US00D856328S

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

(10) **Patent No.: US D856,328 S**
(45) **Date of Patent: ** Aug. 13, 2019**

(54) **WEARABLE ARTIFICIAL INTELLIGENCE (AI) DATA PROCESSING, AUGMENTED REALITY, VIRTUAL REALITY, AND MIXED REALITY COMMUNICATION EYEGLASS INCLUDING MOBILE PHONE AND MOBILE COMPUTING VIA VIRTUAL TOUCH SCREEN GESTURE AND EYE TRACKING CONTROL AND NEURON COMMAND**

(71) Applicants: **Zhou Tian Xing**, Tiburon, CA (US); **Dylan T X Zhou**, Belvedere Tiburon, CA (US); **Tiger T G Zhou**, Tiburon, CA (US); **Andrew H B Zhou**, Tiburon, CA (US)

(72) Inventors: **Zhou Tian Xing**, Tiburon, CA (US); **Dylan T X Zhou**, Belvedere Tiburon, CA (US); **Tiger T G Zhou**, Tiburon, CA (US); **Andrew H B Zhou**, Tiburon, CA (US)

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

(21) Appl. No.: **29/590,208**

(22) Filed: **Jan. 9, 2017**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/587,581, filed on Dec. 14, 2016, now abandoned, and a (Continued)

(51) **LOC (12) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/372**

(58) **Field of Classification Search**
USPC D14/372, 496, 432, 371, 125, 126, 129, D14/299; D16/300–342; 351/158, 153,
(Continued)

(56) **References Cited**

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(Continued)

Primary Examiner — Austin Murphy
(74) *Attorney, Agent, or Firm* — Georgiy L. Khayet

(57) **CLAIM**

The ornamental design for a wearable artificial intelligence (AI) data processing, augmented reality, virtual reality, and mixed reality communication eyeglass including mobile phone and mobile computing via virtual touch screen gesture and eye tracking control and neuron command, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a wearable artificial intelligence (AI) data processing, augmented reality, virtual reality, and mixed reality communication eyeglass including mobile phone and mobile computing via virtual touch screen gesture and eye tracking control and neuron command with FIG. **1**A as augmented reality device, and FIG. **1**B as virtual reality, and FIG. **1**C as mixed reality communication eyeglasses/headsets all in one showing the new design;

FIG. **2** is a front view showing FIG. **1**C as mixed reality device thereof;

FIG. **3** is a back view of FIG. **1**C showing dual eye tracking cameras on each lower frame thereof;

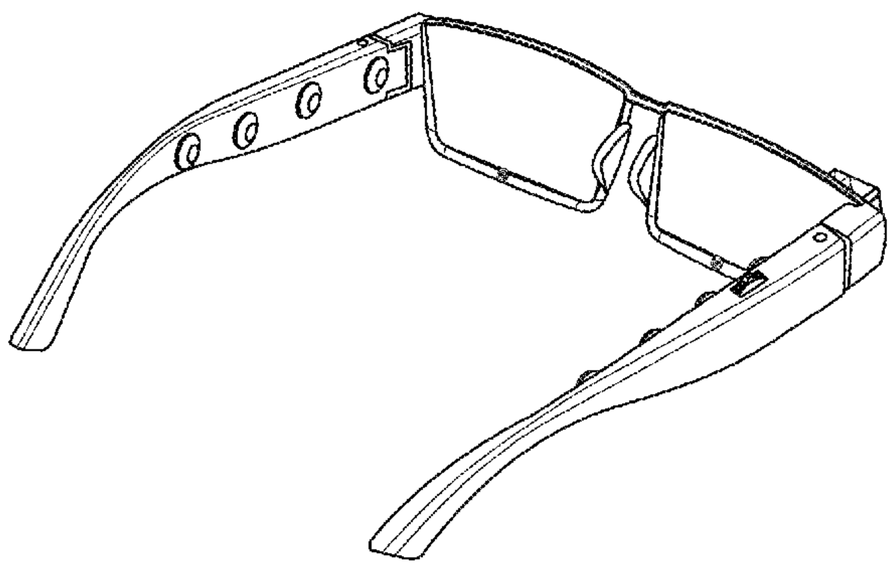
FIG. **4** is a left side view thereof;

FIG. **5** is a right side view with touch control panel thereof;

FIG. **6** is a top view with **14** skin contact sensors thereof;

FIG. **7** is a bottom view thereof;

FIG. **8** is a perspective view of FIG. **3** showing the article in an alternate position of use;
(Continued)



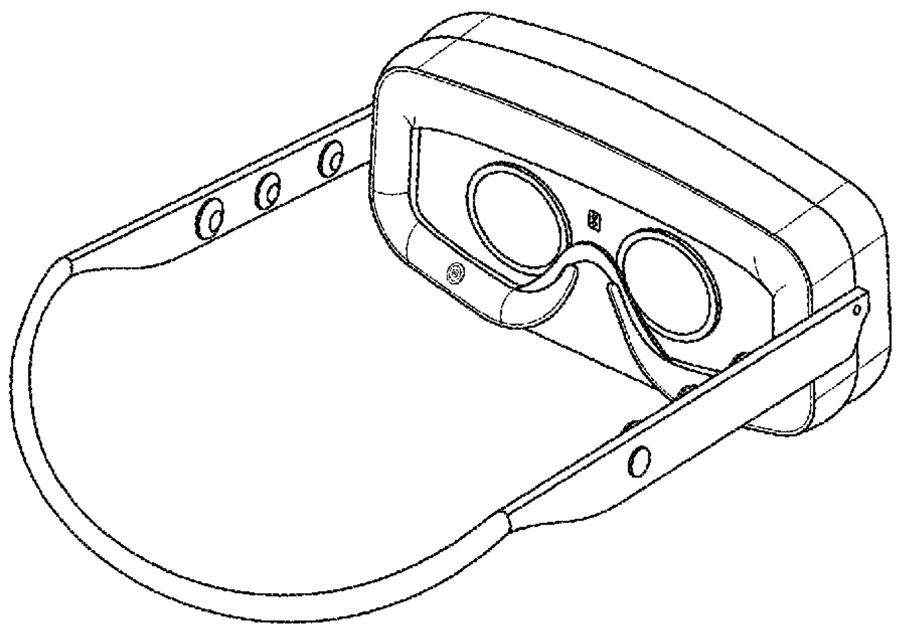


FIG. **9** is a perspective view of FIG. **8** showing the article in an alternate position of use;
FIG. **10** is a perspective view of FIG. **9** showing the article in an alternate position of use;
FIG. **11** is a front view of FIG. **1**A
FIG. **12** is a back view of FIG. **1**A
FIG. **13**A is a perspective view of FIG. **1**A in an alternate position of use showing the dual sim cards slot and charging slot;
FIG. **13**B is an enlarged portion of FIG. **13**A;
FIG. **14** is a left side view of FIG. **1**A;
FIG. **15** is a right side view of FIG. **1**A;
FIG. **16** is a top view of FIG. **1**A;
FIG. **17** is a bottom view of FIG. **1**A;
FIG. **18** is a front view of FIG. **1**B;
FIG. **19** is a rear view of FIG. **1**B;
FIG. **20** is a left side view of FIG. **1**B;
FIG. **21** is a right side view of FIG. **1**B;
FIG. **22** is a top view of FIG. **1**B; and,
FIG. **23** is a bottom view of FIG. **1**B.
The broken lines human heads of FIGS. **8**, **9**, and **10** showing the device has bone conduct of sound functions, no need earphones, but broken lines illustrate environmental factors only and form no part of the claimed design.

1 Claim, 23 Drawing Sheets

Related U.S. Application Data

continuation-in-part of application No. 29/587,388, filed on Dec. 13, 2016, and a continuation-in-part of application No. 15/350,458, filed on Nov. 14, 2016, now Pat. No. 9,776,715, and a continuation-in-part of application No. 15/345,349, filed on Nov. 7, 2016, now Pat. No. 9,652,758, and a continuation-in-part of application No. 29/572,722, filed on Jul. 29, 2016, now abandoned, and a continuation-in-part of application No. 29/567,712, filed on Jun. 10, 2016, now abandoned, which is a continuation-in-part of application No. 14/957,644, filed on Dec. 3, 2015, now Pat. No. 9,489,671, and a continuation-in-part of application No. 14/940,379, filed on Nov. 13, 2015, now Pat. No. 9,493,235, which is a continuation-in-part of application No. 14/815,988, filed on Aug. 1, 2015, now Pat. No. 9,342,829.

(58) **Field of Classification Search**
USPC 351/144; 345/7–9, 905; 455/344; 348/115, 53, 121, 739
CPC G02B 27/017; G02B 27/0158; G02B 27/0161; G02B 27/0181; G02B 27/0185; G02B 27/0189
See application file for complete search history.

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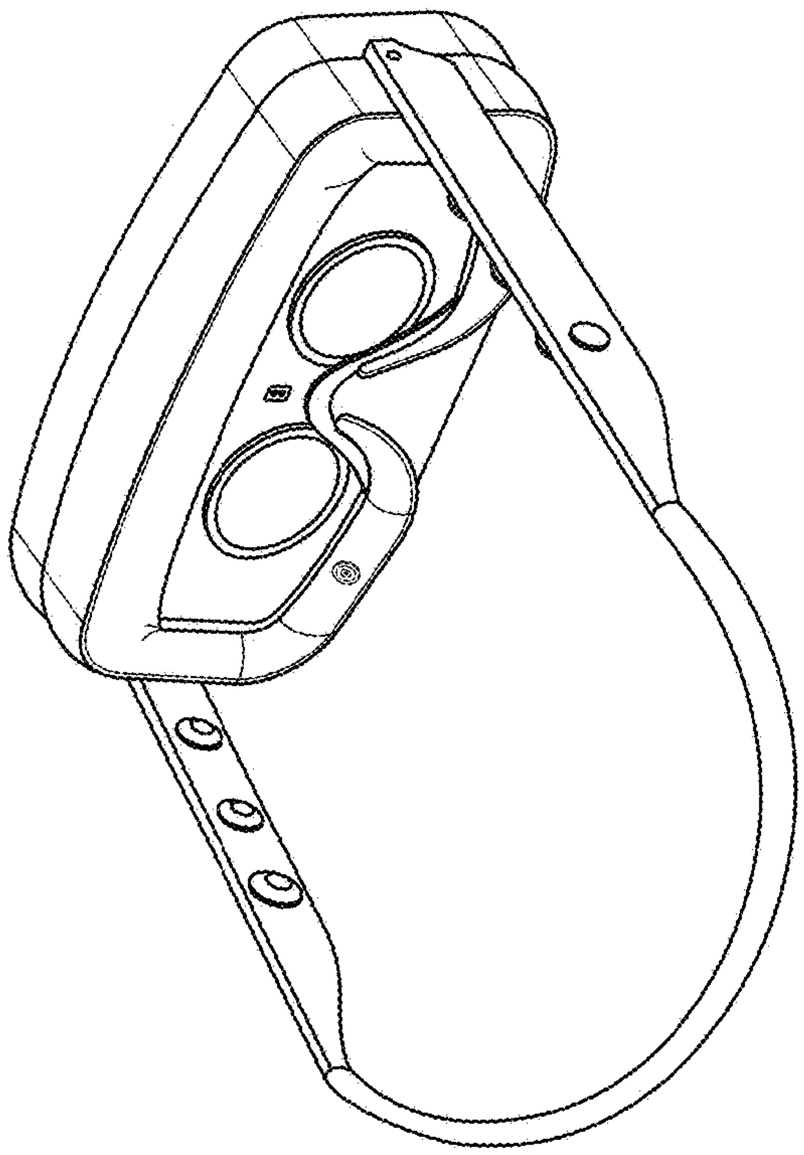


FIG. 1A

FIG. 1B

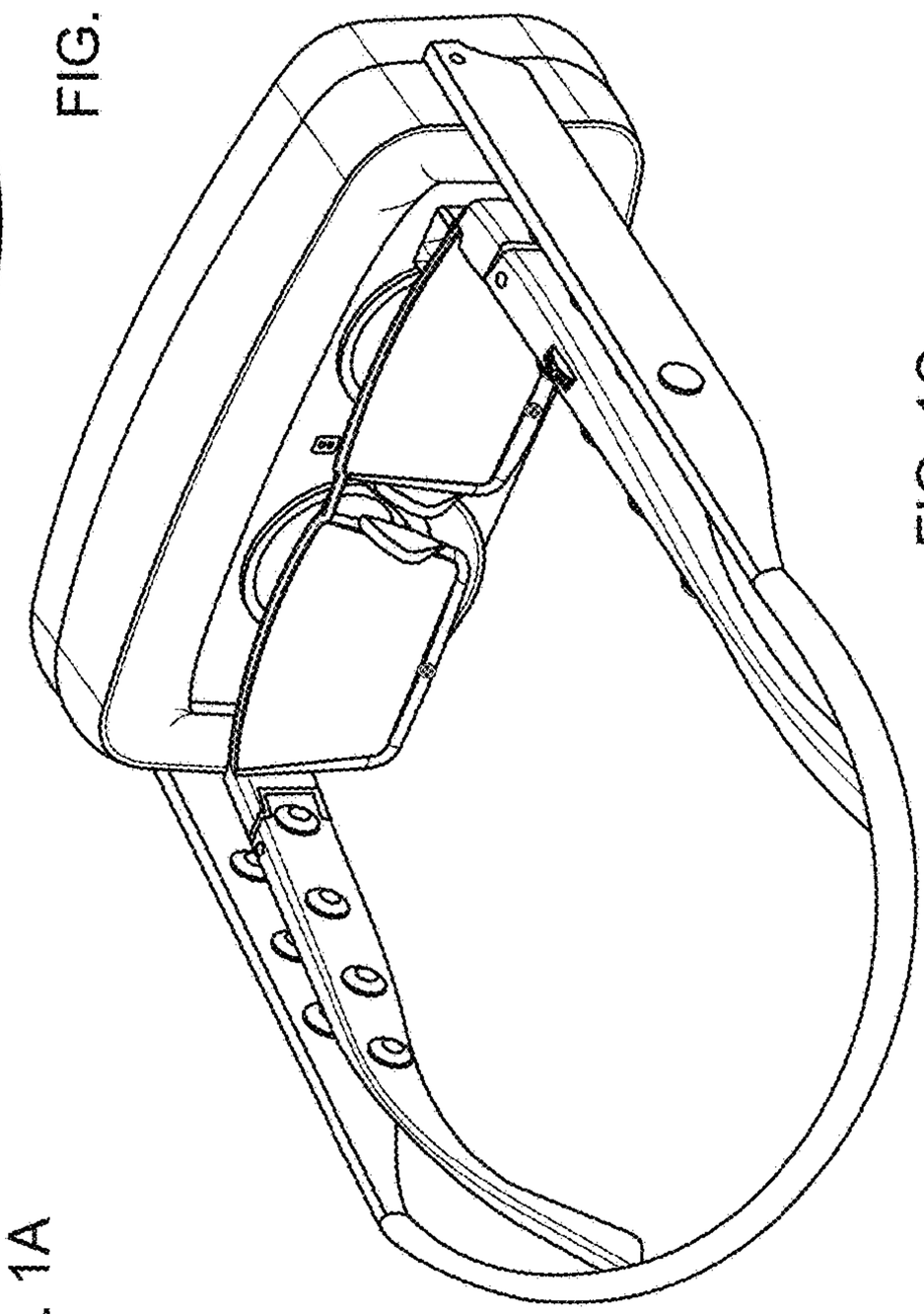
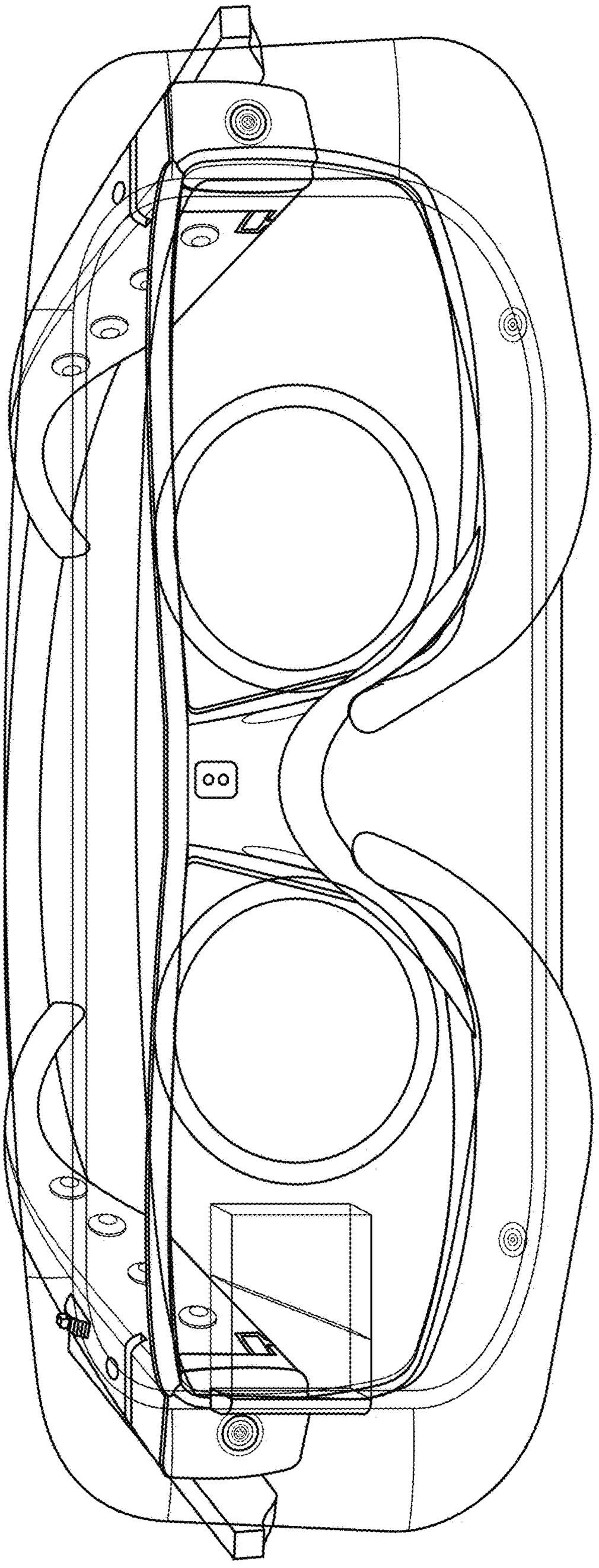


FIG. 1C

FIG. 2



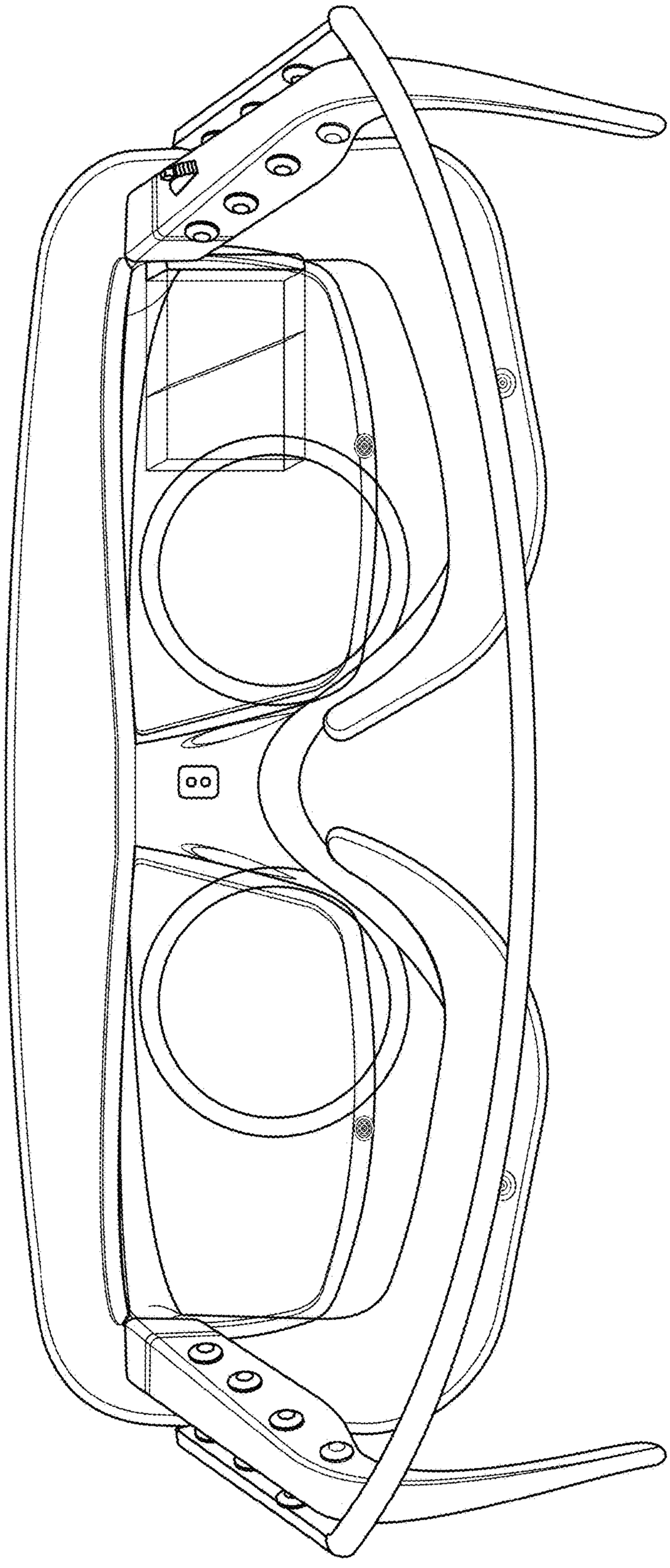


FIG. 3

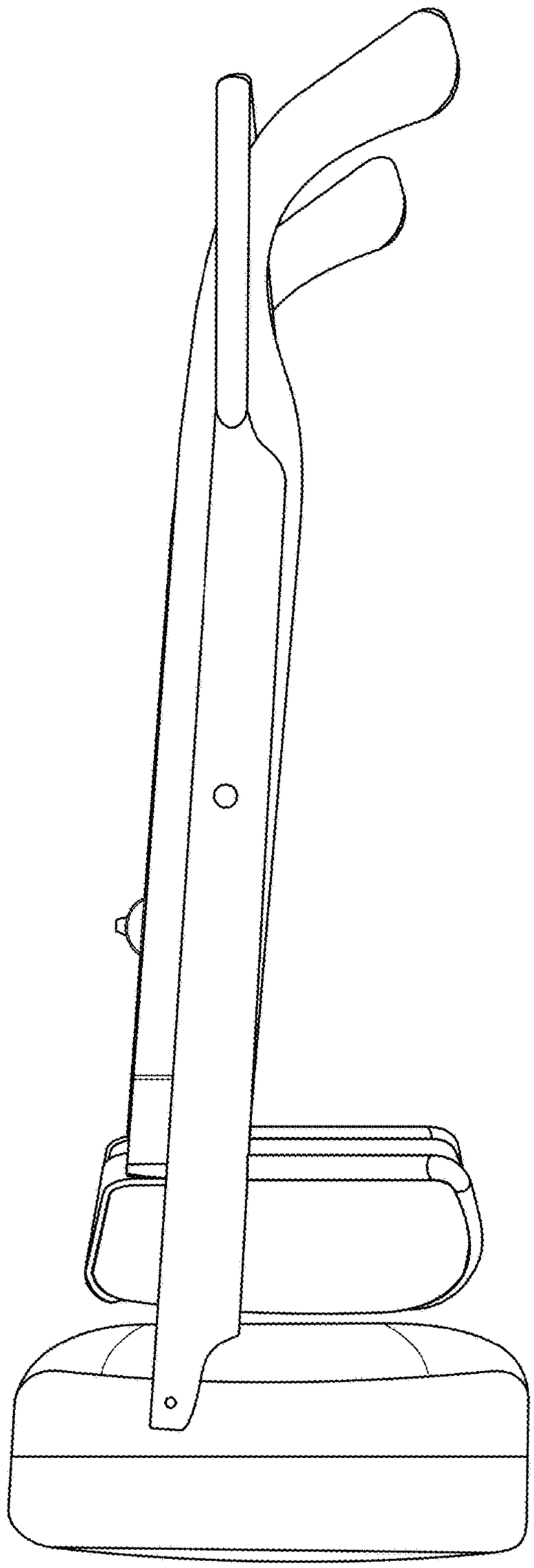


FIG. 4

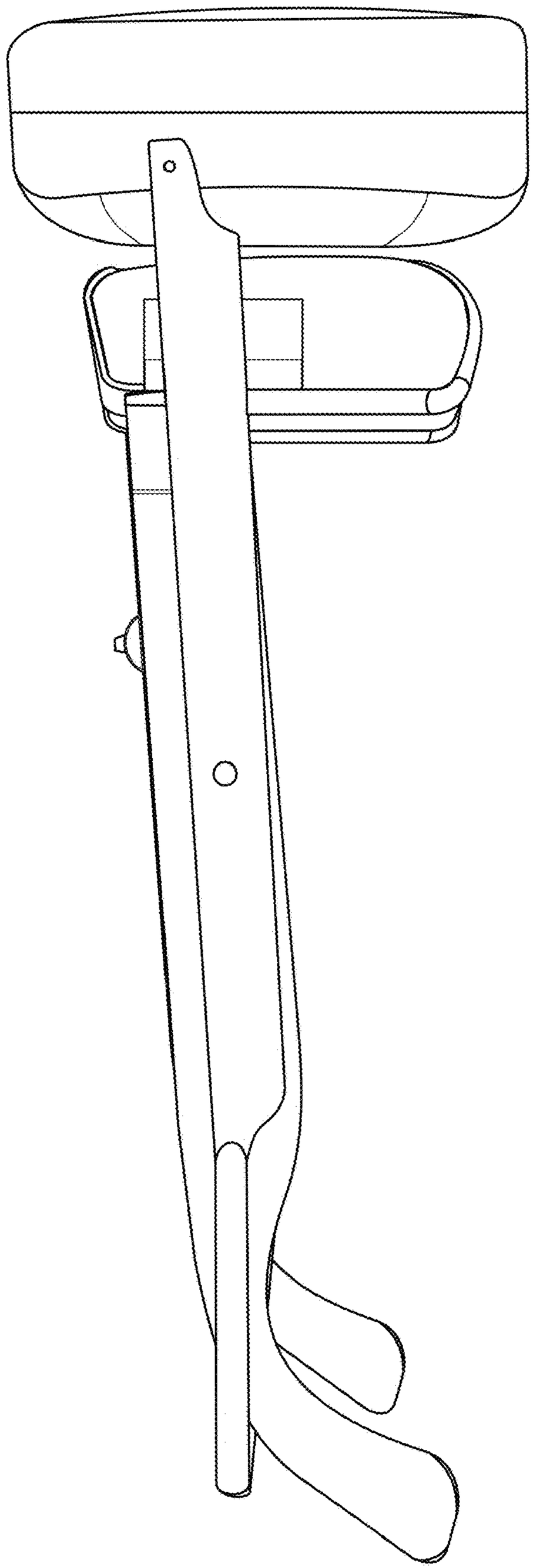


FIG. 5

FIG. 6

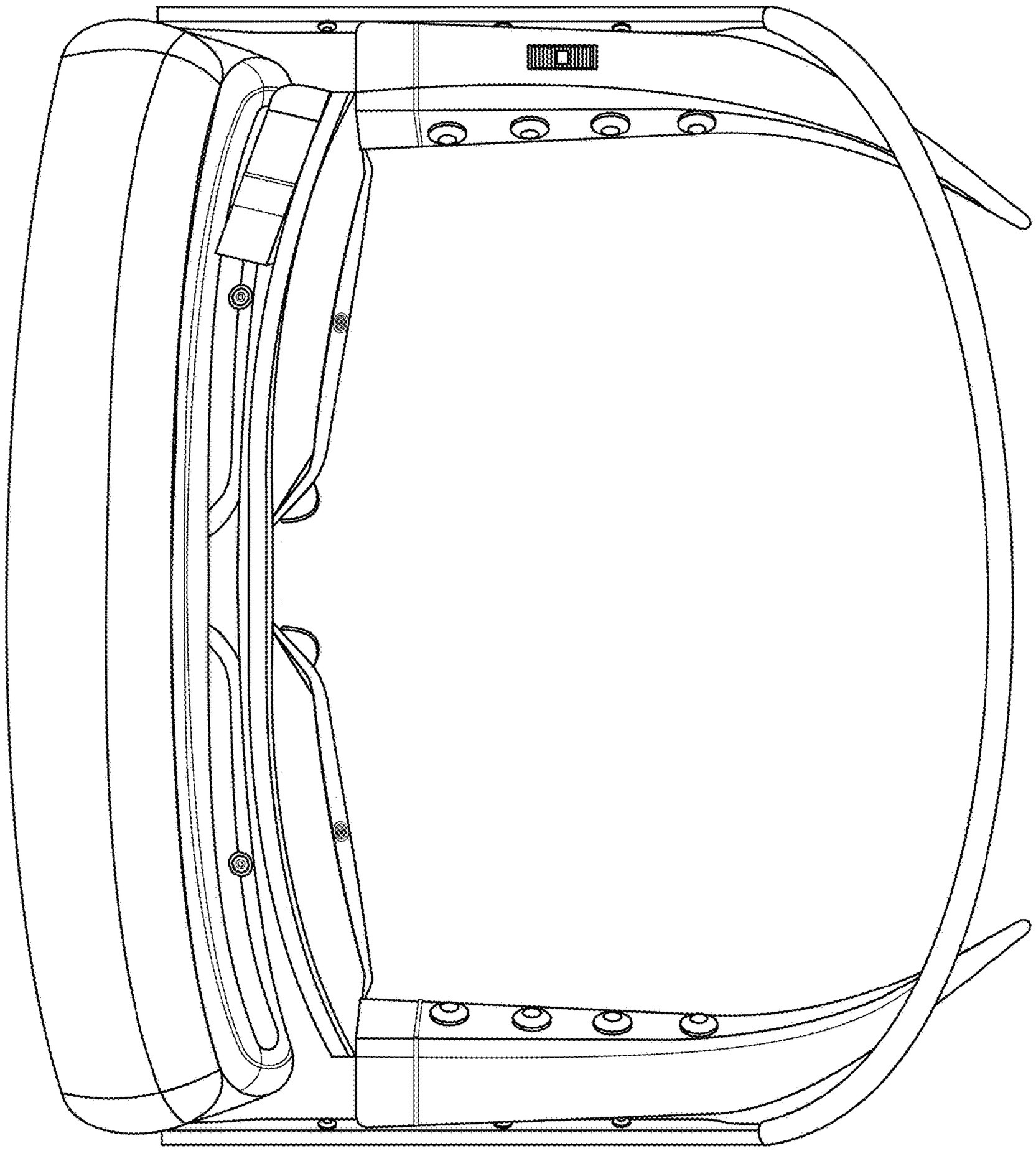


FIG. 7

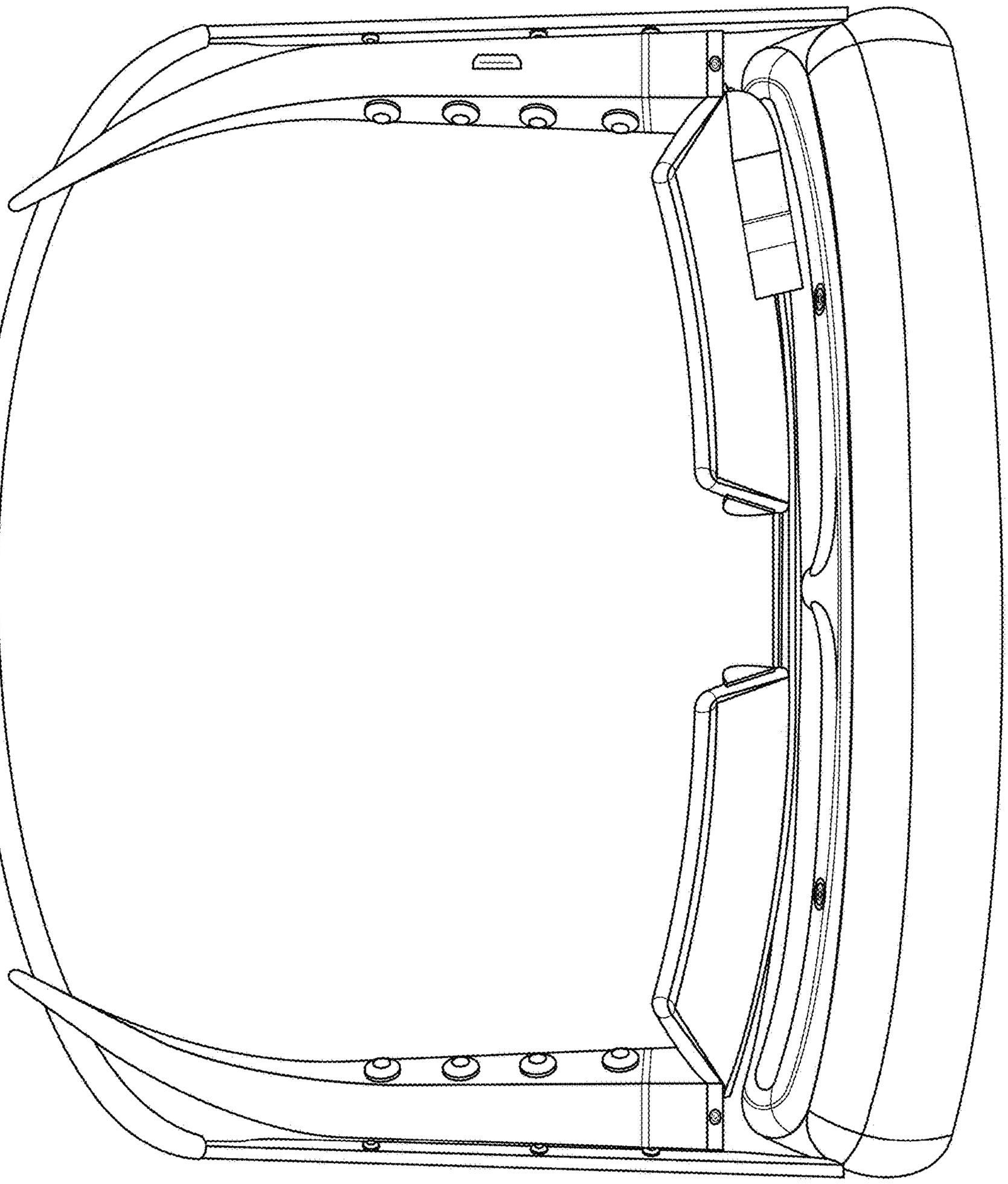


FIG. 8

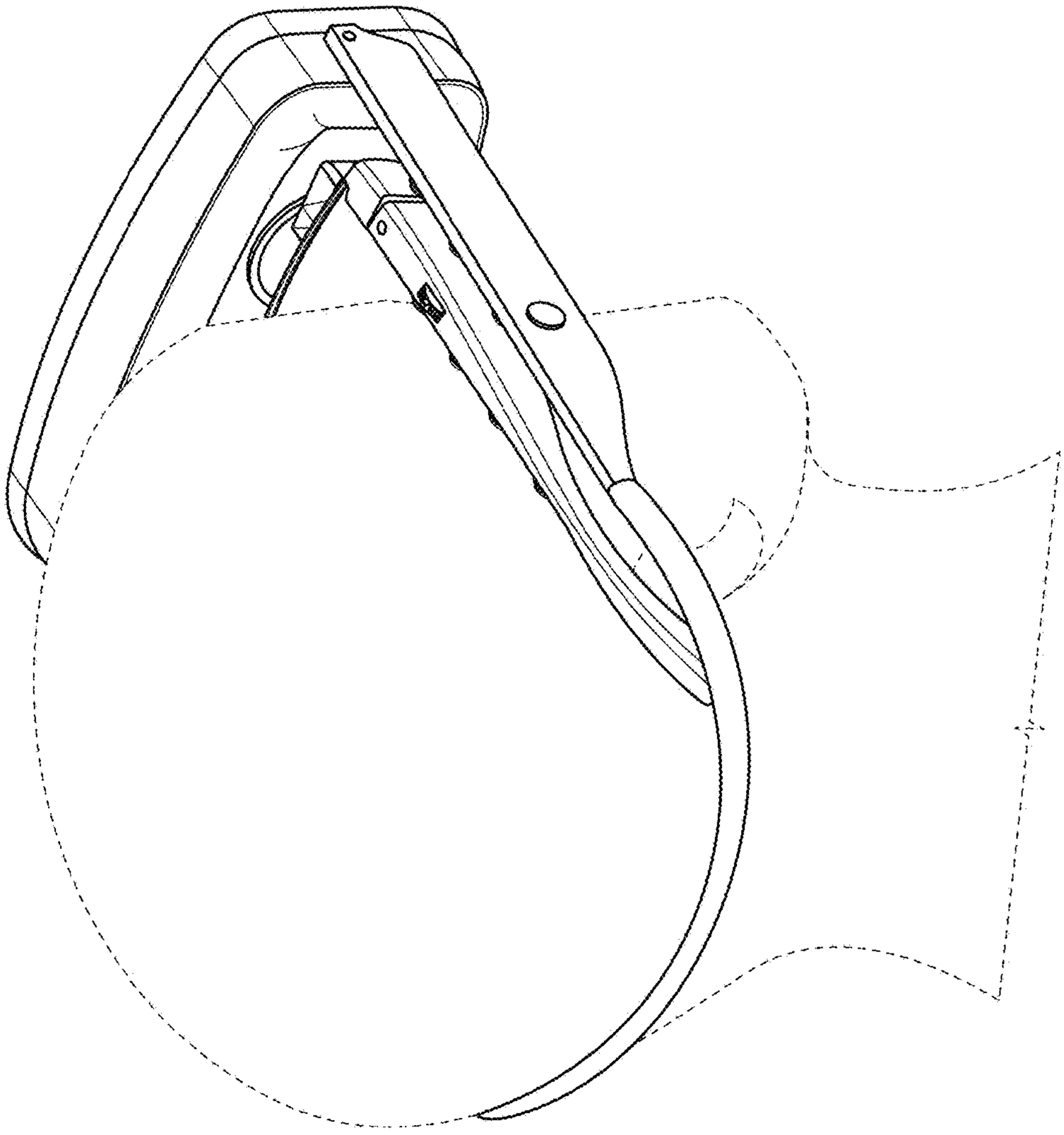


FIG. 9

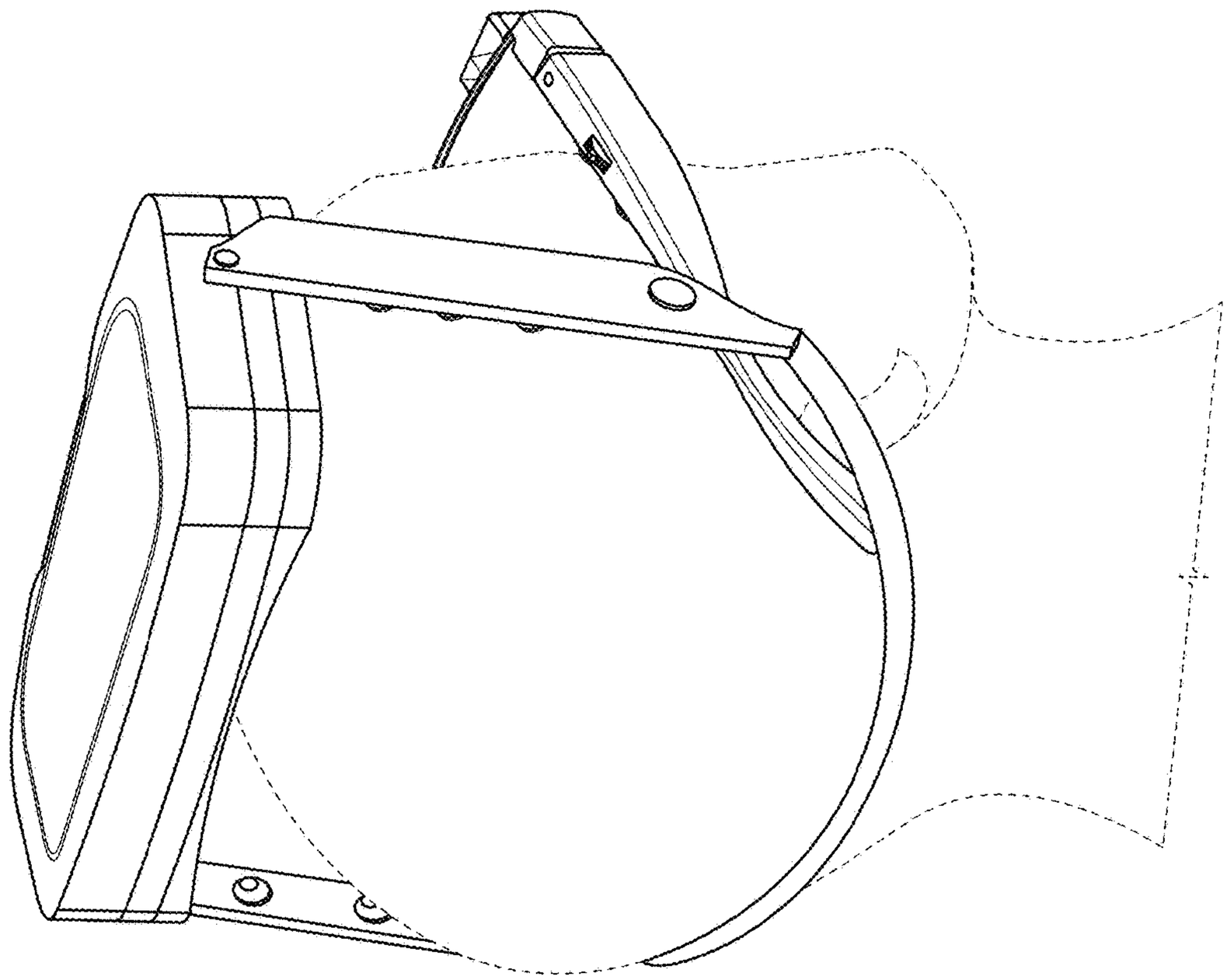


FIG. 10

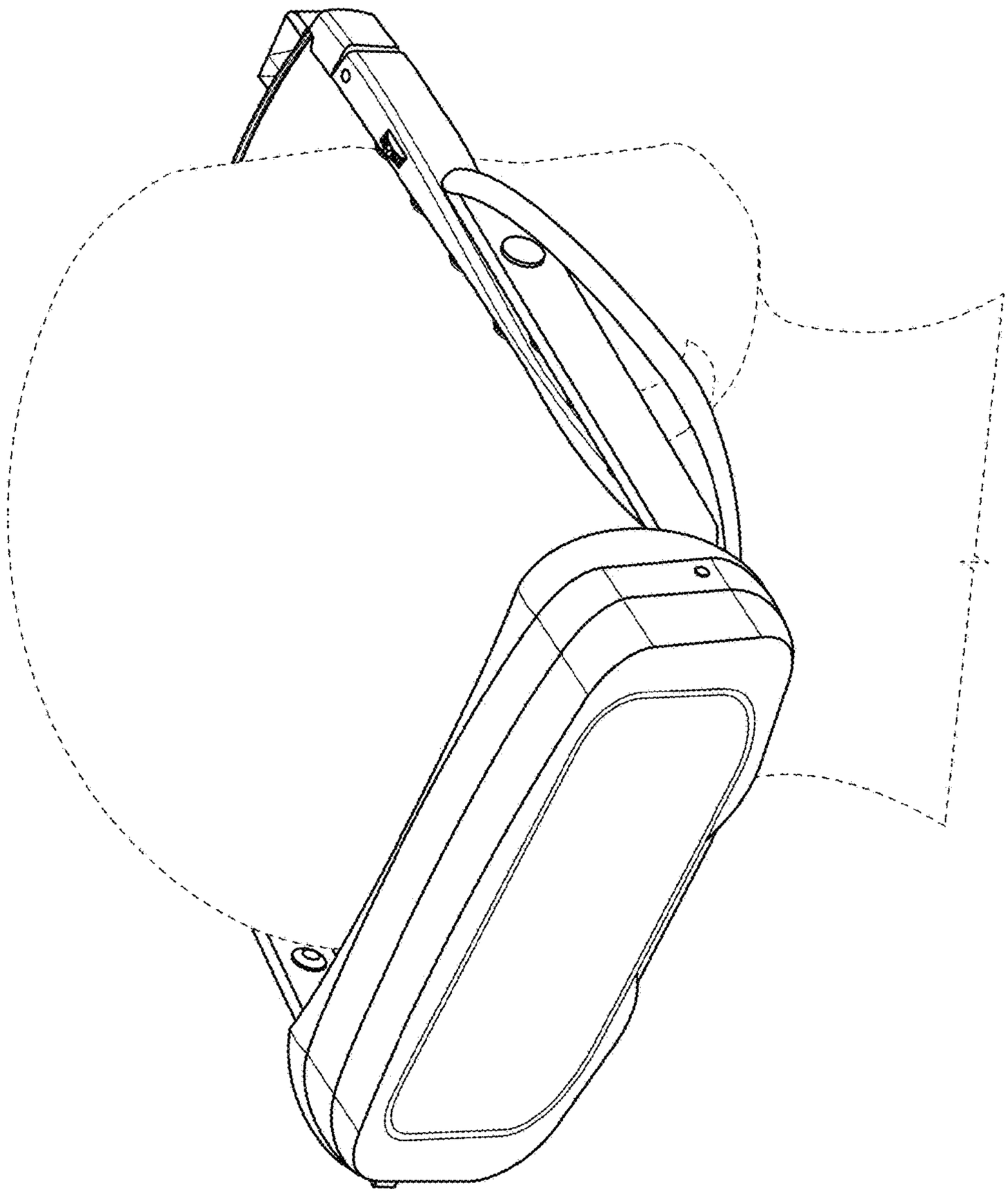


FIG. 11

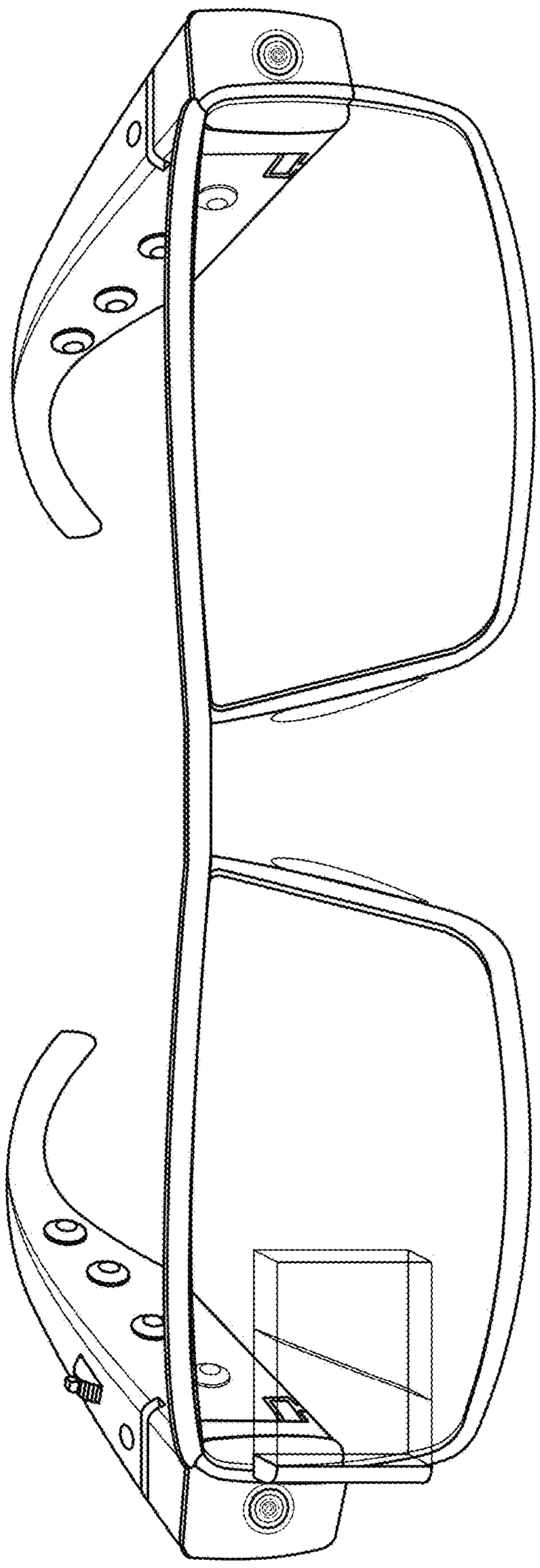
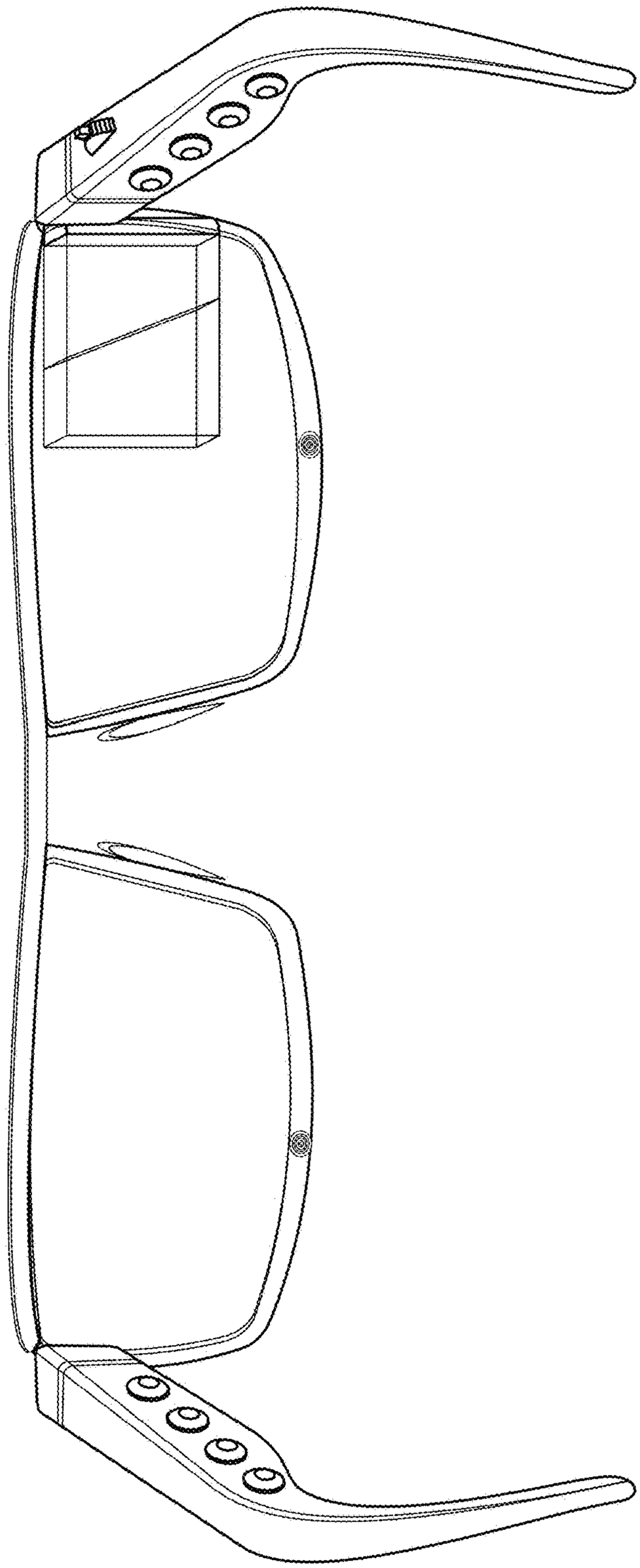


FIG. 12



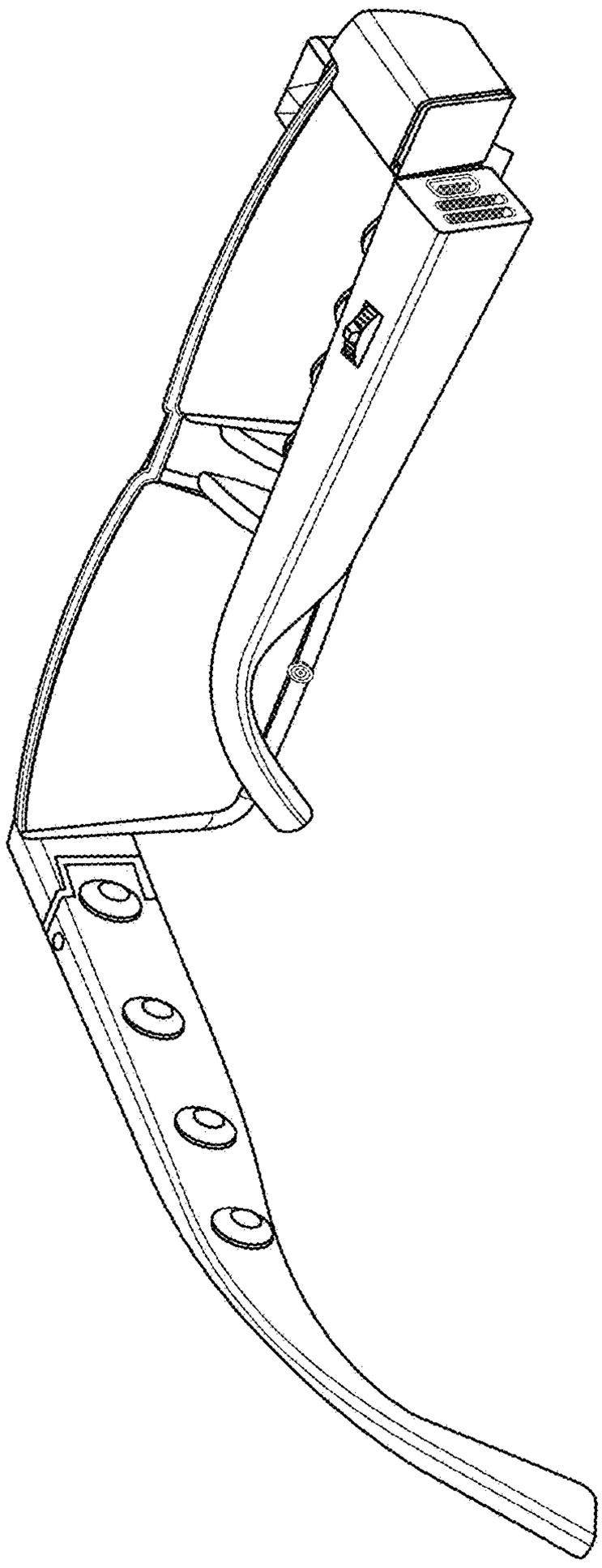


FIG. 13A

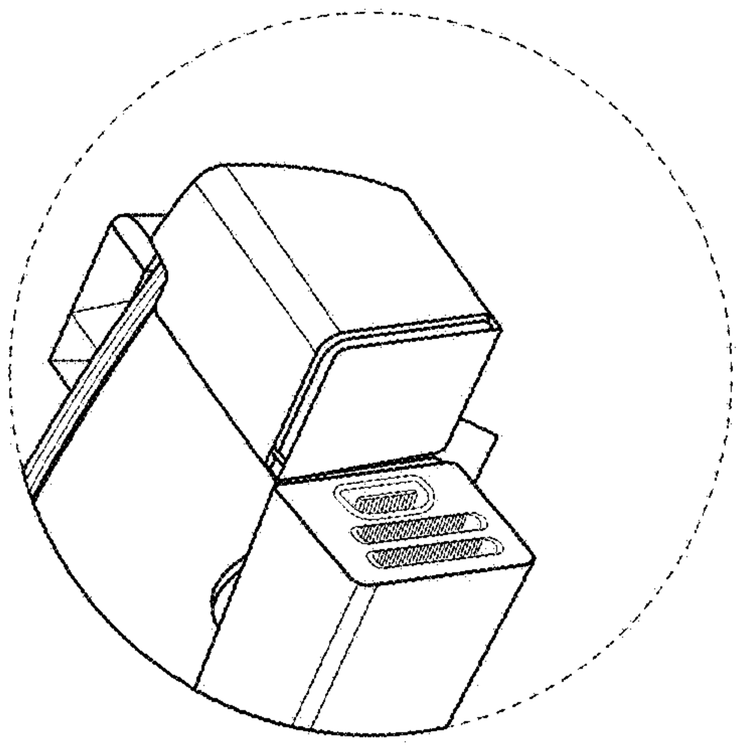


FIG. 13B

FIG. 14

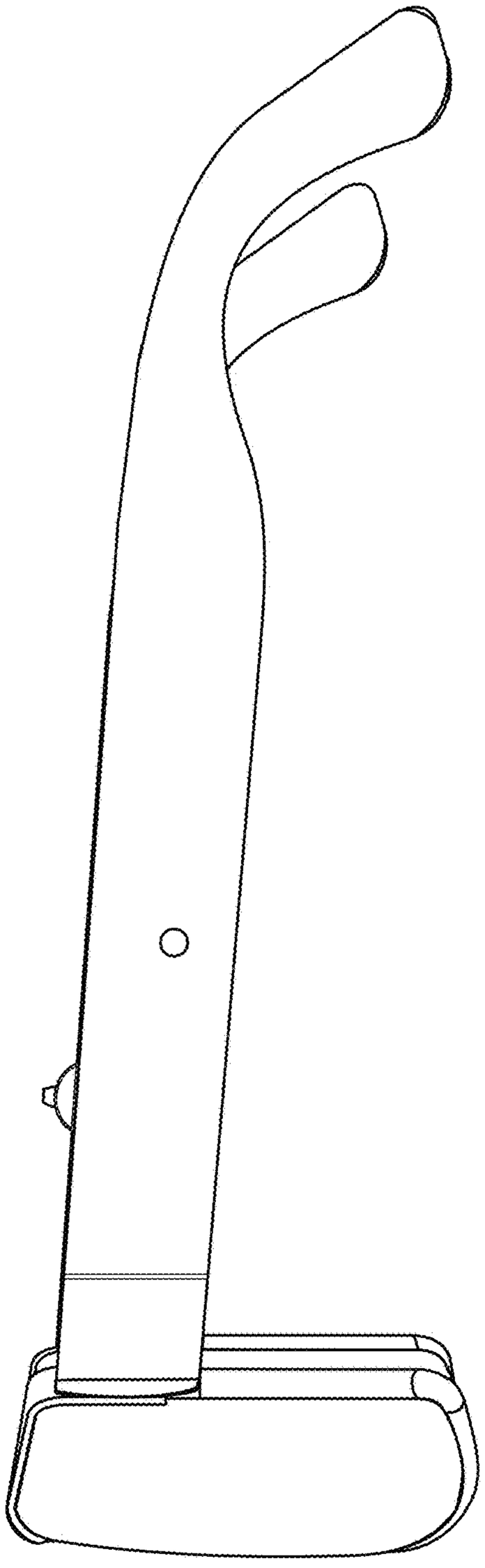


FIG. 15

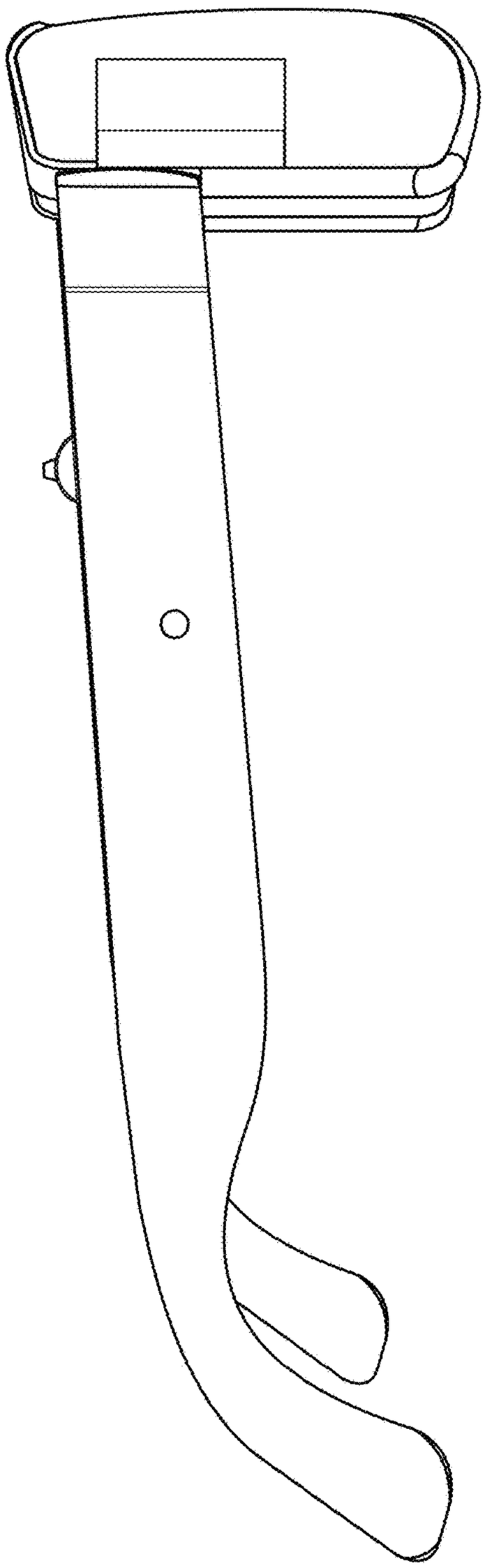


FIG. 16

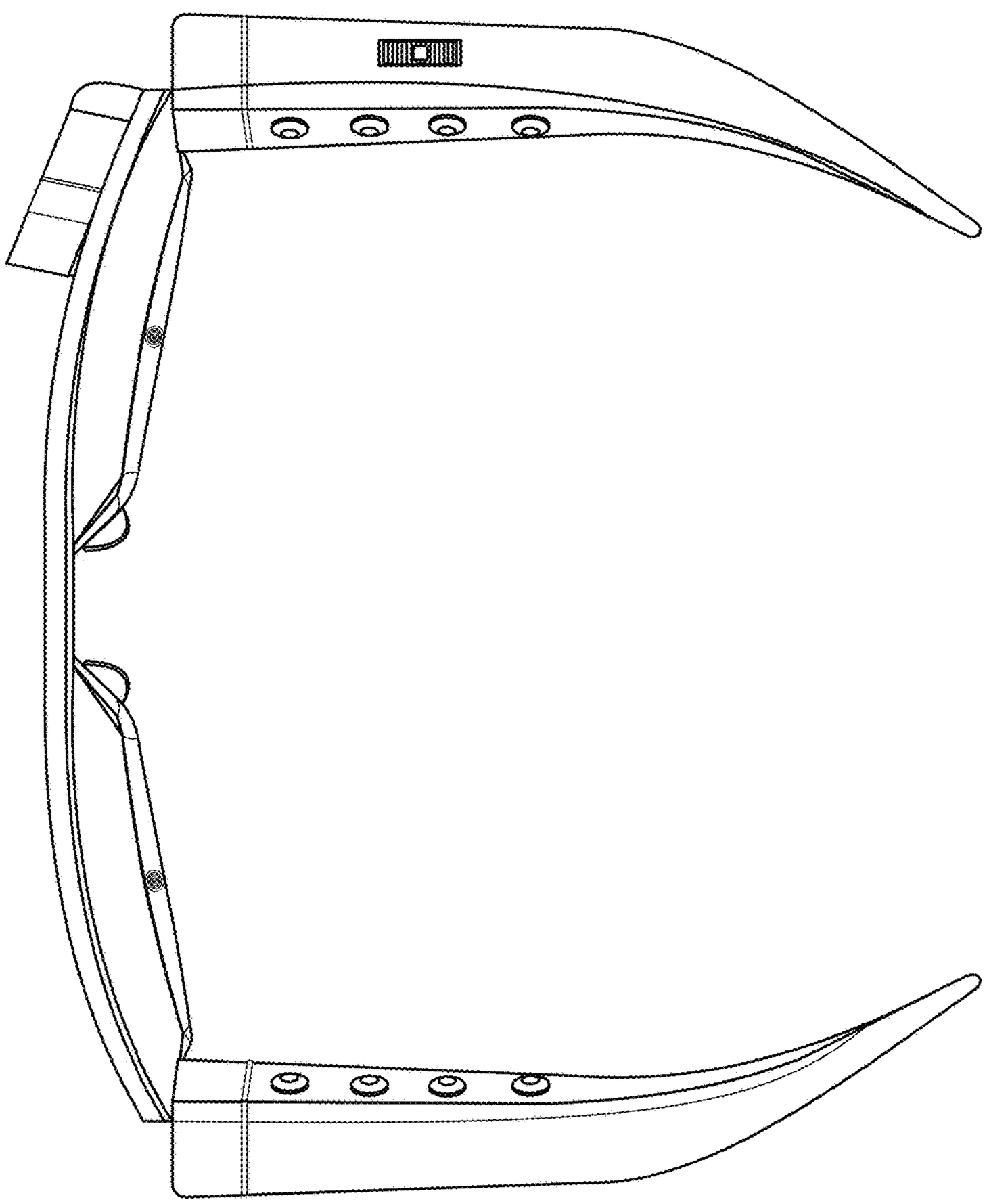


FIG. 17

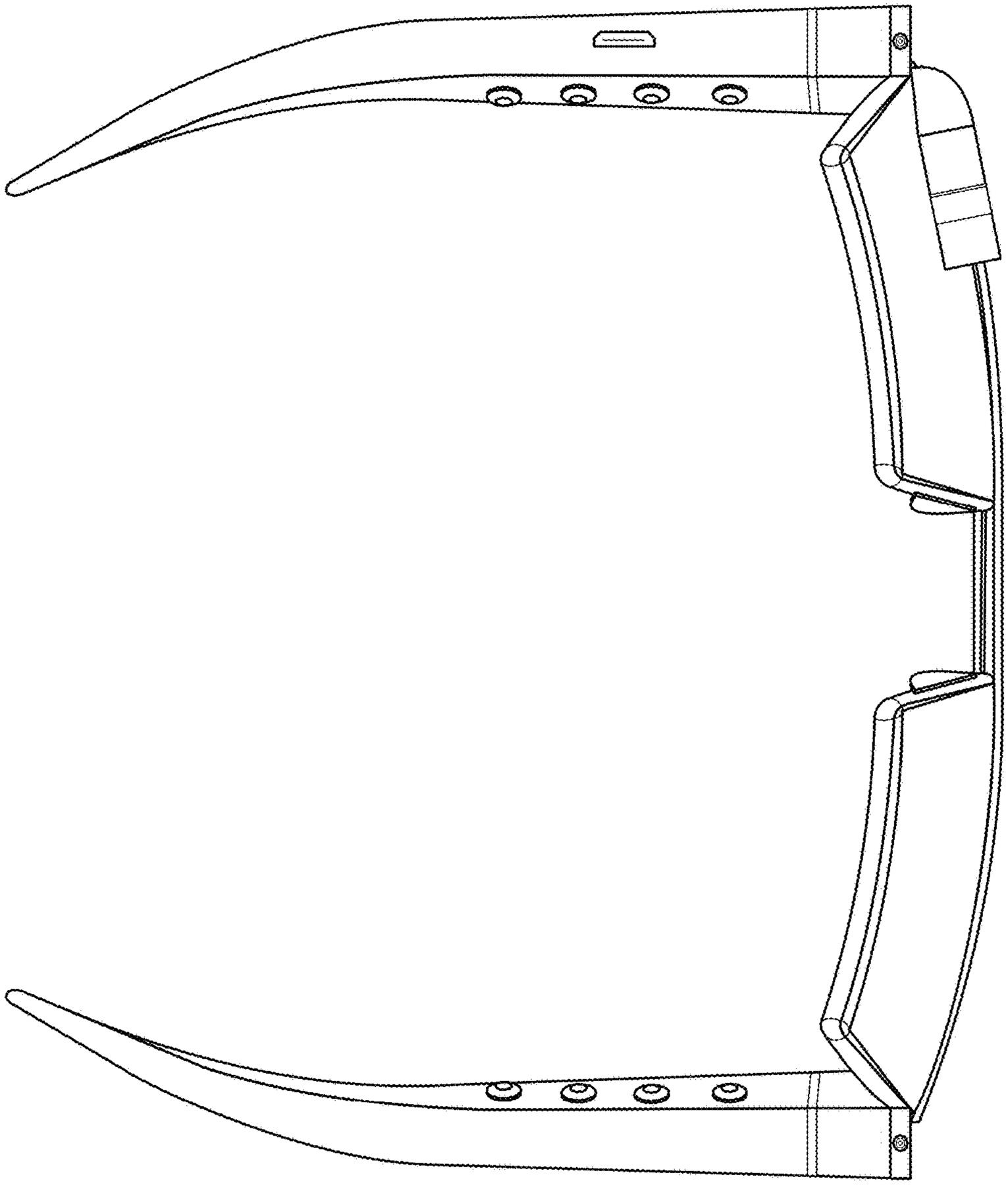


FIG. 18

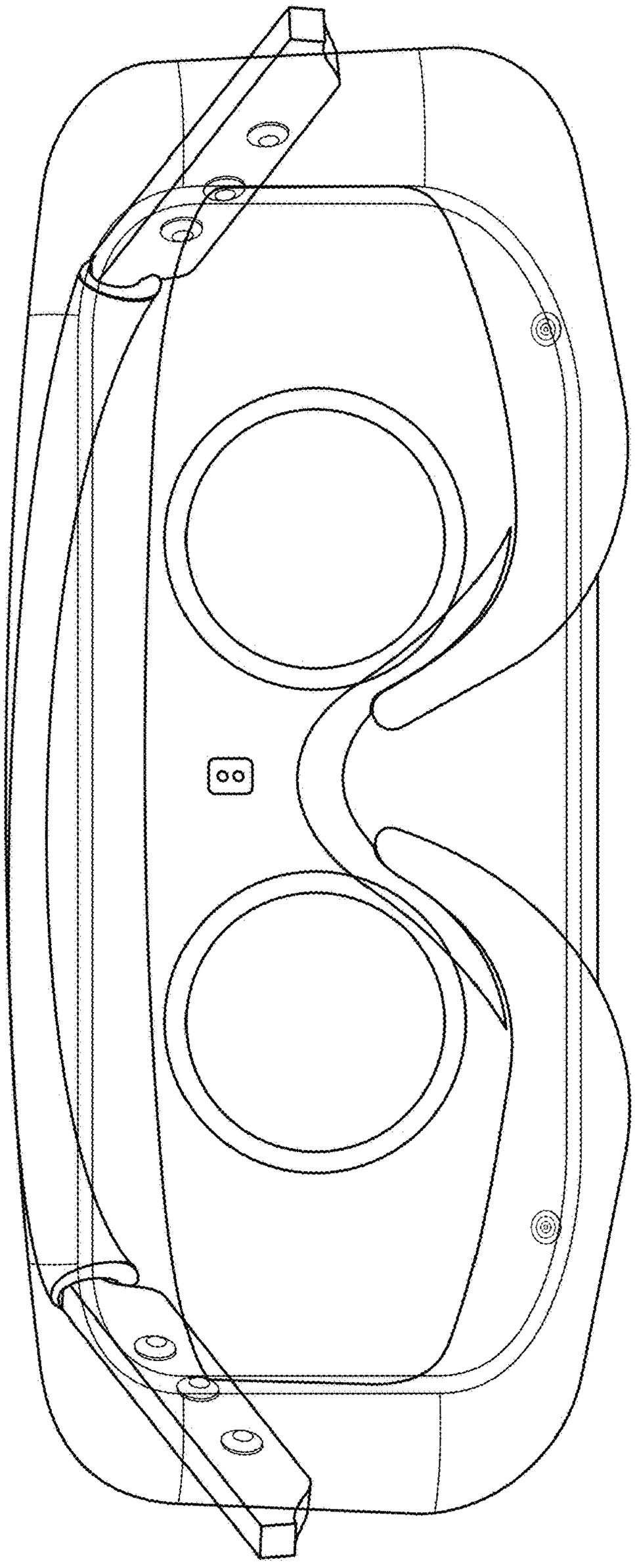


FIG. 19

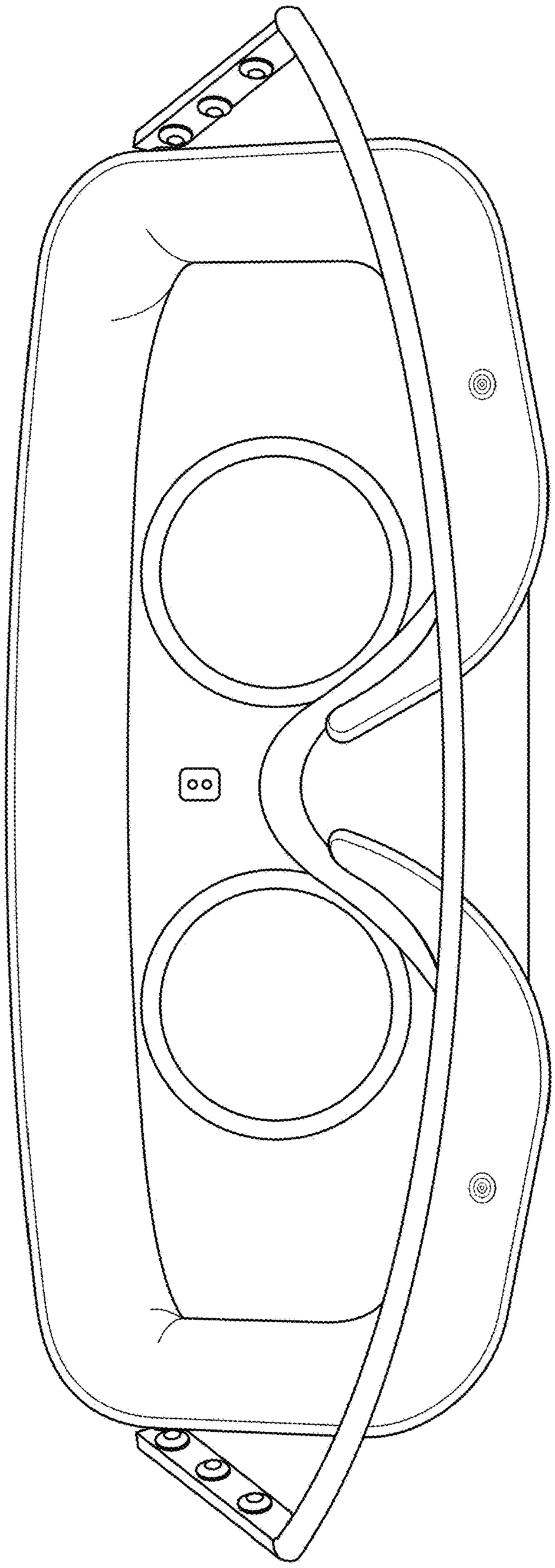
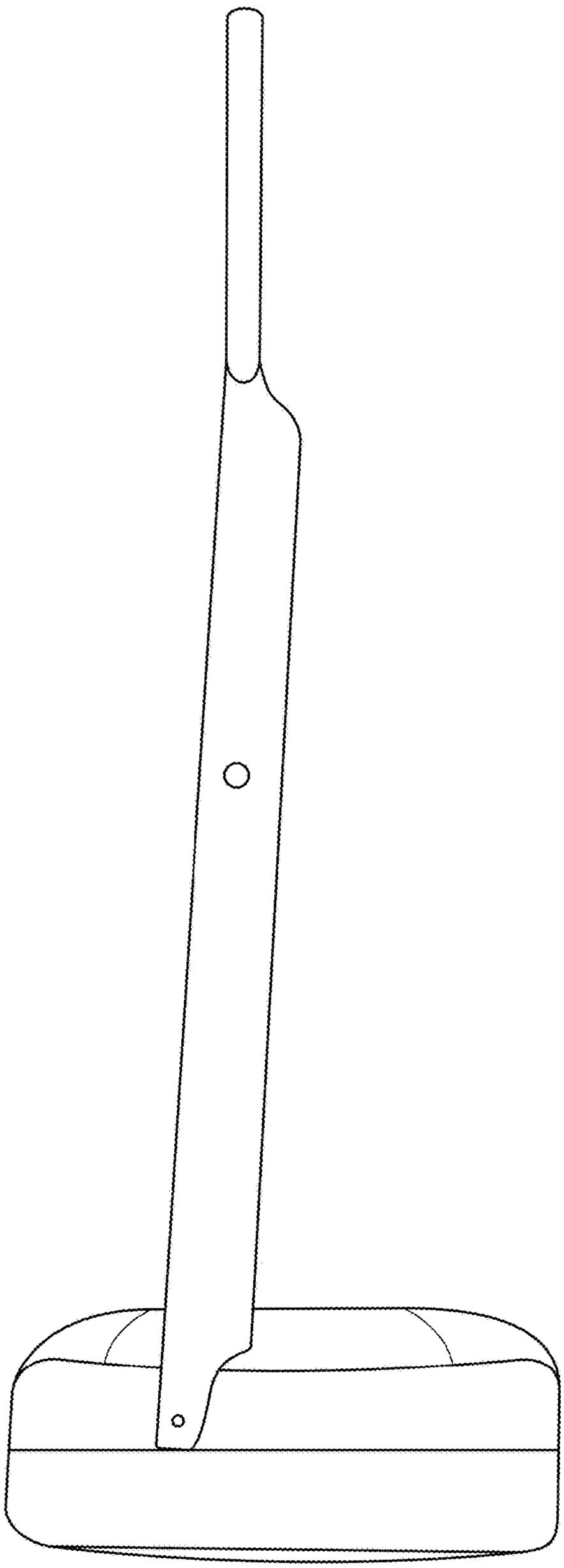


FIG. 20



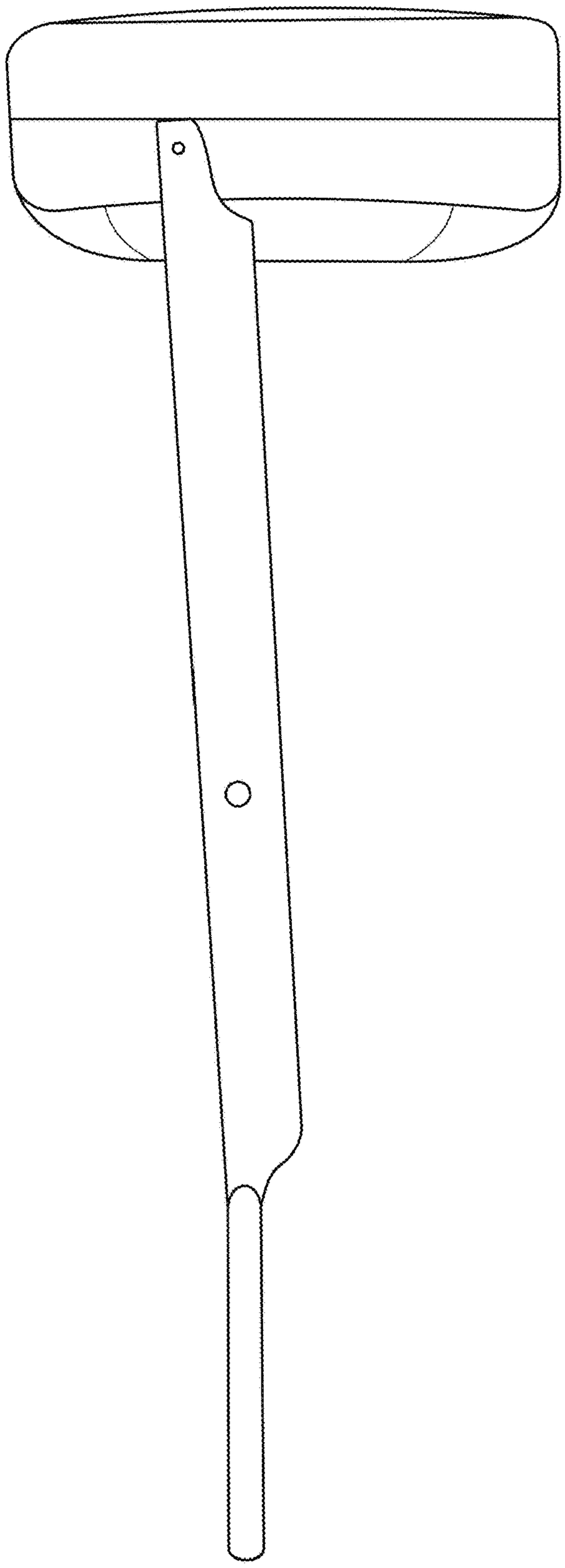


FIG. 21

FIG. 22

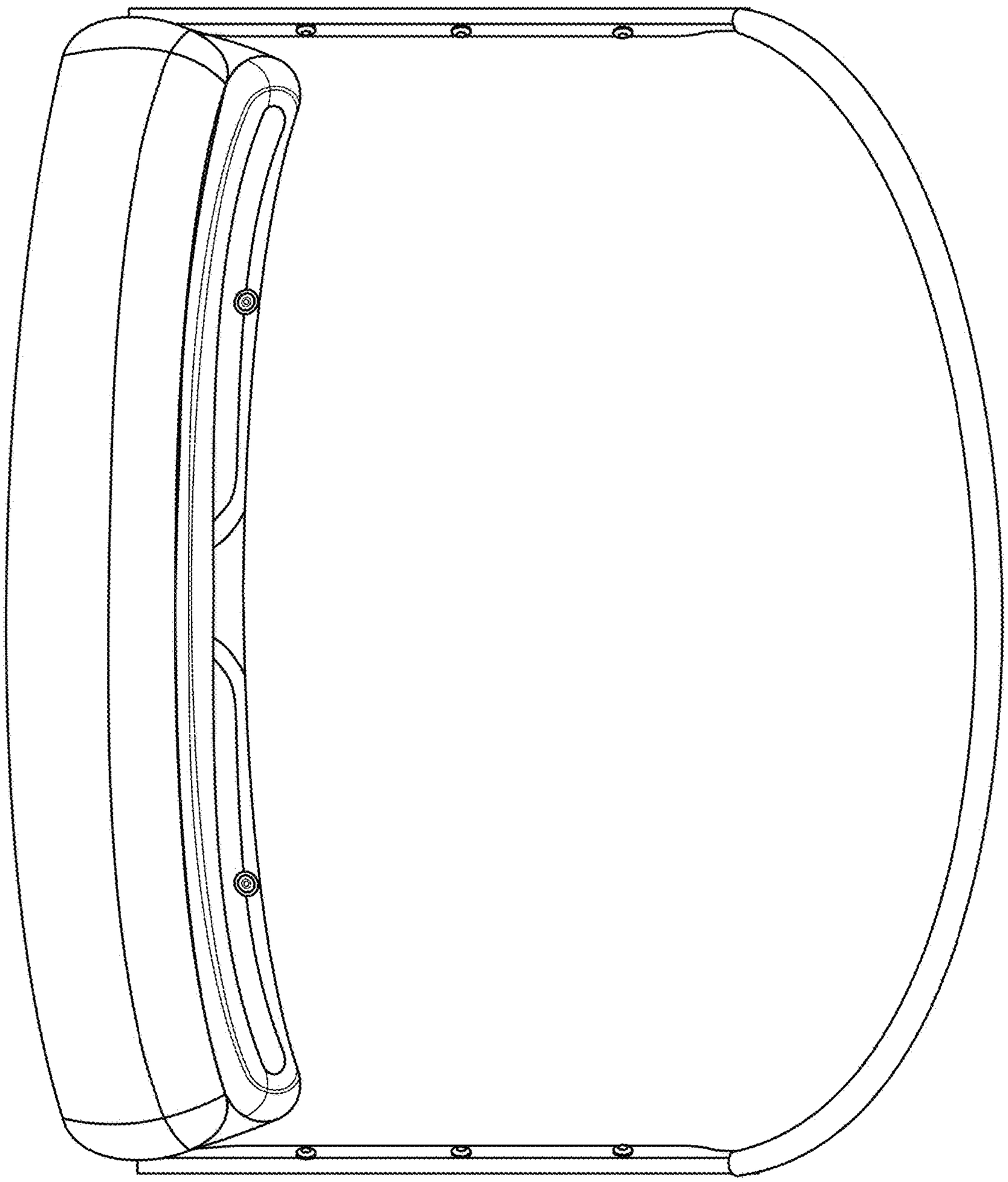


FIG. 23