



(12) **United States Design Patent**
Wu

(10) **Patent No.:** **US D927,785 S**
(45) **Date of Patent:** **** Aug. 10, 2021**

- (54) **HEADGEAR OF WELDING HELMET**
- (71) Applicant: **Tecmen Electronics Co., Ltd.**, Jiangsu (CN)
- (72) Inventor: **Ziqian Wu**, Nanjing (CN)
- (73) Assignee: **Tecmen Electronics Co., Ltd.**, Nanjing (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/676,990**
- (22) Filed: **Jan. 16, 2019**

(30) **Foreign Application Priority Data**
 Aug. 30, 2018 (CN) 201830484808.0

(51) **LOC (13) Cl.** **02-03**

(52) **U.S. Cl.**
USPC **D29/102**

(58) **Field of Classification Search**
 USPC D2/600, 602, 609, 865, 866, 867, 868,
 D2/869, 870, 871, 872, 873, 874, 875,
 D2/877, 878, 879, 881, 882, 886, 887,
 D2/891, 892, 893, 895; D15/144, 144.1,
 D15/144.2; D21/698, 780, 788;
 D24/188, 190, 191; D29/100, 101.3,
 D29/101.5, 102, 103, 104, 106, 107, 108,
 D29/109, 110, 113, 115, 120.1, 122;
 D6/601
 CPC A41D 13/00; A41D 13/0512; A41D
 13/0015; A41D 13/015; A41D 13/046;
 A41D 13/0518; A41D 13/055; A41D
 13/0556; A41D 13/0568; A41D 13/08;
 A41D 13/081; A41D 13/084; A41D
 13/088; A41D 2600/202; A41D 27/12;
 A41D 27/136; A42B 1/24; A42B 1/247;
 A42B 1/08; A42B 1/10; A42B 3/00;
 A42B 3/04;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D398,403 S 9/1998 Bishop et al.
 D503,499 S * 3/2005 Howard D29/122
 (Continued)

OTHER PUBLICATIONS

Amazon, "Lincoln Electric Viking X6 Headgear for Welding Hel-
 mets | KP4470-1", first available Oct. 4, 2018. (<https://www.amazon.com/Lincoln-Electric-KP4470-1-VIKING-Headgear/dp/B07VF9CKT5>) (Year: 2018).*

(Continued)

Primary Examiner — April Rivas
Assistant Examiner — Justin A Johnson

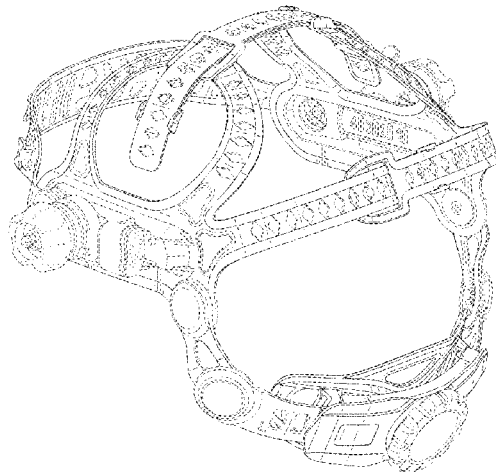
(57) **CLAIM**

The ornamental design for headgear of a welding helmet, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of headgear of a welding helmet, according to an embodiment of the present disclosure;
 FIG. 2 is a front elevation view of the headgear of the welding helmet of FIG. 1;
 FIG. 3 is a rear elevation view of the headgear of the welding helmet of FIG. 1;
 FIG. 4 is a right side view of the headgear of the welding helmet of FIG. 1;
 FIG. 5 is a left side view of the headgear of the welding helmet of FIG. 1;
 FIG. 6 is a top view of the headgear of the welding helmet of FIG. 1; and,
 FIG. 7 is a bottom view of the headgear of the welding helmet of FIG. 1.

(Continued)



The broken lines shown in the drawings represent portions of the headgear of welding helmet that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(58) **Field of Classification Search**

CPC A42B 3/0473; A42B 3/06; A42B 3/062;
 A42B 3/063; A42B 3/064; A42B 3/065;
 A42B 3/066; A42B 3/10; A42B 3/105;
 A42B 3/12; A42B 3/121; A42B 3/122;
 A42B 3/124; A42B 3/125; A42B 3/127;
 A42B 3/128; A42B 3/16; A42B 3/18;
 A42B 3/185; A42B 3/22; A42B 3/221;
 A42B 3/225; A47G 9/1081; A61B
 2018/00619; A61F 9/06; A61F 9/065;
 A61H 1/0296; A61H 2201/1609; A61H
 2205/04; A63B 2071/0063; A63B
 21/4003; A63B 23/025; A63B 71/1291;
 Y10S 2/91

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D654,224 S 2/2012 Wu
 D654,225 S 2/2012 Wu
 D654,226 S 2/2012 Wu
 D654,634 S 2/2012 Wu
 D657,918 S * 4/2012 Lee D29/110
 D666,365 S * 8/2012 Wright D29/110
 D668,000 S 9/2012 Folkesson et al.
 D696,469 S 12/2013 Pfanner
 D710,493 S 8/2014 Wu
 D710,494 S 8/2014 Wu
 D710,545 S * 8/2014 Wu D29/102

D710,546 S * 8/2014 Wu D29/102
 D716,505 S 10/2014 Wu
 D716,506 S 10/2014 Wu
 D732,746 S 6/2015 Wu
 D734,558 S 7/2015 Wu
 D767,829 S * 9/2016 Wu D29/122
 D774,180 S 12/2016 Wu
 D775,344 S 12/2016 Wu
 D837,461 S * 1/2019 Wu D29/122
 D854,758 S * 7/2019 Rosca D29/122
 D870,977 S * 12/2019 Berggren D29/122
 D895,214 S * 9/2020 Sanders D29/110
 2007/0245467 A1 10/2007 Lilenthal et al.
 2011/0023204 A1 2/2011 Brace
 2012/0066872 A1 3/2012 Eisenberger
 2012/0144567 A1 6/2012 Huh
 2014/0366253 A1 12/2014 Gottl
 2015/0047154 A1 2/2015 DeBien
 2015/0074877 A1 3/2015 Huh
 2016/0037854 A1 2/2016 Durham et al.
 2017/0150771 A1 * 6/2017 Huh A42B 3/085
 2017/0238643 A1 * 8/2017 Pereira A42B 3/324
 2018/0042330 A1 2/2018 Wu
 2018/0042774 A1 * 2/2018 Wu A42B 1/008

OTHER PUBLICATIONS

Youtube, "Lincoln Electric Viking 3350 & 2450 Welding Helmets", first available Jul. 15, 2019. (<https://www.youtube.com/watch?v=XQkbhP2XU2E>) (Year: 2019).*

Amazon, "Headgear, for Helmet Headgear", first available May 25, 2017. (https://www.amazon.com/dp/B00826AM7A/ref=cm_sw_em_r_mt_dp_TpBeGb4GHVW3G) (Year: 2017).*

AliExpress, "YESWELDER Adjustable Welding Helmet Headband Replacement Welding Mask", first available Aug. 24, 2020. (<https://www.aliexpress.com/item/4000405694183.html>) (Year: 2020).*

Amazon, "Lincoln Electric-KP3908-1 Welding Helmet Replacement Headgear Kit", first available Apr. 1, 2014. (<https://www.amazon.com/Lincoln-Electric-KP3908-1-Headgear-Viking/dp/B00K23T9FC>) (Year: 2014).*

* cited by examiner

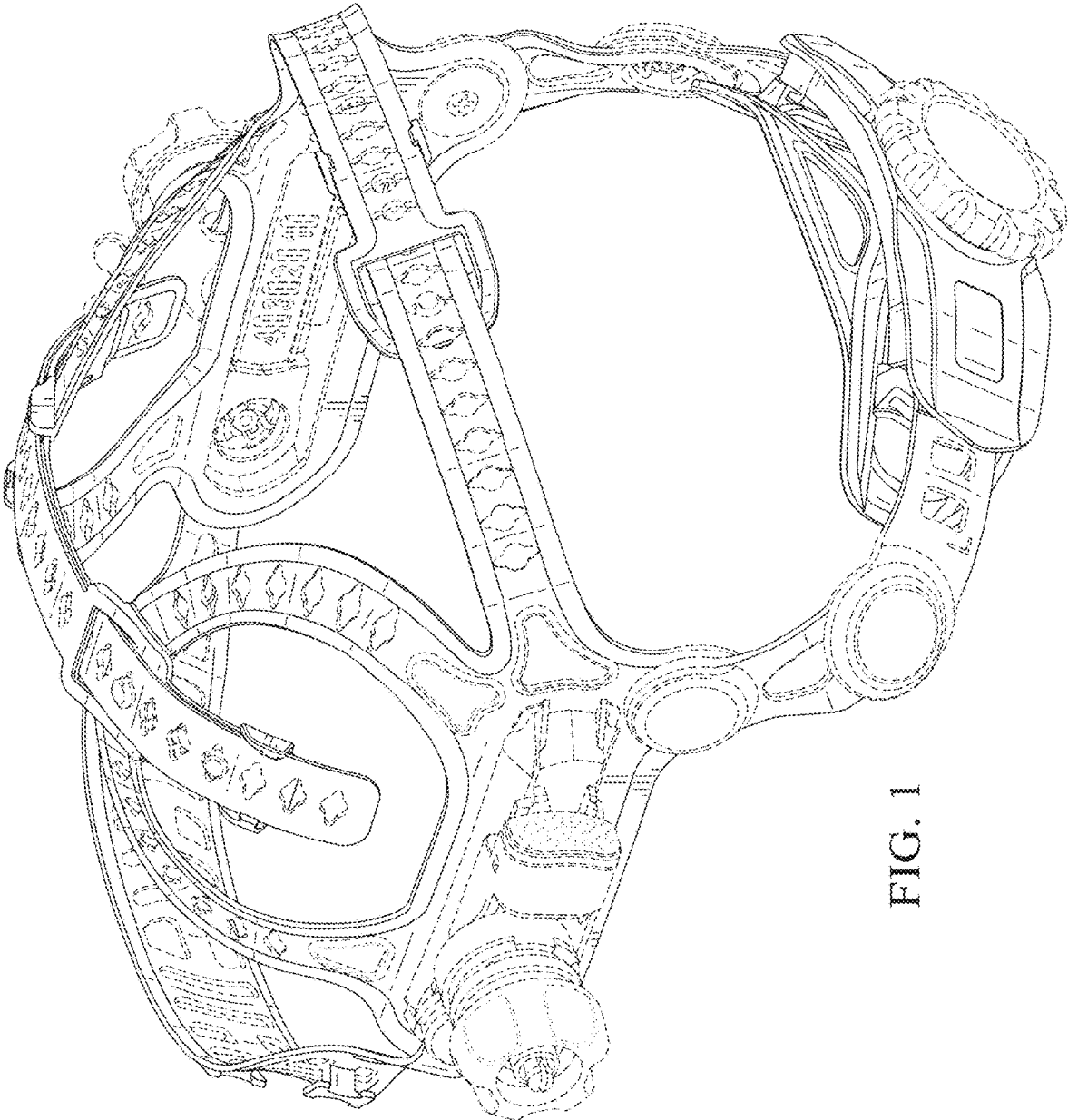


FIG. 1



FIG. 2

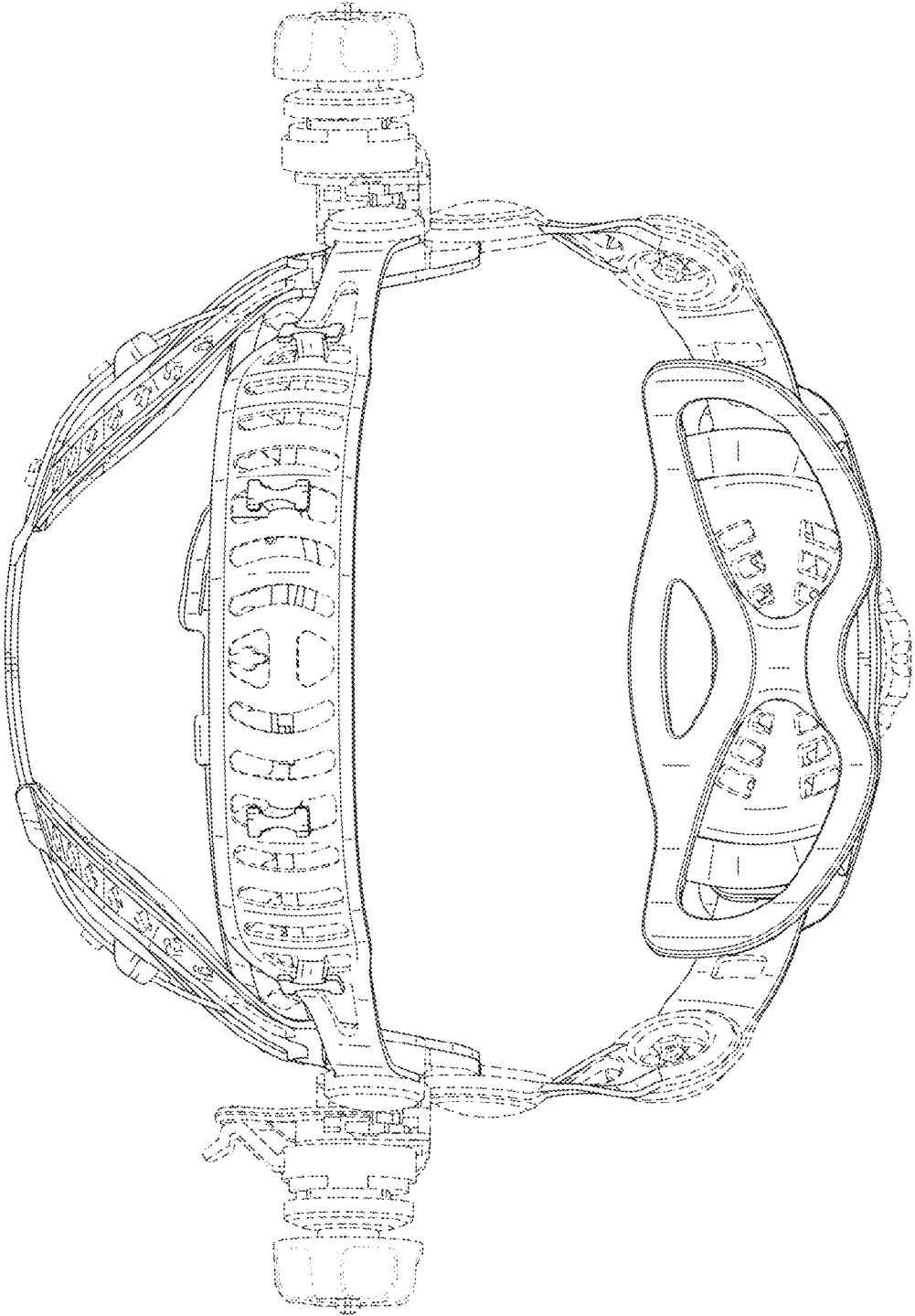


FIG. 3

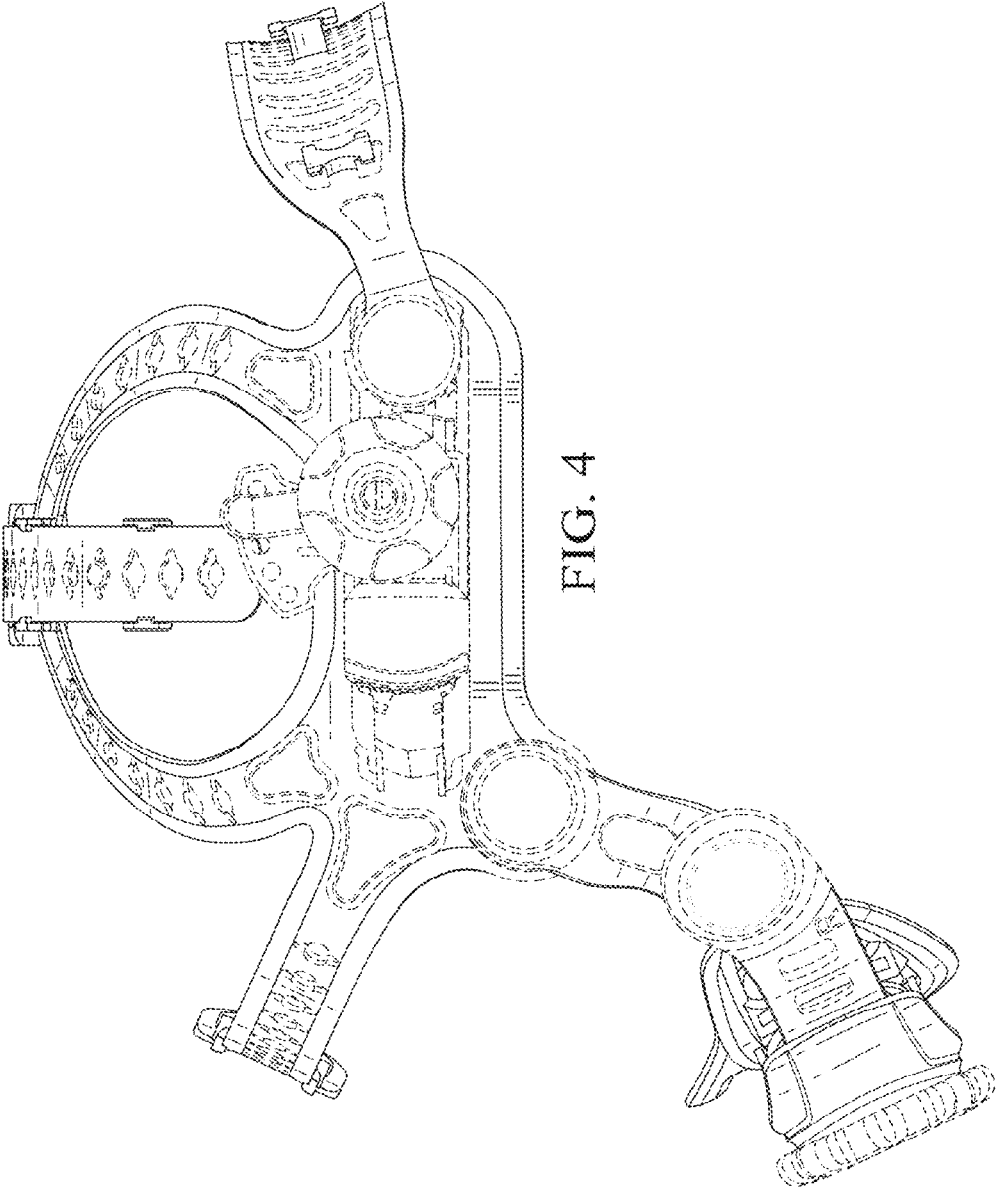


FIG. 4

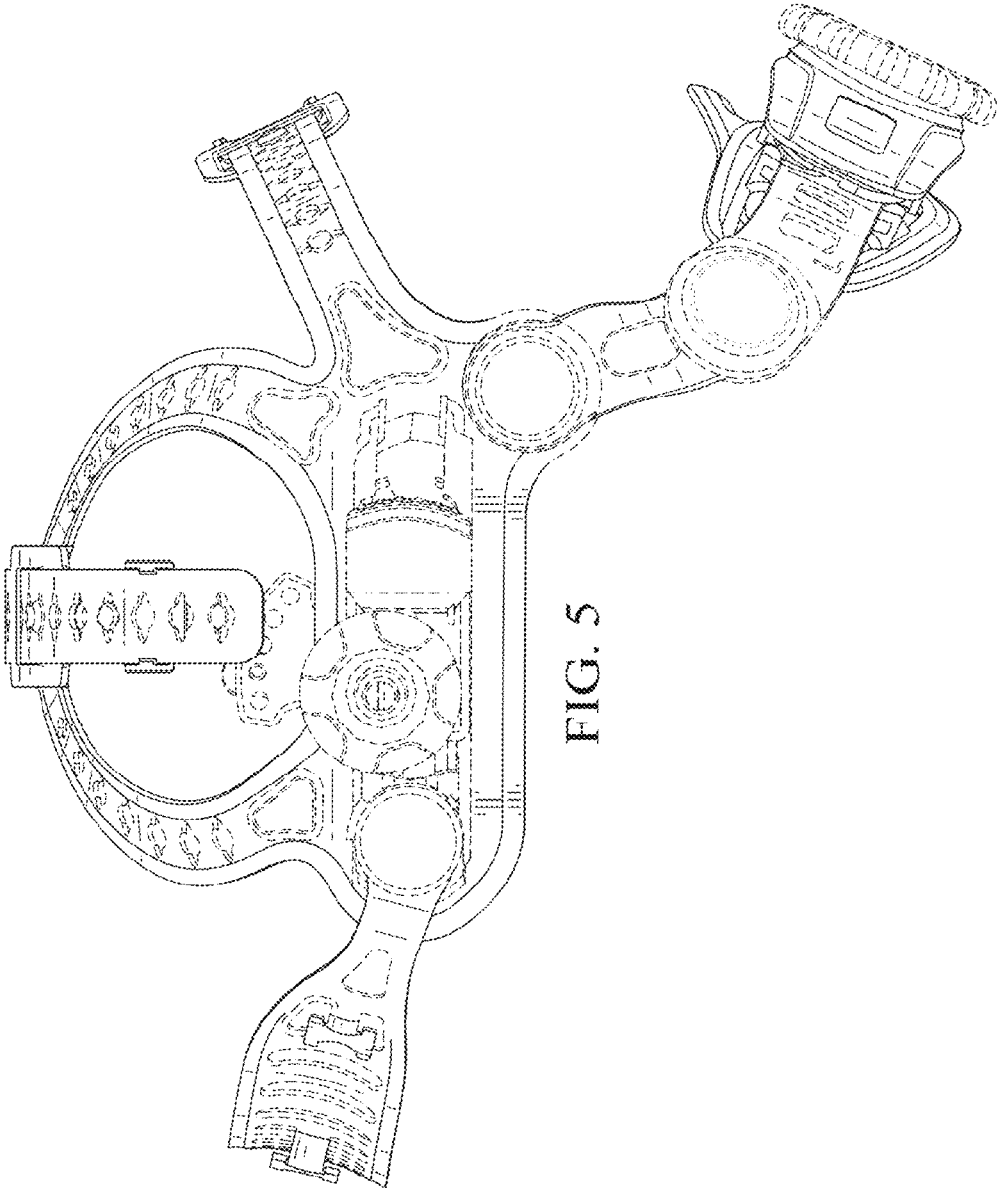


FIG. 5

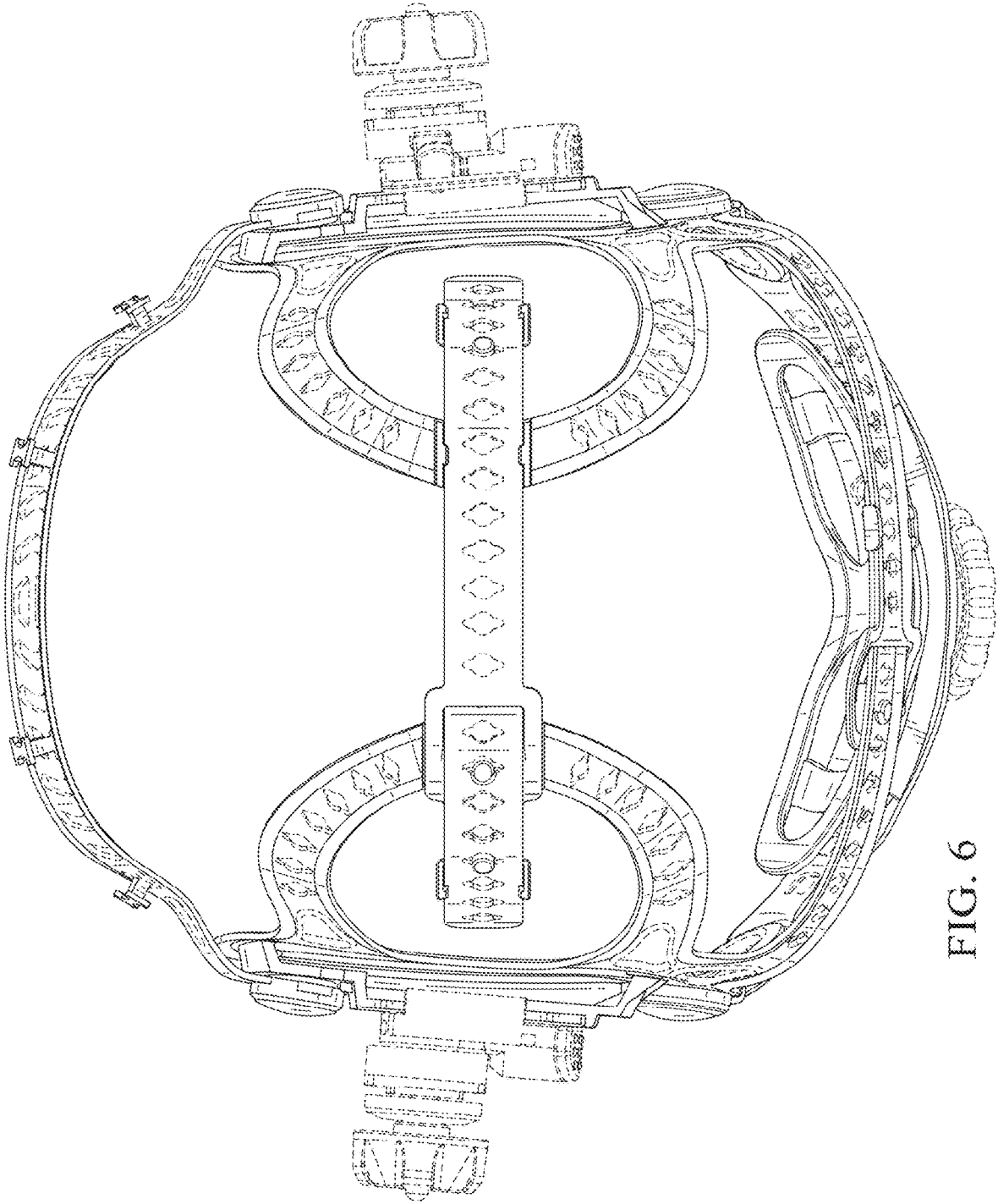


FIG. 6

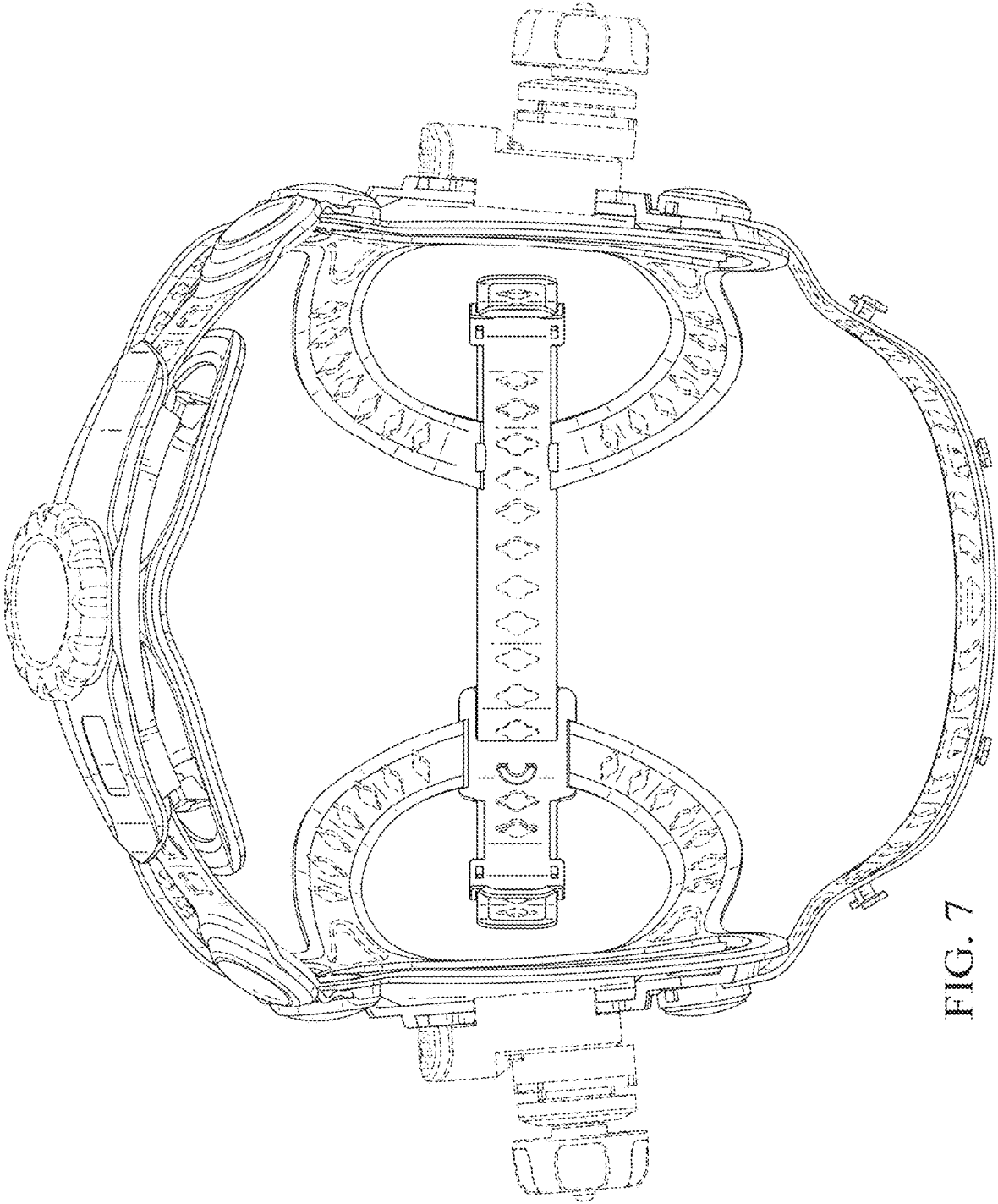


FIG. 7