



US00D741941S

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

(10) **Patent No.:** **US D741,941 S**

(45) **Date of Patent:** **** Oct. 27, 2015**

(54) **WEARABLE VISUAL SENSOR AND
TRANSCEIVER APPARATUS**

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(**) Term: **14 Years**

(21) Appl. No.: **29/492,435**

(22) Filed: **May 30, 2014**

(51) **LOC (10) Cl.** **16-06**

(52) **U.S. Cl.**
USPC **D16/309**; D16/300

(58) **Field of Classification Search**
USPC D16/101, 300–342, 900; D29/109–110;
351/41, 44, 51–52, 62, 158, 92,
351/103–123, 140–153, 63, 59, 45–48;
2/426–432, 447–449, 441, 434–437,
2/13, 15; D21/483, 659–661; D14/372
CPC G02C 2200/08; G02C 1/06; G02C 5/14;
G02C 11/02; G02C 11/04; G01C 5/16;
A61M 2021/0044

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D483,779 S * 12/2003 Huang D16/135
D565,082 S * 3/2008 McClure et al. D16/309

D569,409 S * 5/2008 Lin D16/301
D601,641 S * 10/2009 Yeung D21/483
D688,294 S * 8/2013 Roy et al. D16/309
D697,130 S * 1/2014 Lovgren D16/312
D701,557 S * 3/2014 Lee et al. D16/309

* cited by examiner

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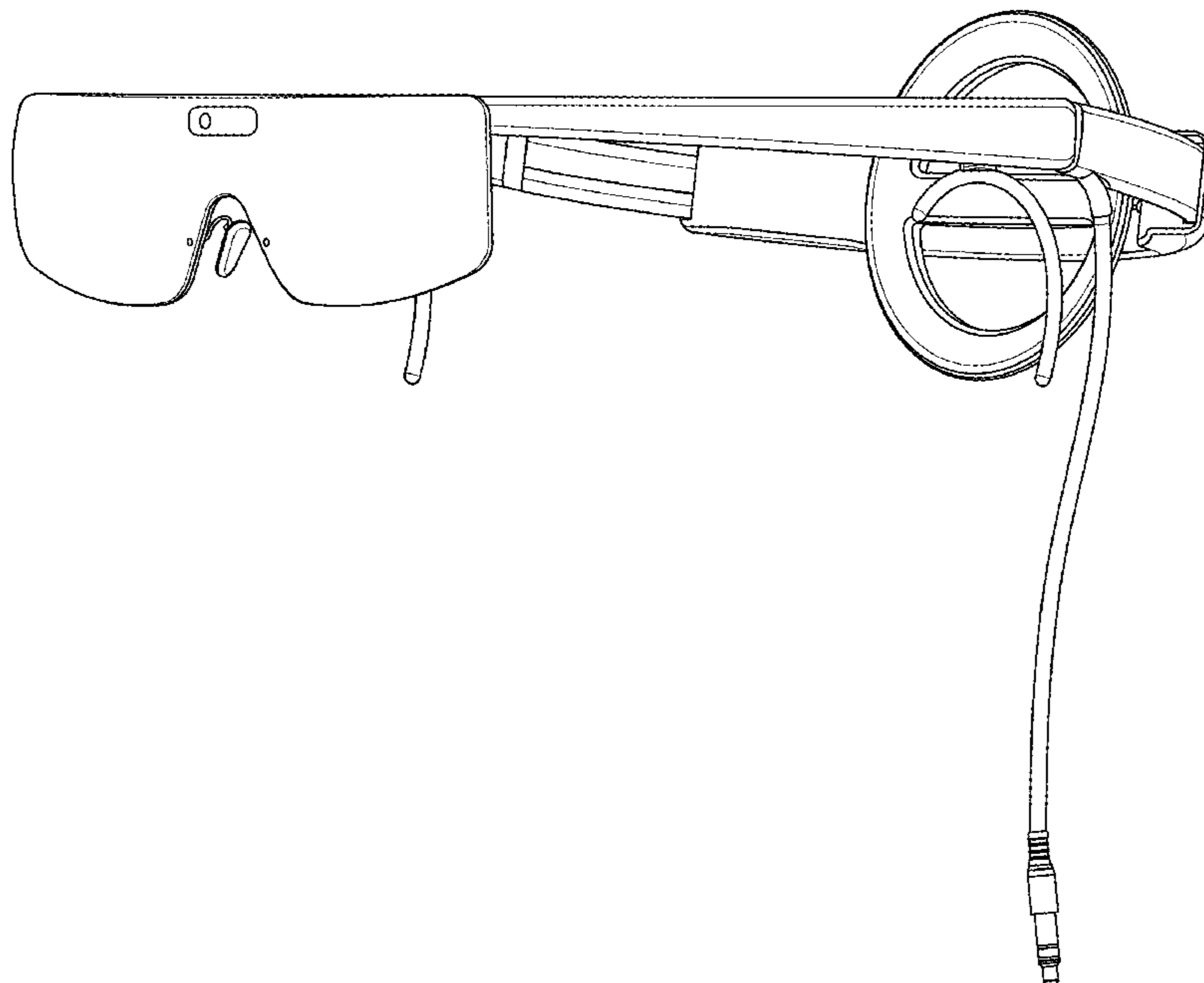
(57) **CLAIM**

The ornamental design for a wearable visual sensor and transceiver apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of a wearable visual sensor and transceiver apparatus in accordance with our new design; FIG. 2 is a rear elevation view thereof; FIG. 3 is a left side elevation view thereof; FIG. 4 is a right side elevation view thereof; FIG. 5 is a top view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a perspective view thereof; FIG. 8 is a front elevation view thereof, as worn; FIG. 9 is a rear elevation view thereof, as worn; FIG. 10 is a left side elevation view thereof, as worn; FIG. 11 is a right side elevation view thereof, as worn; FIG. 12 is a top view thereof, as worn; FIG. 13 is a bottom view thereof, as worn; and, FIG. 14 is a perspective view thereof, as worn. Any broken lines and unshaded portions contained within broken lines are not claimed. Also, the person's head on which the wearable visual sensor and transceiver apparatus is worn is not claimed.

1 Claim, 14 Drawing Sheets



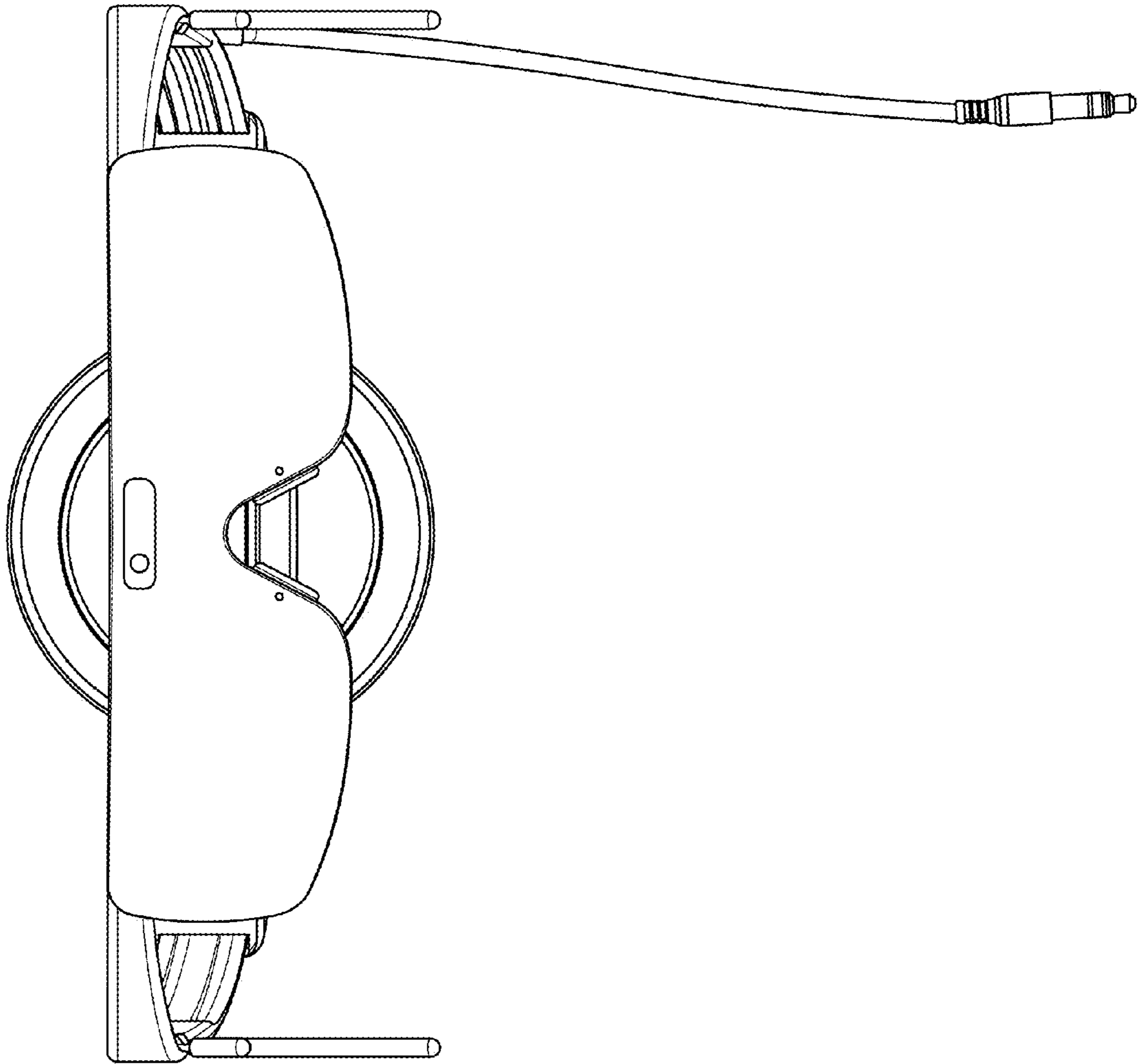


FIG. 1

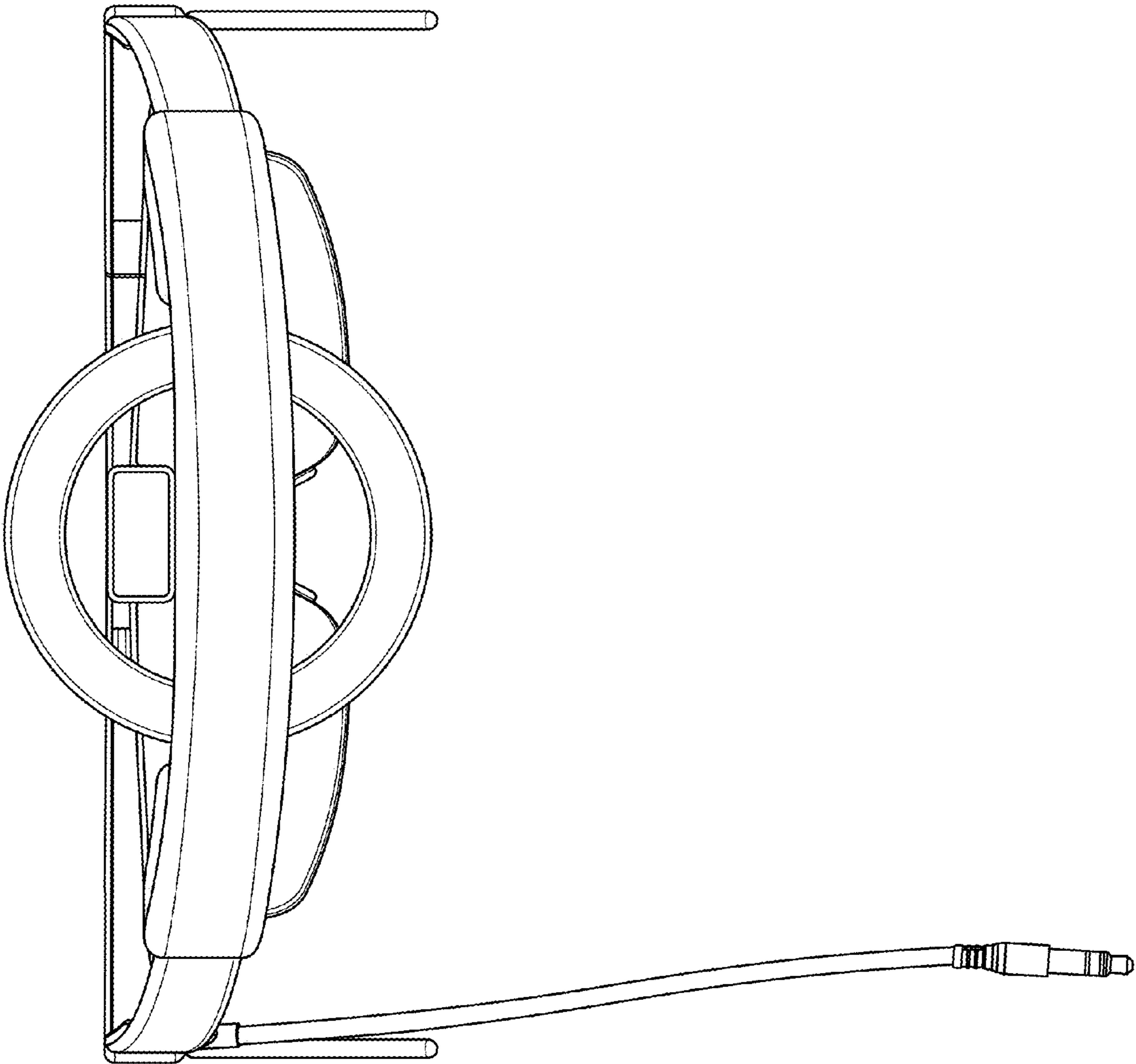


FIG. 2

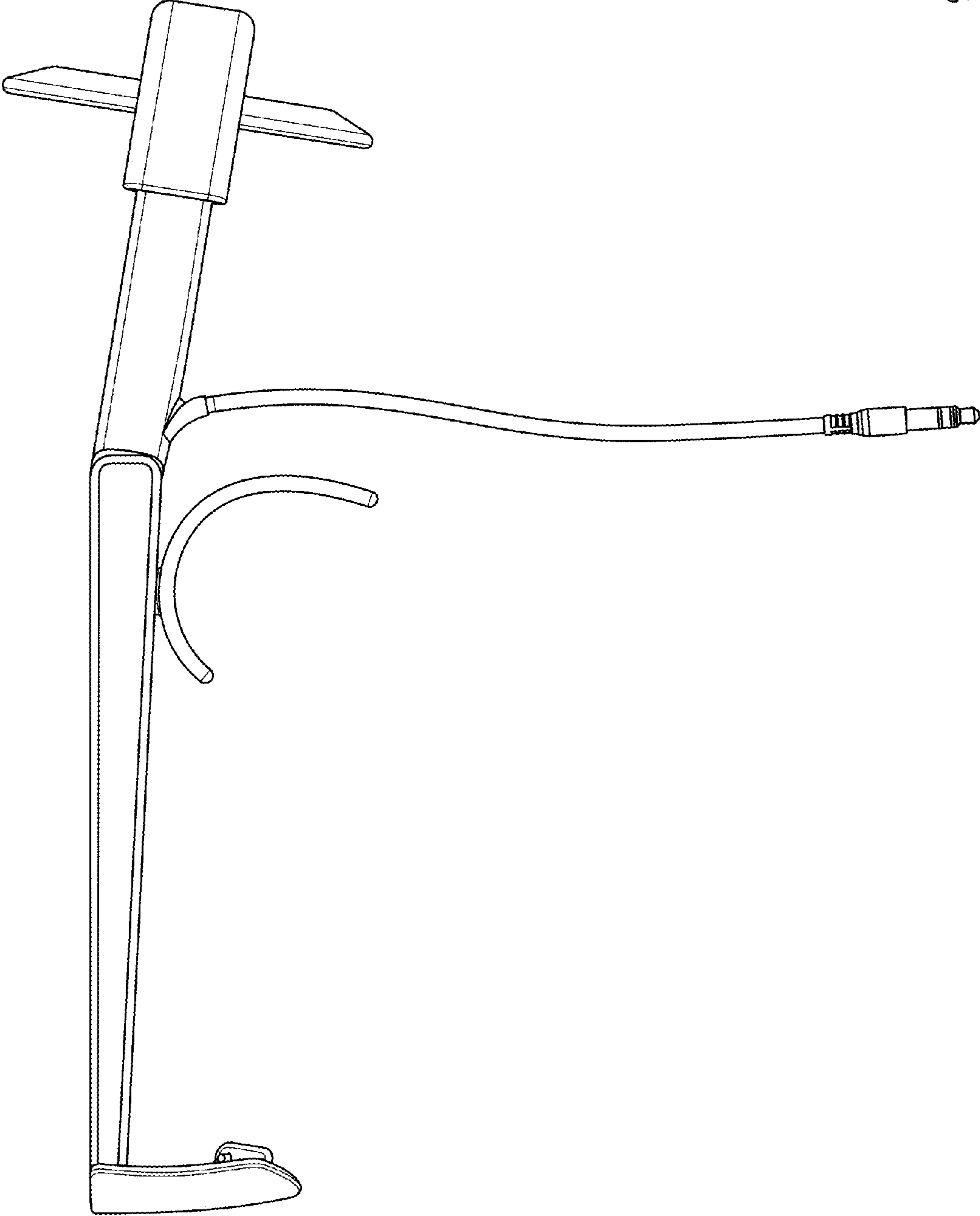


FIG. 3

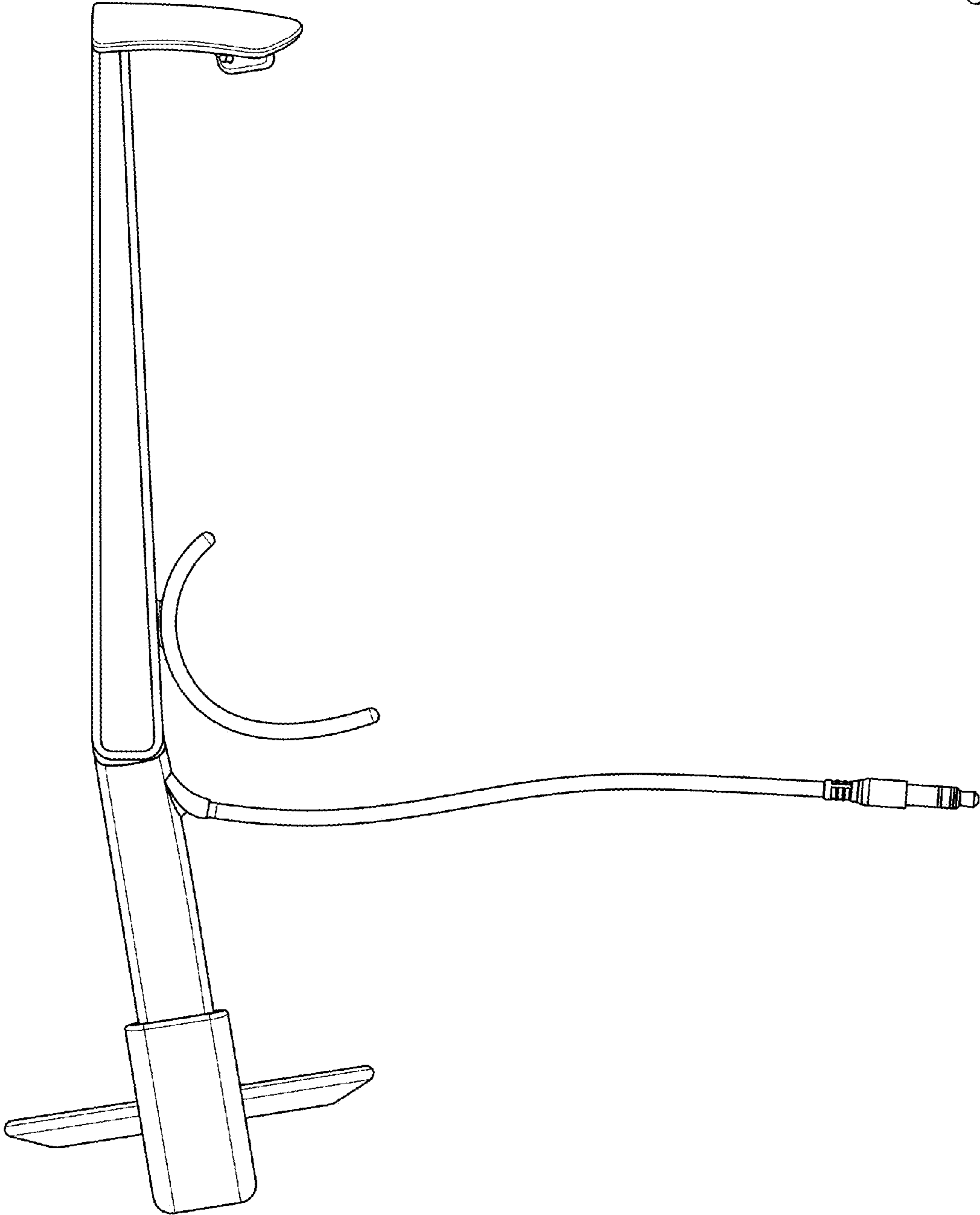


FIG. 4

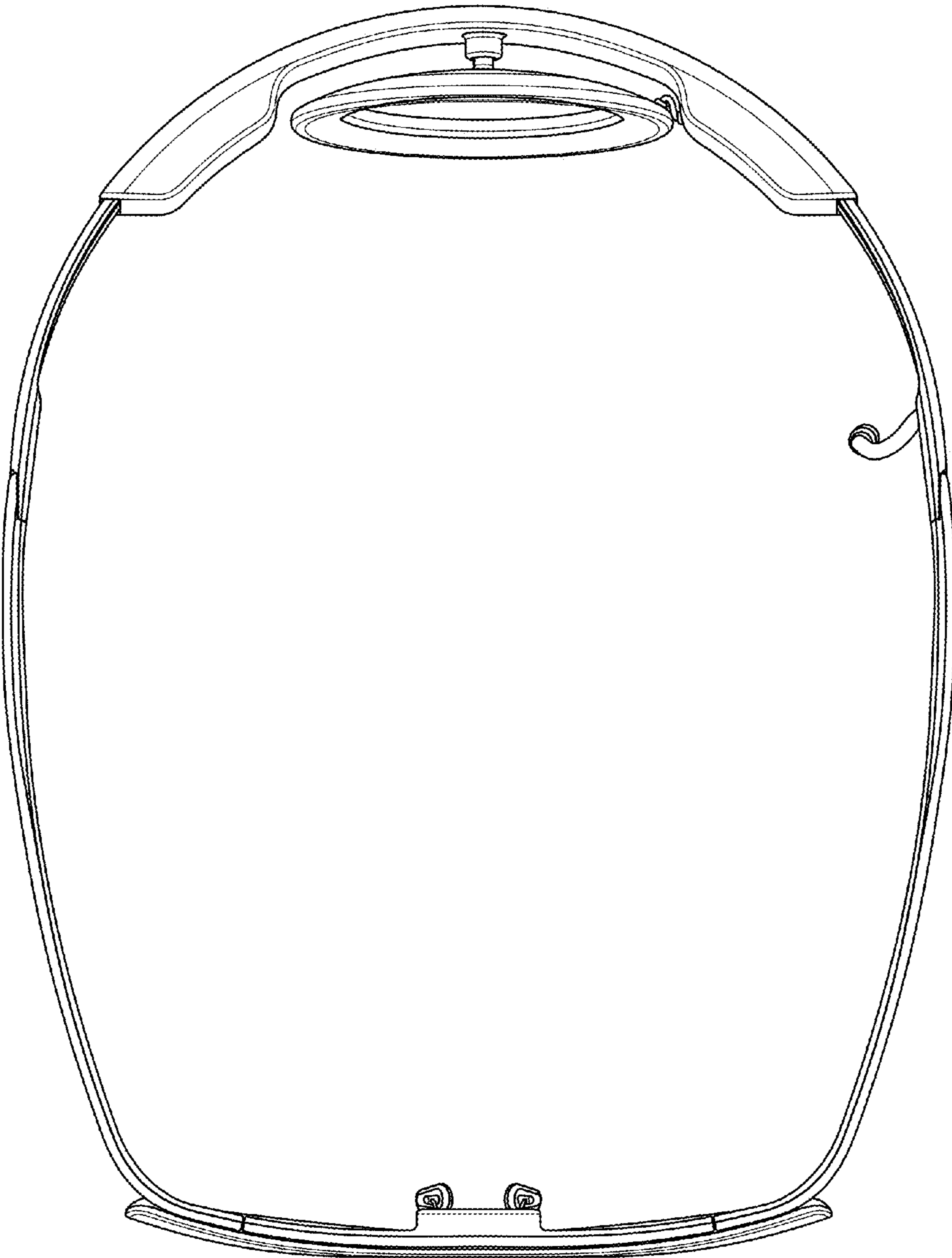


FIG. 5

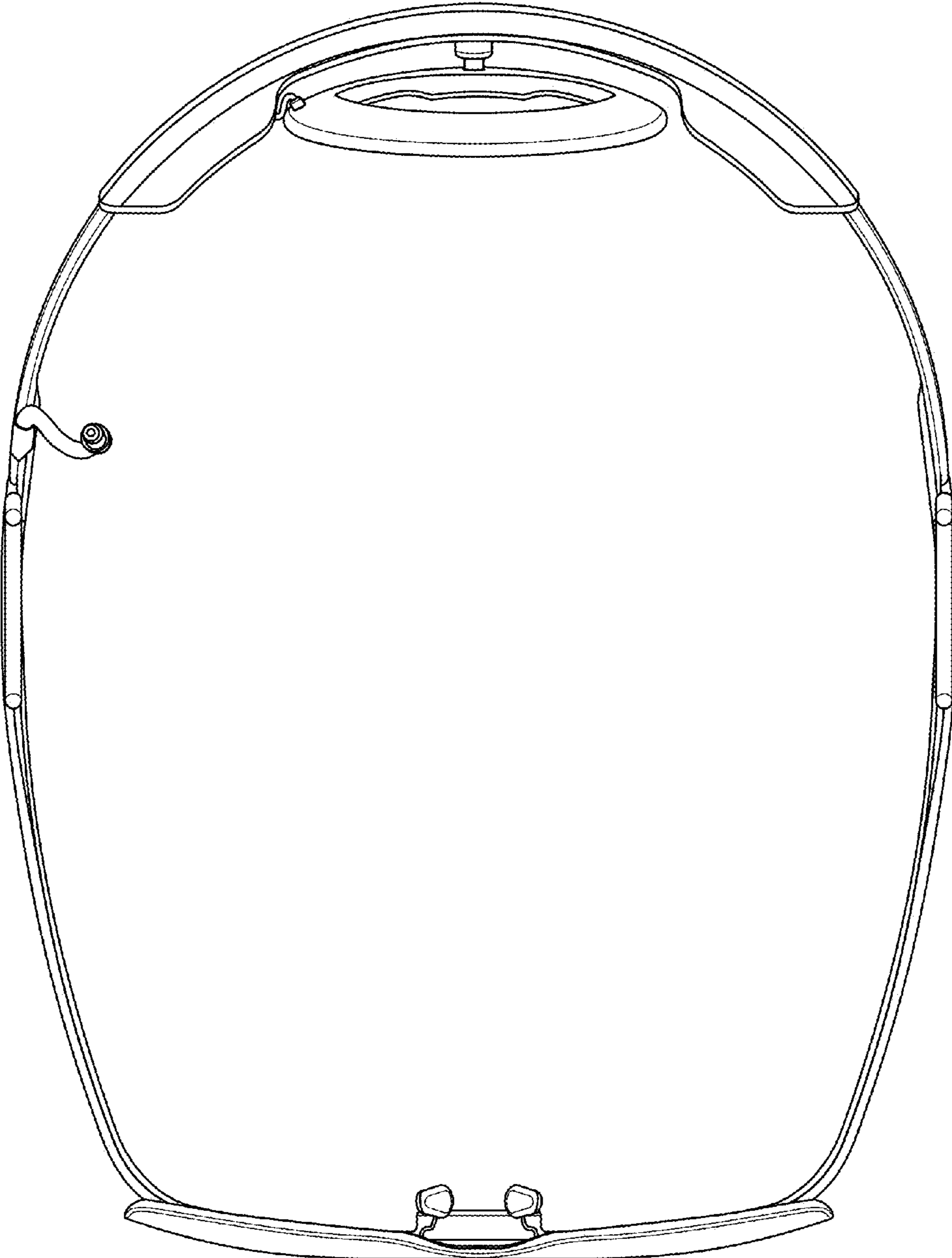


FIG. 6

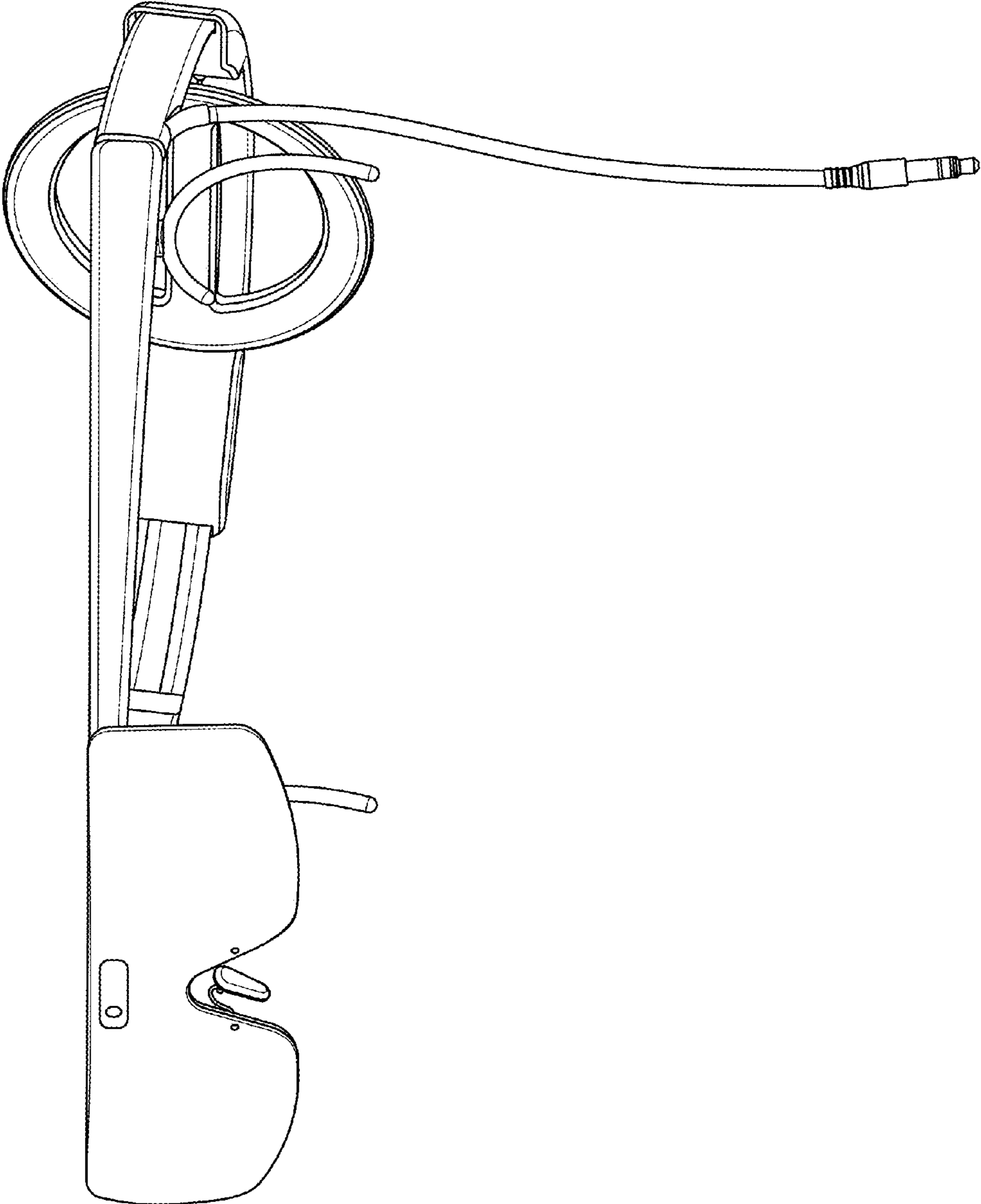


FIG. 7

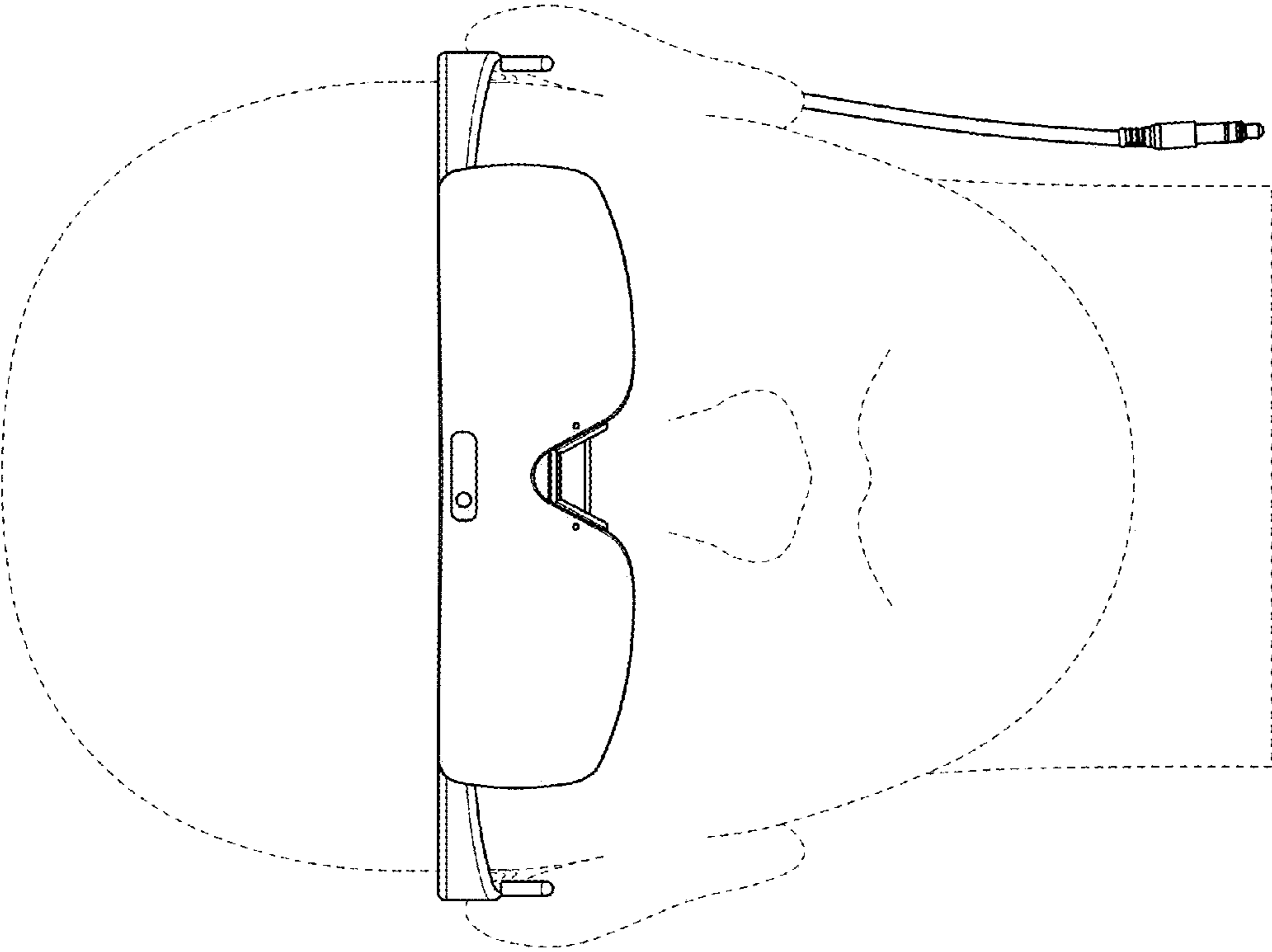
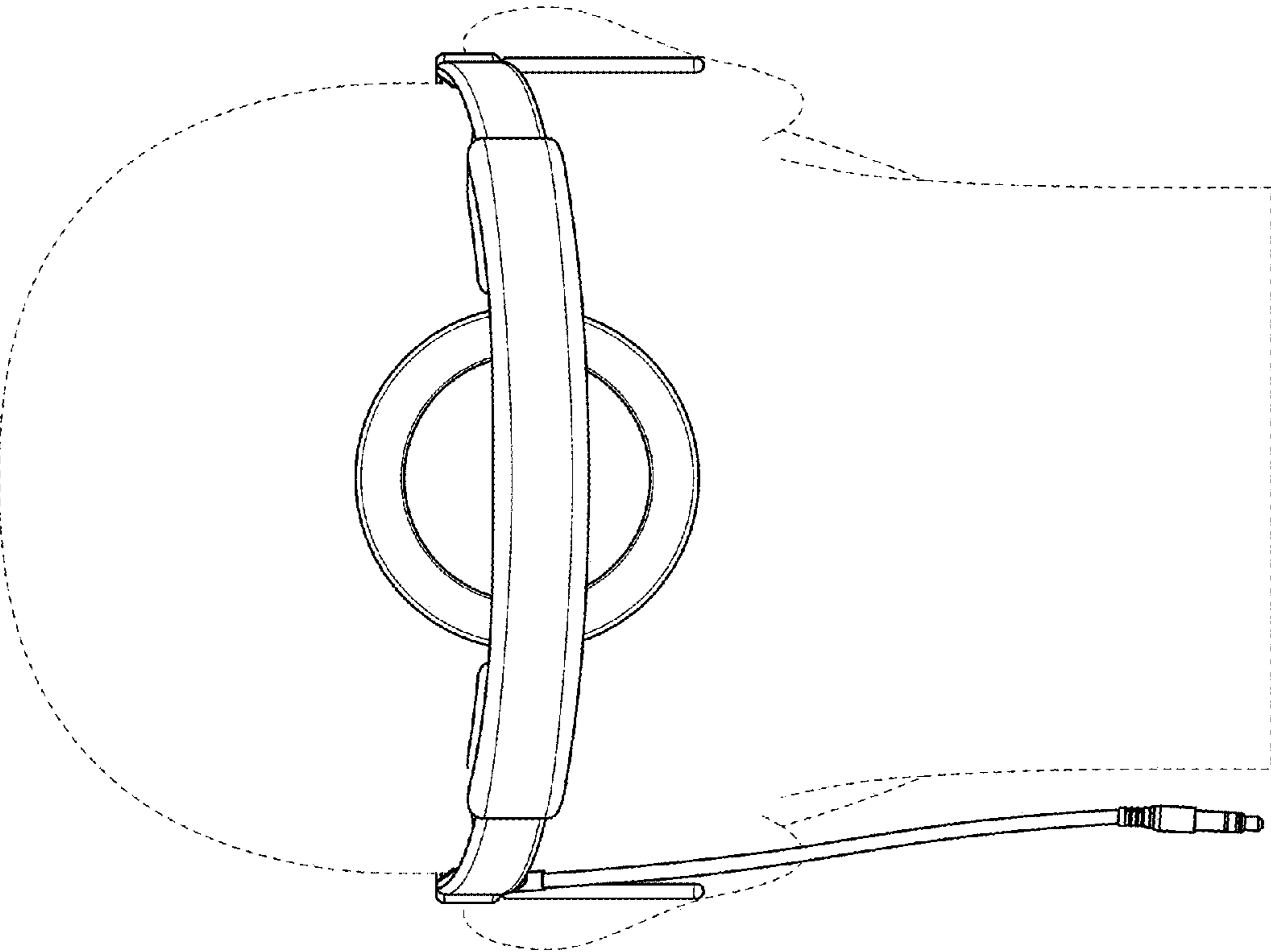


FIG. 8

FIG. 9



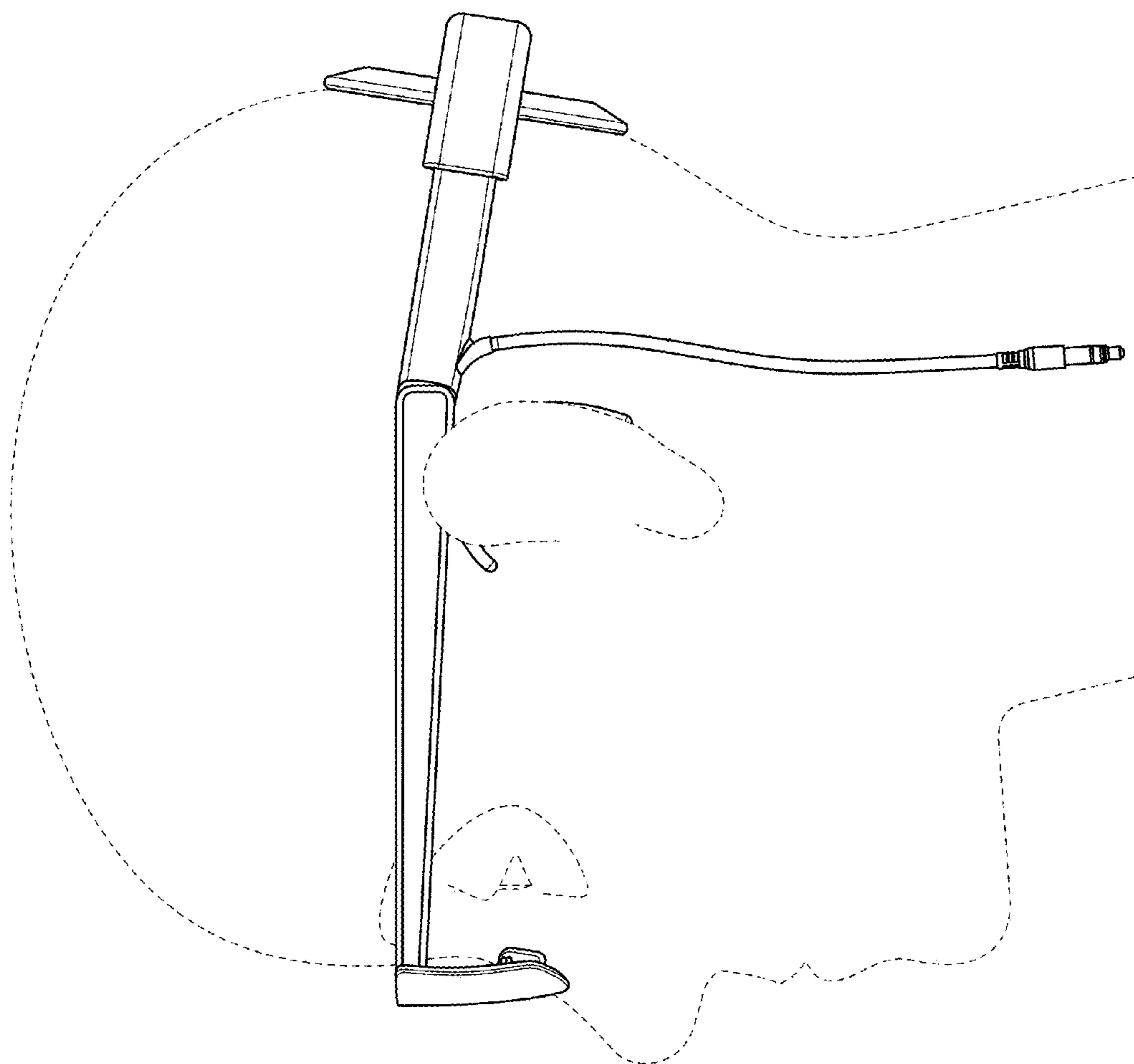


FIG. 10

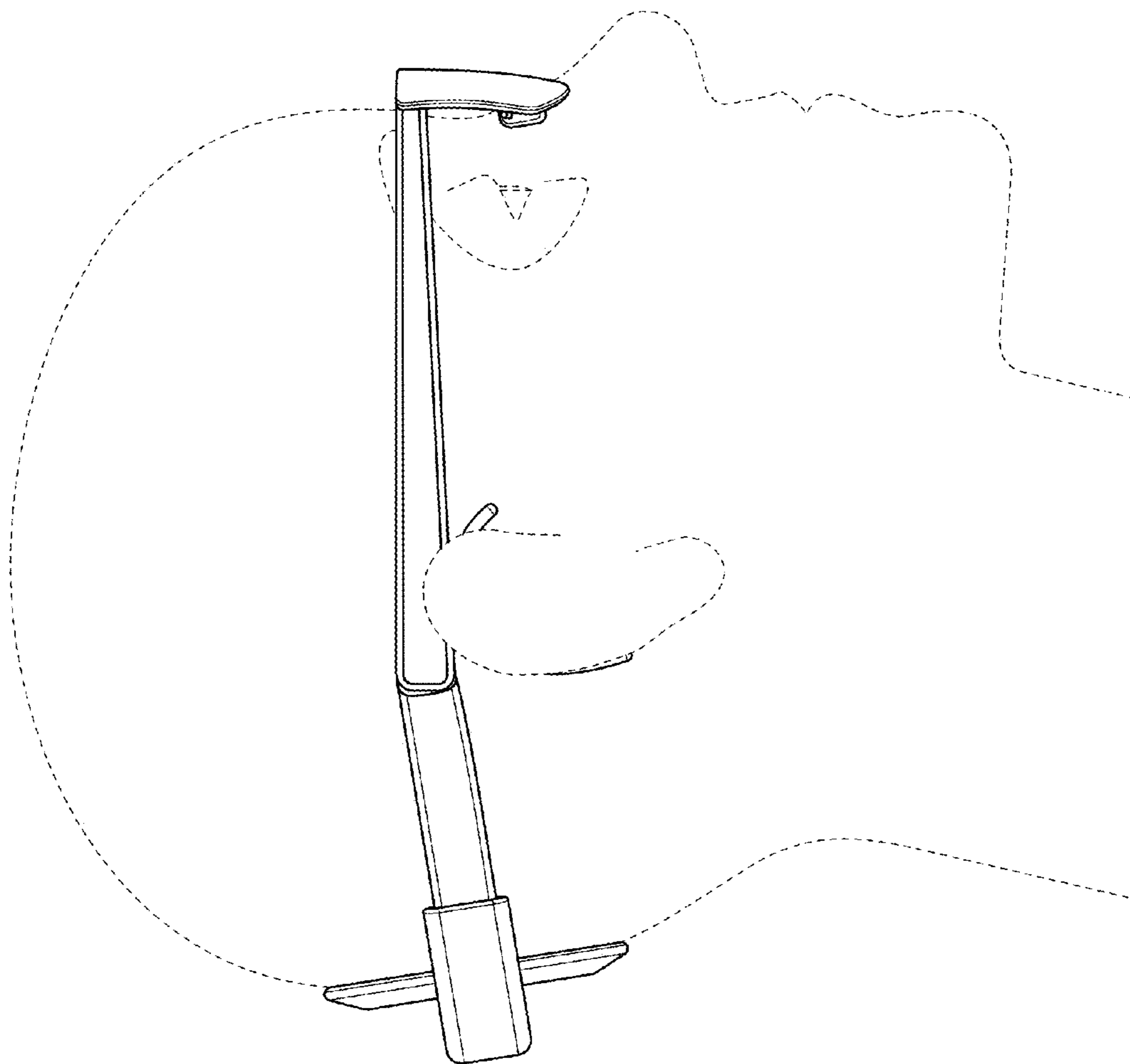


FIG. 11

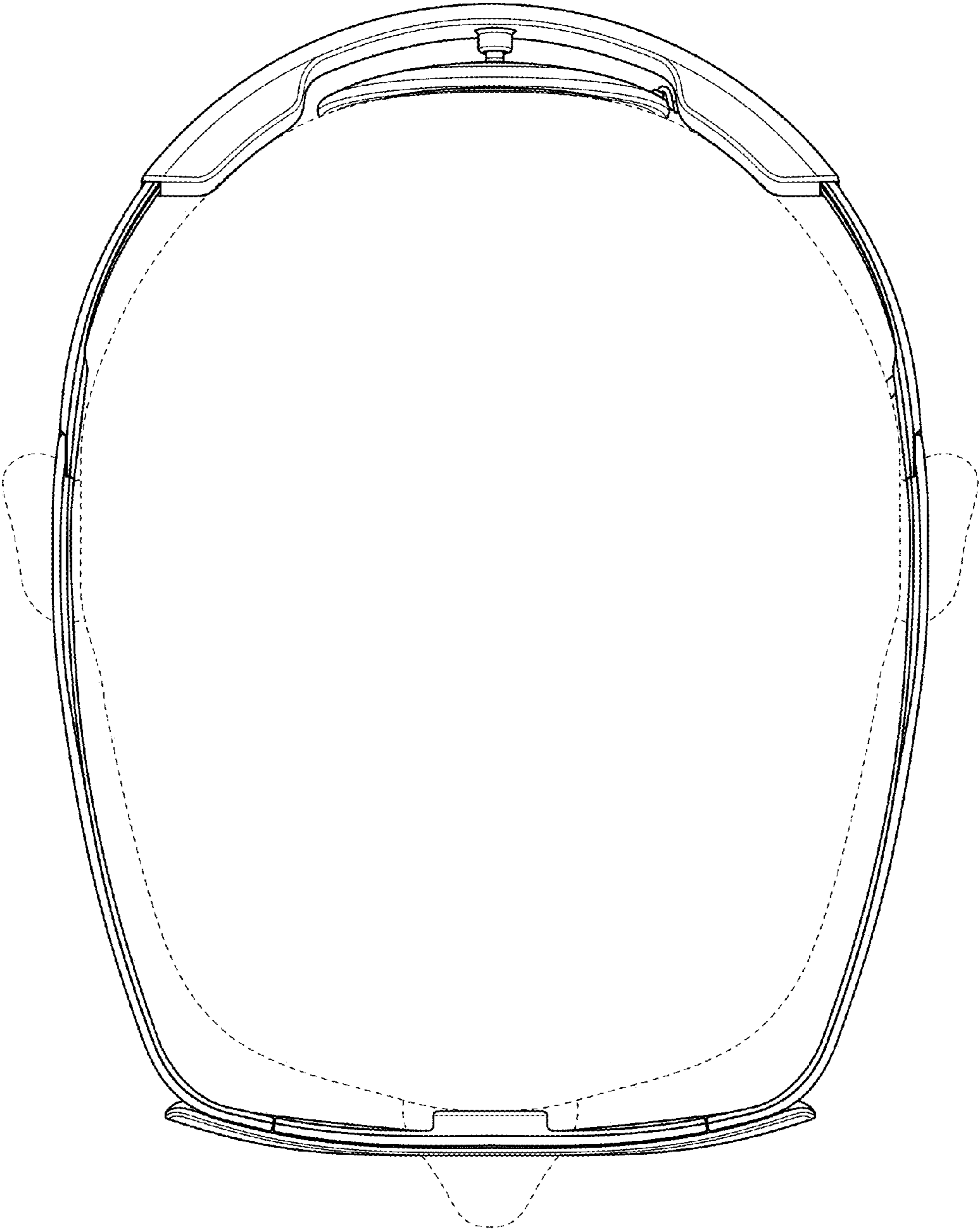


FIG. 12

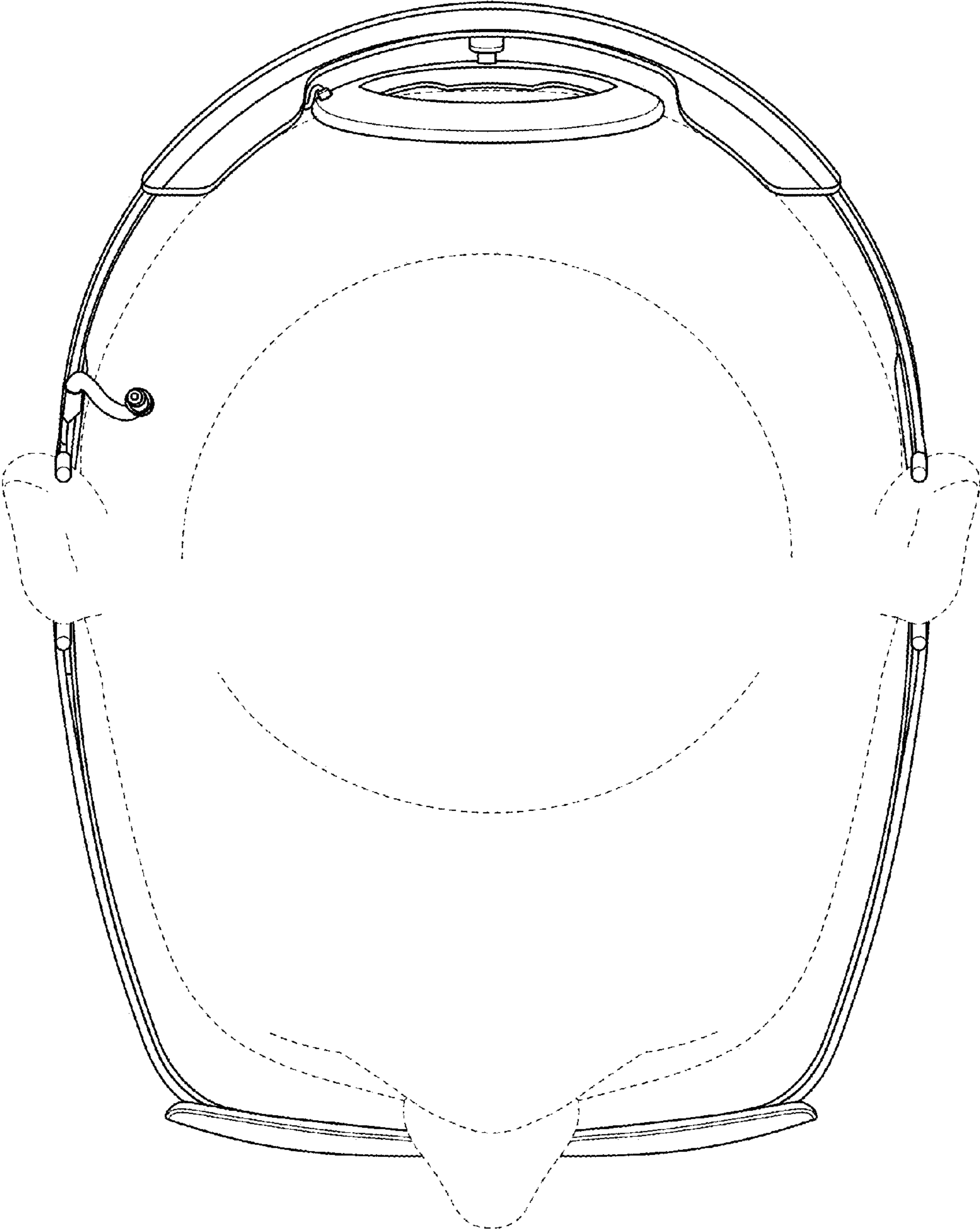


FIG. 13

