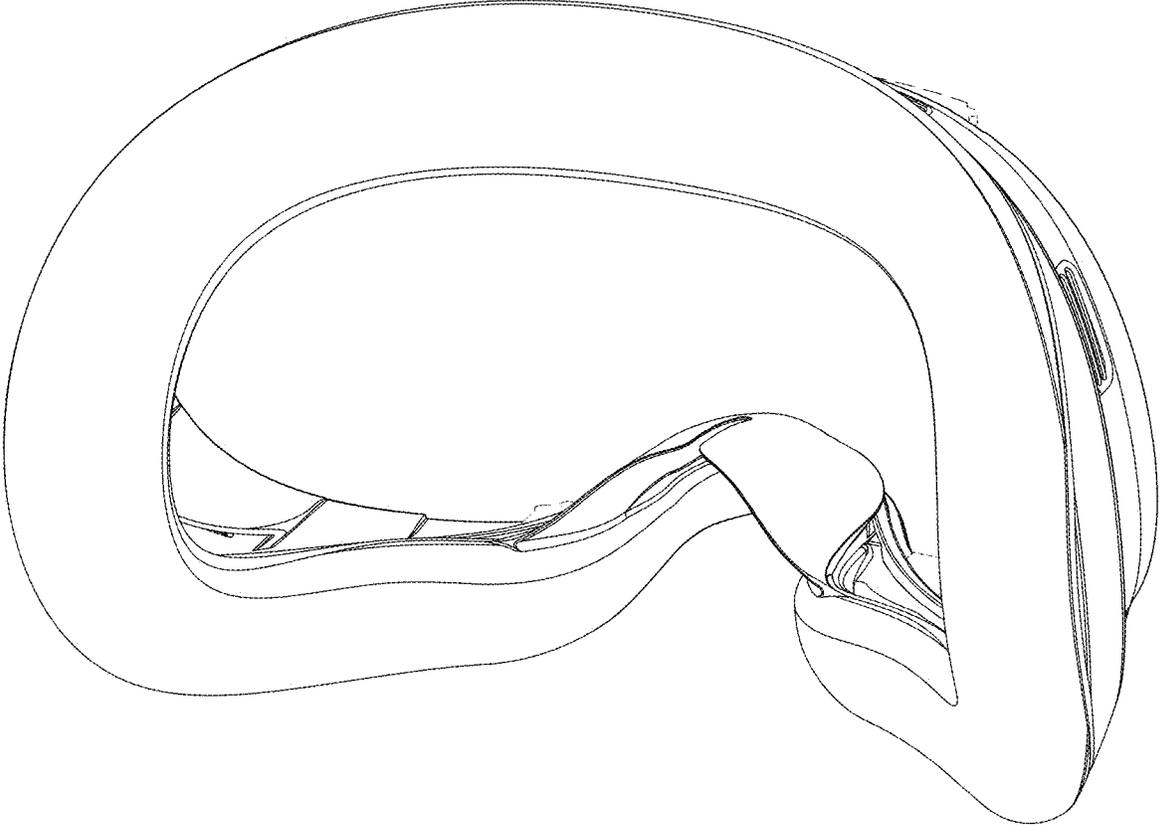


FIG. 12

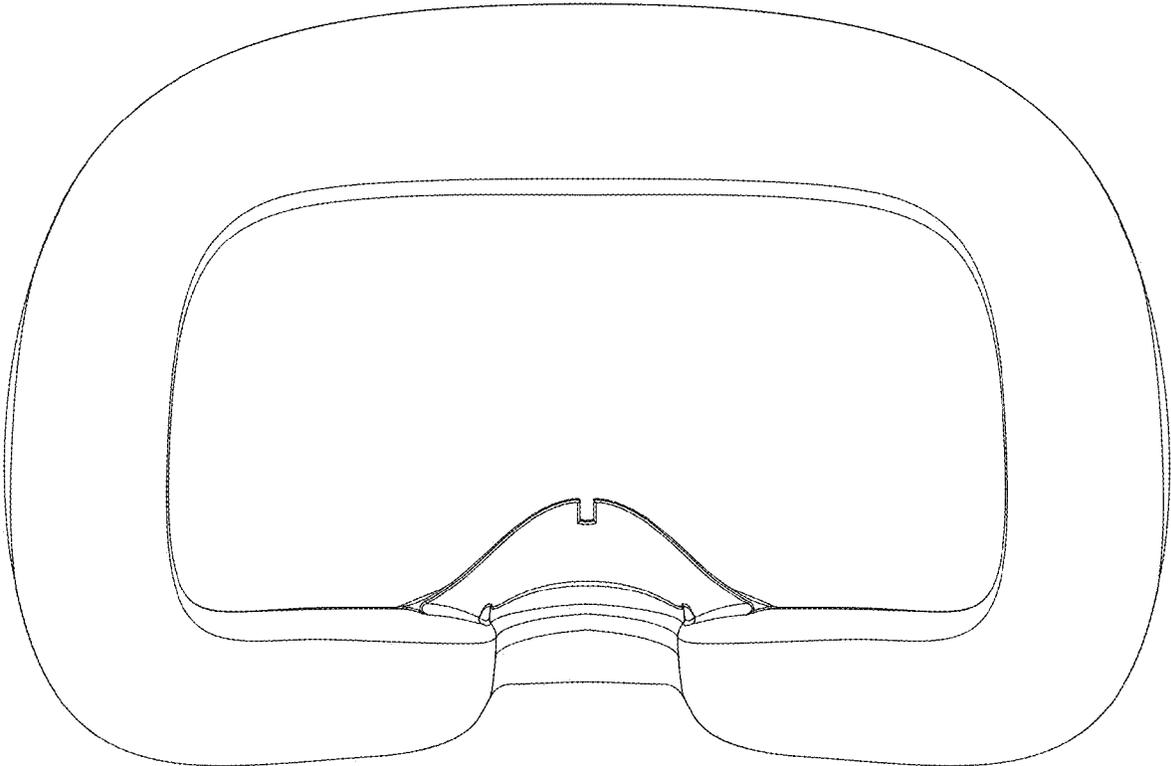


FIG. 13

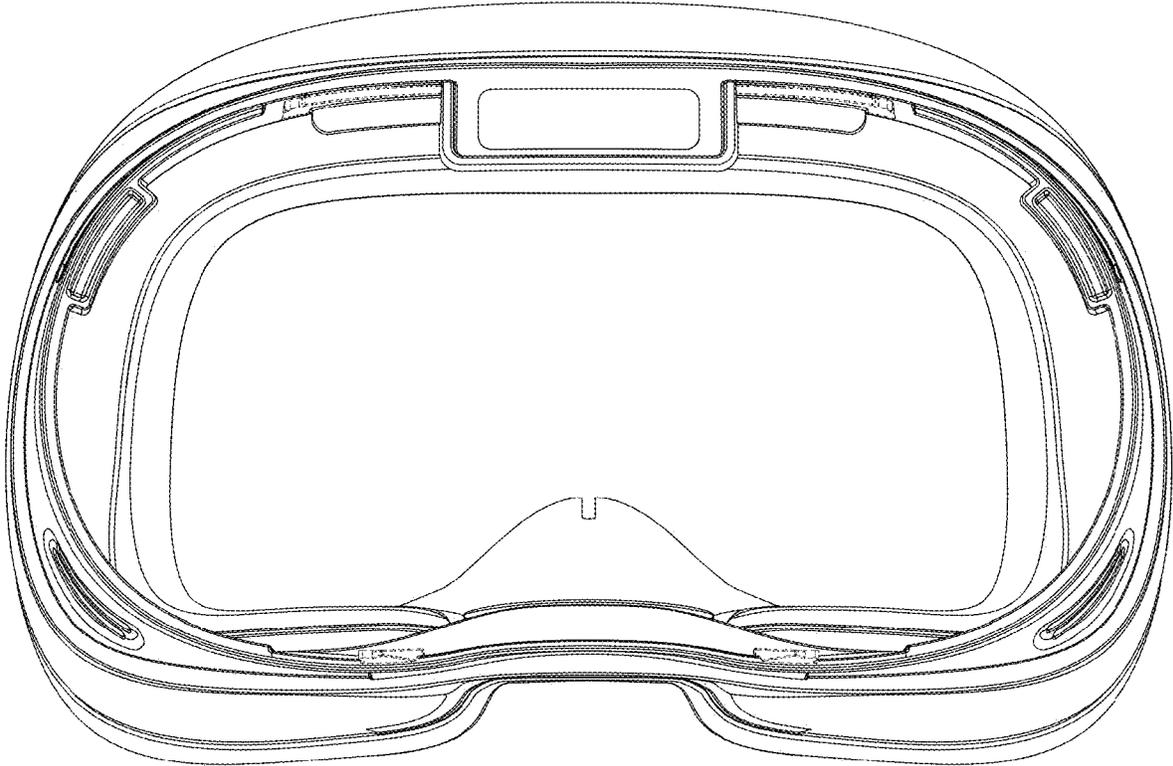


FIG. 14

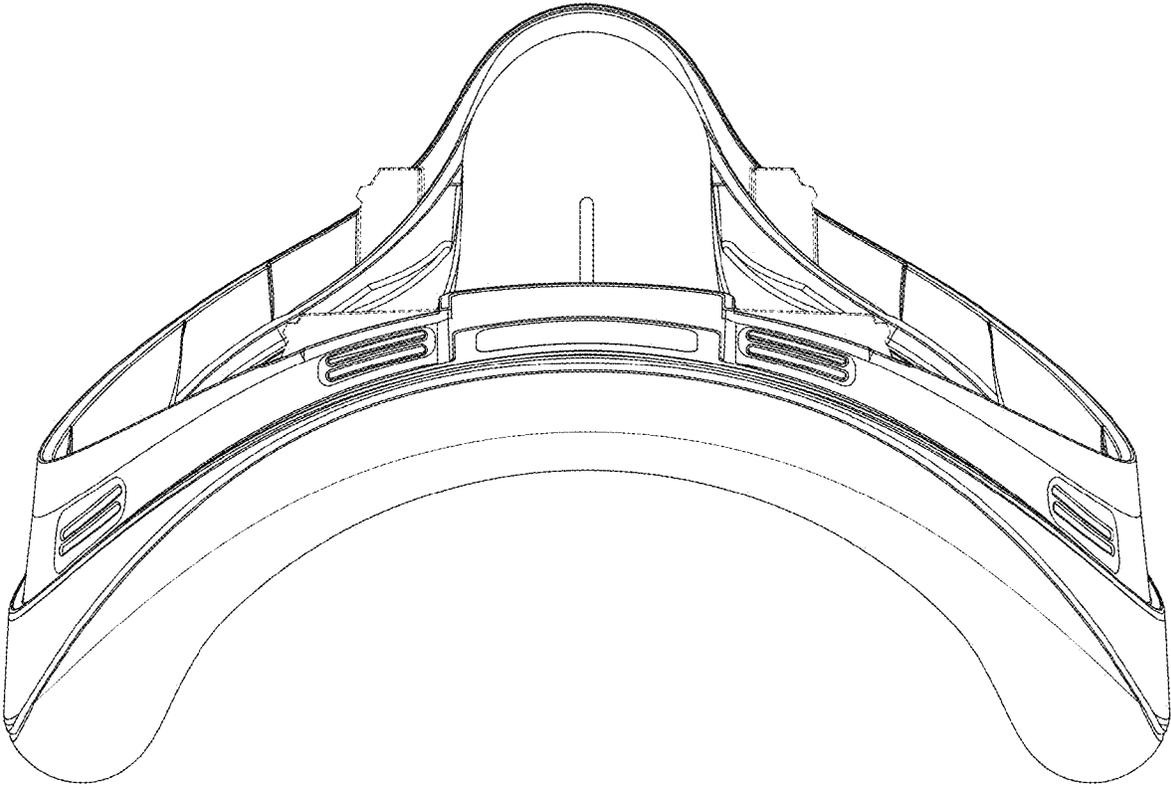


FIG. 15

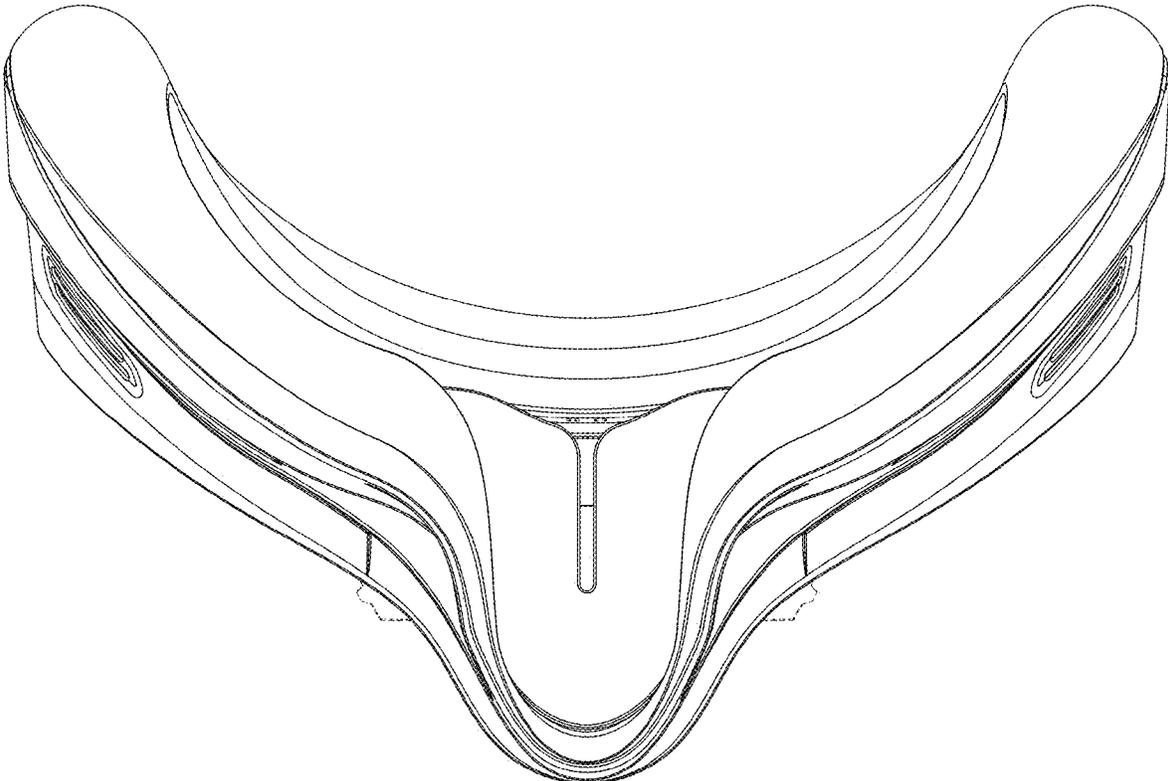


FIG. 16

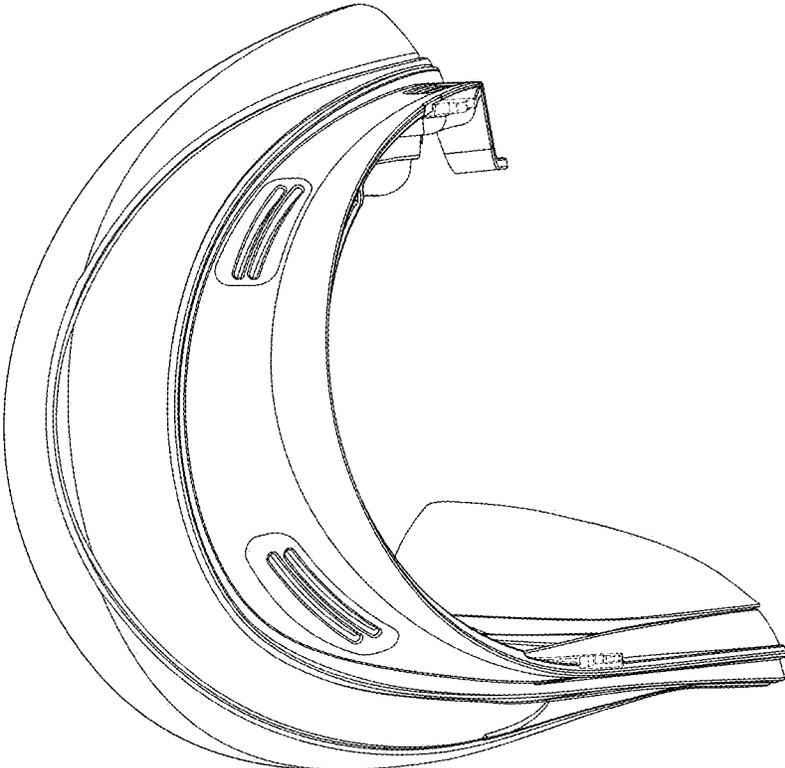


FIG. 17

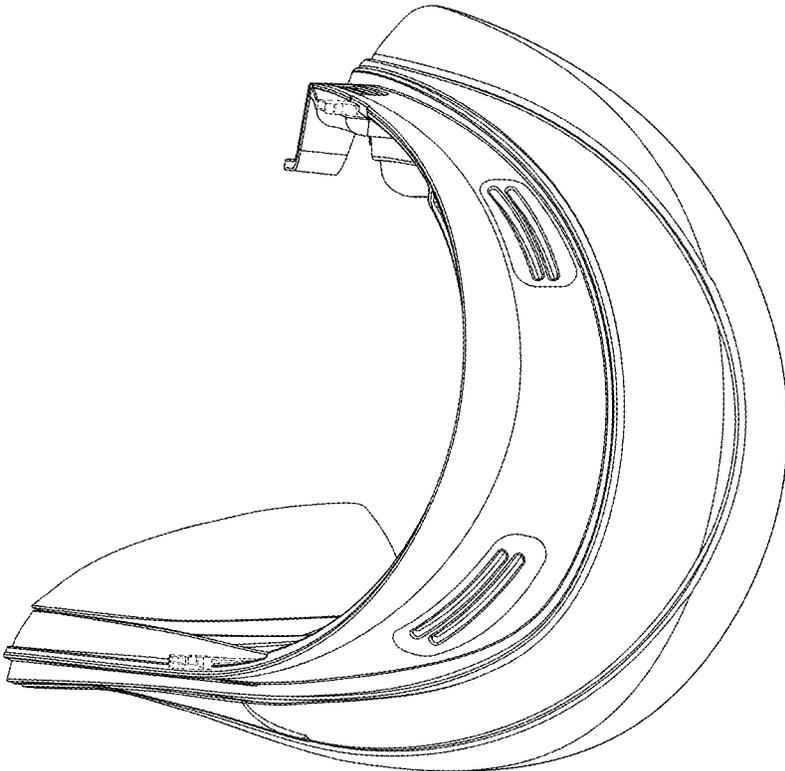


FIG. 18

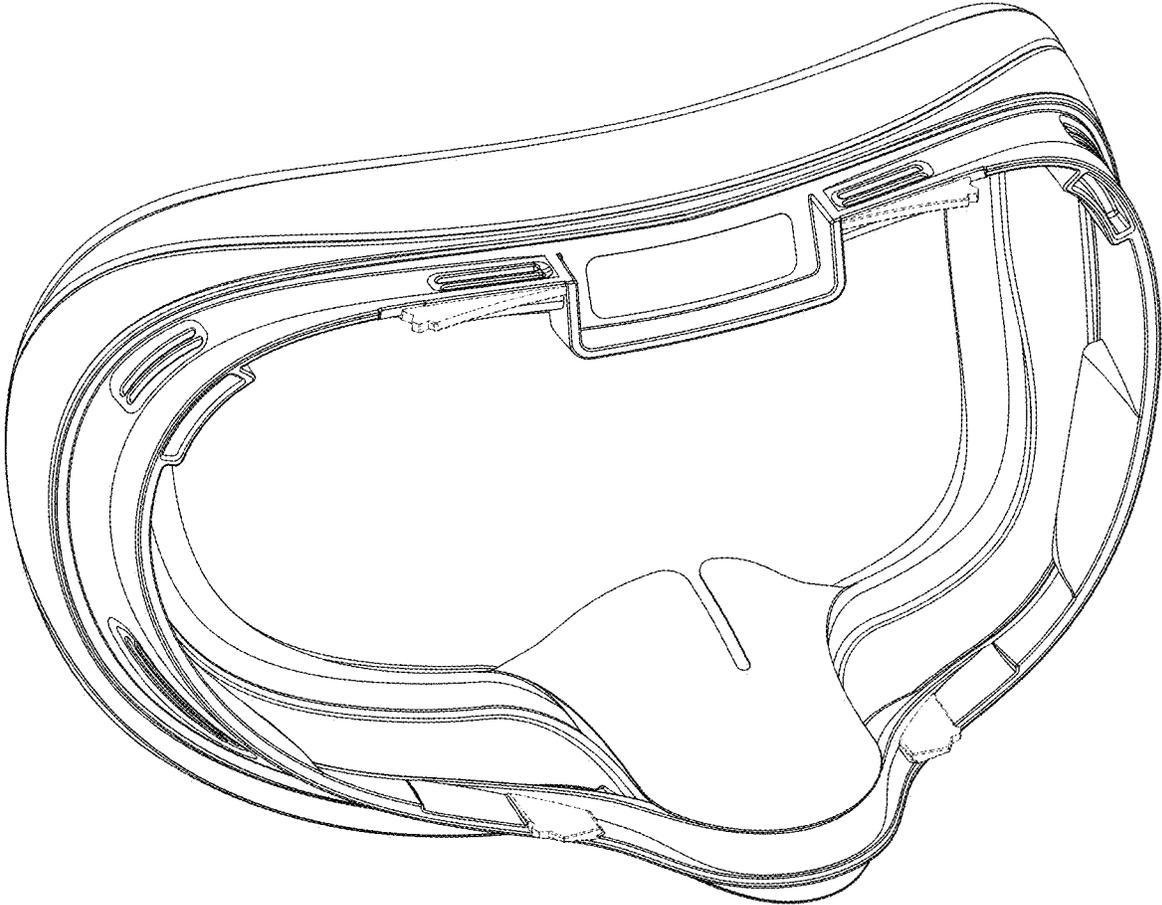


FIG. 19

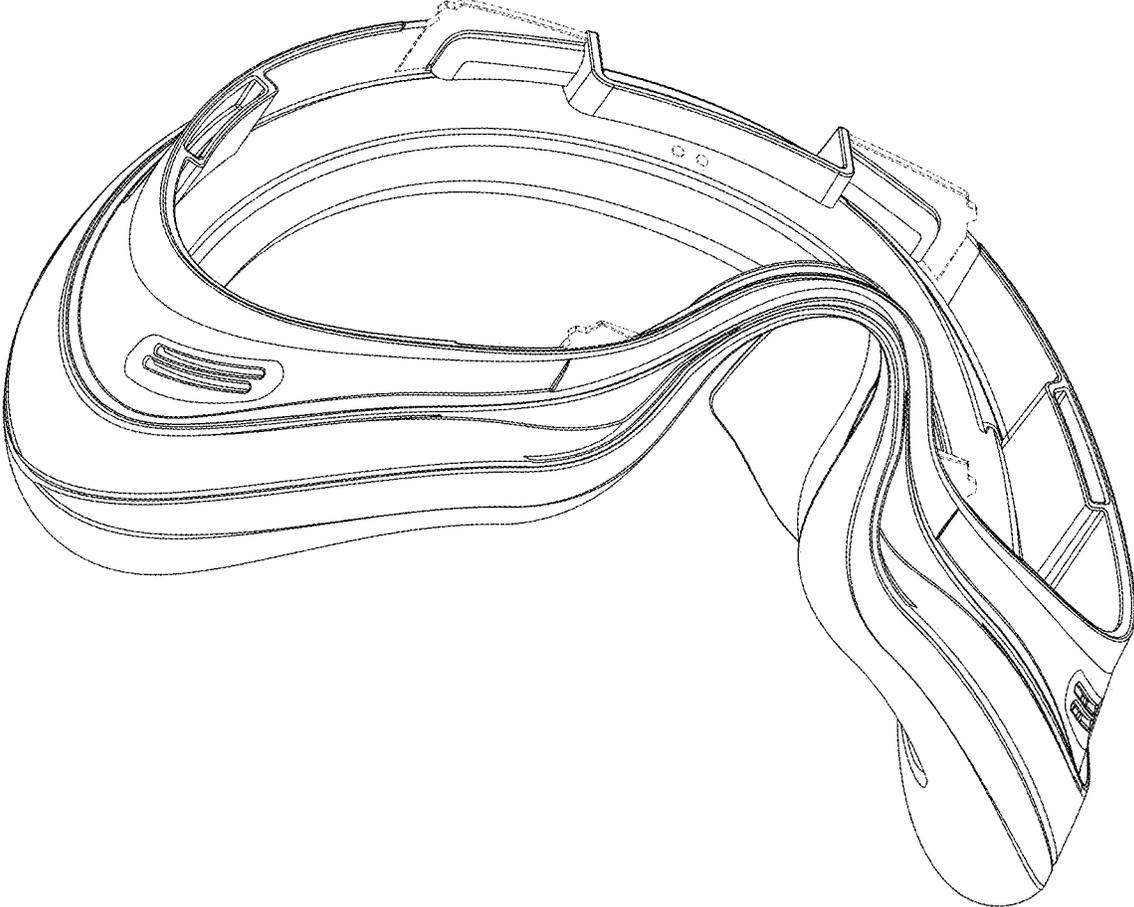


FIG. 20