



US00D712881S

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

(10) **Patent No.:** **US D712,881 S**

(45) **Date of Patent:** **** Sep. 9, 2014**

(54) **EARPIECE**

(71) Applicant: **QUALCOMM Incorporated**, San Diego, CA (US)

(72) Inventors: **Gad Shaanan**, San Diego, CA (US); **Inhoe Kim**, San Diego, CA (US); **Paul E. Jacobs**, La Jolla, CA (US); **Marc D. Goldman**, San Diego, CA (US); **Aleksandr Manulis**, San Diego, CA (US)

(73) Assignee: **QUALCOMM Incorporated**, San Diego, CA (US)

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

(21) Appl. No.: **29/455,899**

(22) Filed: **May 24, 2013**

(51) **LOC (10) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/223**

(58) **Field of Classification Search**
CPC H04R 25/02
USPC D14/205, 223; D24/174; 181/129, 130, 181/135; 379/430, 431; 381/380, 381, 330, 381/370; 455/90.3, 575.1
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,754,365 A * 7/1956 Walters 381/322
3,123,678 A * 3/1964 Prentiss et al. 381/330

3,209,080 A * 9/1965 Guttner et al. 381/330
D218,173 S * 7/1970 Hutchings D14/206
D226,273 S * 2/1973 Tyson et al. D14/206

(Continued)

Primary Examiner — Paula Greene

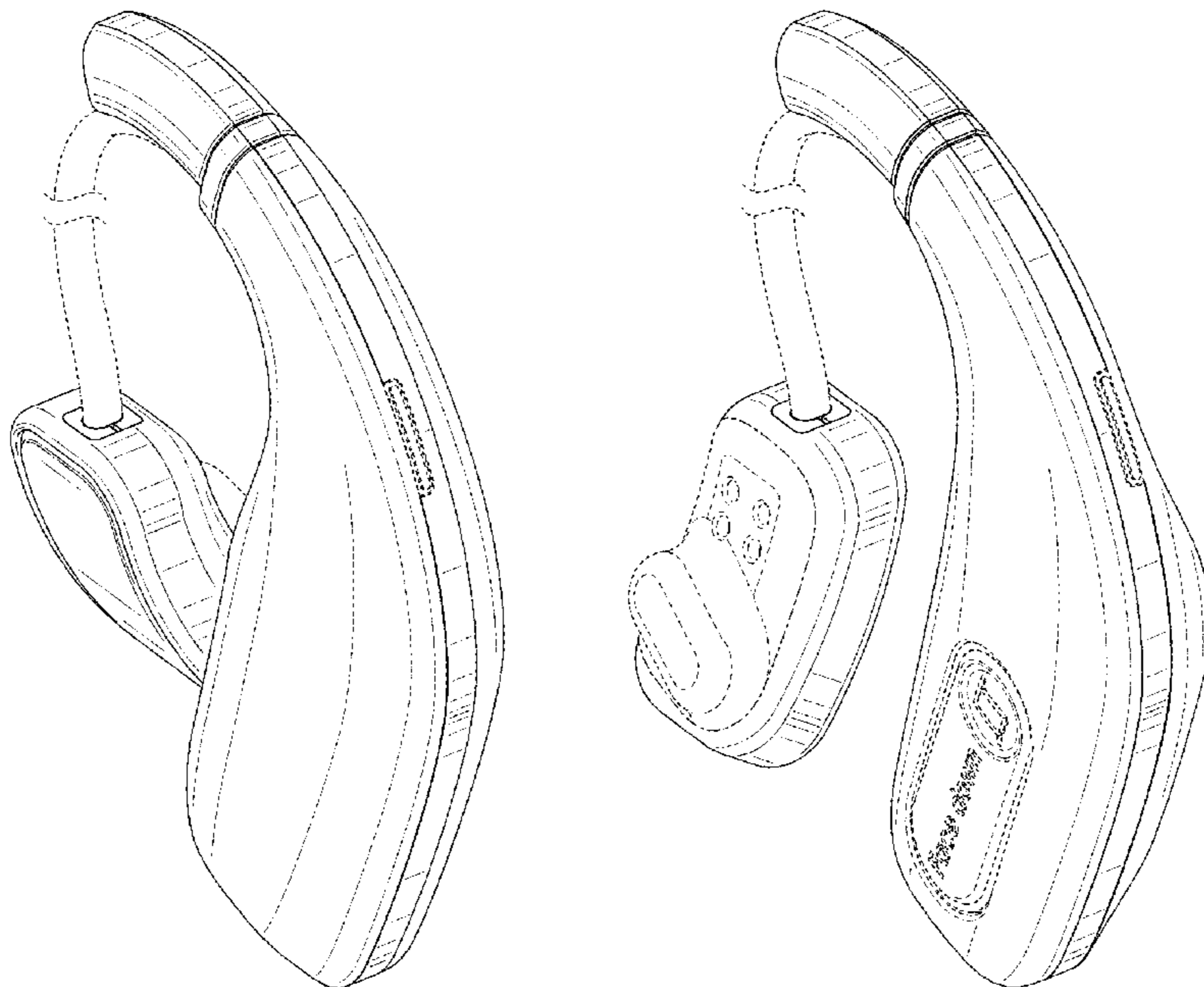
(57) **CLAIM**

The ornamental design for an earpiece, as shown and described.

DESCRIPTION

FIG. 1 is a front right side perspective view of an embodiment of a left earpiece showing our new design; FIG. 2 is a front view of the left earpiece of FIG. 1; FIG. 3 is a rear view of the left earpiece of FIG. 1; FIG. 4 is a left side view of the left earpiece of FIG. 1; FIG. 5 is a right side view of the left earpiece of FIG. 1; FIG. 6 is top view of the left earpiece of FIG. 1; FIG. 7 is bottom view of the left earpiece of FIG. 1; FIG. 8 is a rear view of the left earpiece of FIG. 1; FIG. 9 is a left rear side perspective view of an embodiment of a right earpiece showing our new design; FIG. 10 is a front view of the right earpiece of FIG. 9; FIG. 11 is a rear view of the right earpiece of FIG. 9; FIG. 12 is a right side view of the right earpiece of FIG. 9; FIG. 13 is a left side view of the right earpiece of FIG. 9; FIG. 14 is top view of the right earpiece of FIG. 9; FIG. 15 is bottom view of the right earpiece of FIG. 9; and, FIG. 16 is a rear view of the right earpiece of FIG. 9. FIGS. 1-16 illustrate design features of the earpiece we have invented, and both the solid lines and the broken lines are intended to serve as a description of the invention. The broken lines merely represent portions of the earpiece that form no part of each claim.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,073,366	A *	2/1978	Estes	181/158	D504,673	S *	5/2005	Dyer et al.	D14/205
D251,234	S *	3/1979	Hakansson et al.	D10/46	D510,223	S *	10/2005	Jablow et al.	D6/574
4,917,504	A *	4/1990	Scott et al.	381/381	D512,053	S *	11/2005	Smith et al.	D14/248
D322,319	S *	12/1991	van Mourik	D24/174	7,372,973	B2 *	5/2008	Meier	381/330
5,414,769	A *	5/1995	Gathey et al.	379/430	D577,003	S *	9/2008	Yang et al.	D14/206
5,606,621	A *	2/1997	Reiter et al.	381/328	D588,110	S *	3/2009	Darbut	D14/223
D385,036	S *	10/1997	Nielsen	D24/174	D590,372	S *	4/2009	Melin	D14/206
D395,653	S *	6/1998	Read et al.	D14/142	7,664,540	B2 *	2/2010	Tsai	455/575.2
D411,540	S *	6/1999	Mavrakis et al.	D14/223	D611,933	S *	3/2010	Burnham	D14/223
5,975,235	A *	11/1999	Schlaegel et al.	181/129	D626,112	S *	10/2010	Kao et al.	D14/205
6,438,248	B1 *	8/2002	Kamimura et al.	381/374	D640,241	S *	6/2011	Wai	D14/223
D468,299	S *	1/2003	Boesen	D14/223	8,023,677	B2 *	9/2011	Harrison et al.	381/330
					2004/0264720	A1 *	12/2004	Huang et al.	381/315
					2013/0216080	A1 *	8/2013	Ilic et al.	381/328

* cited by examiner

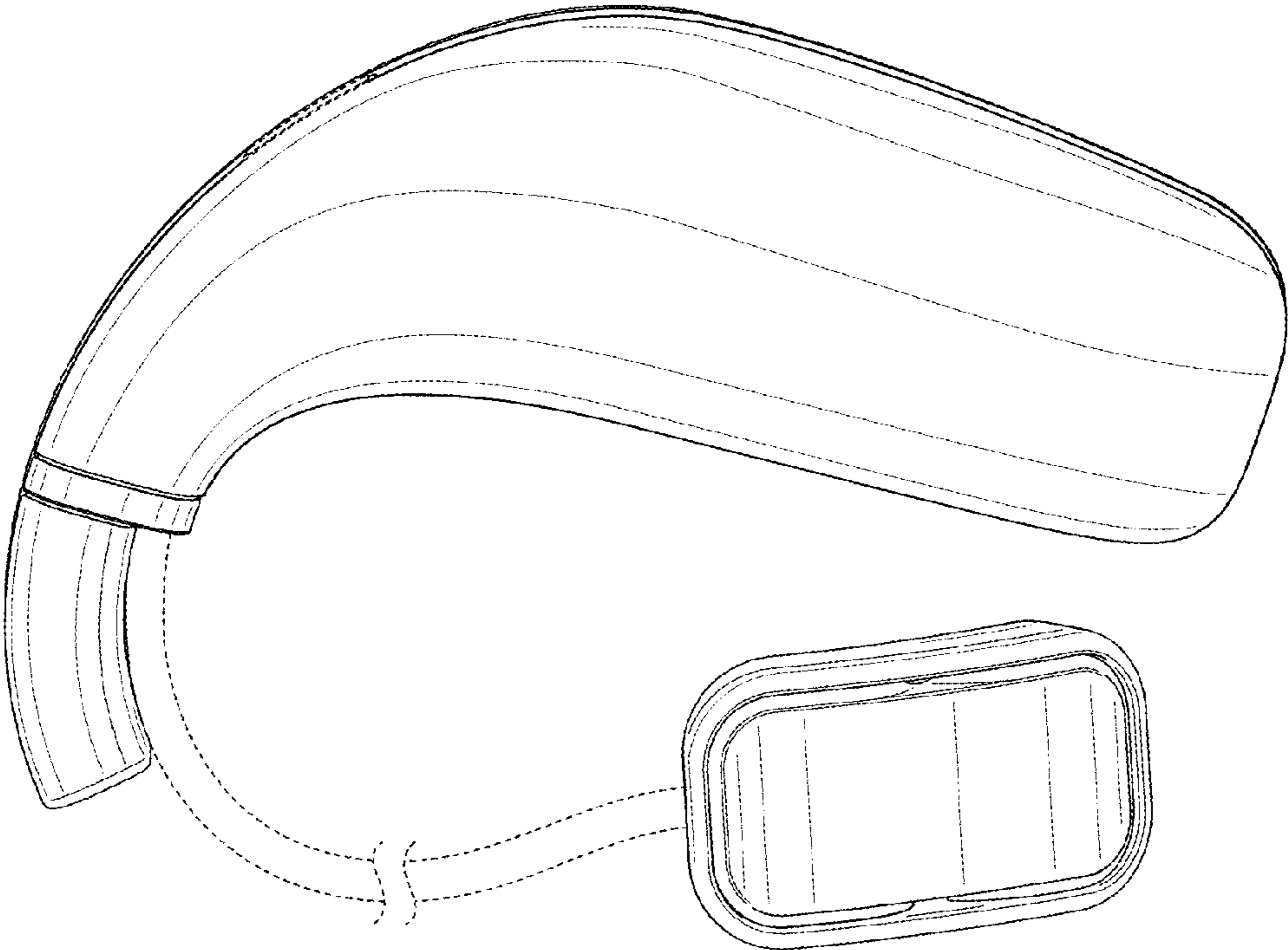


FIG. 2

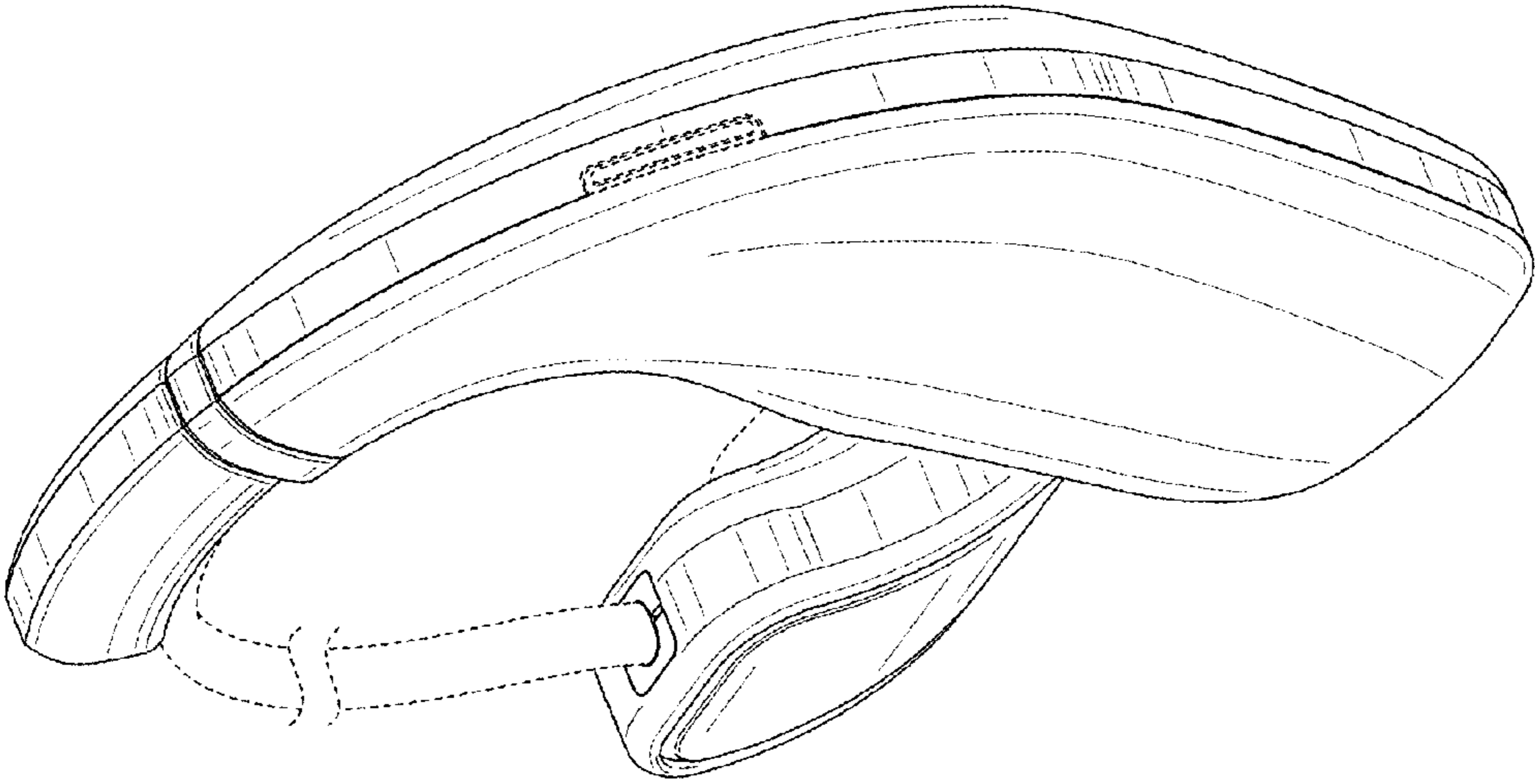


FIG. 1

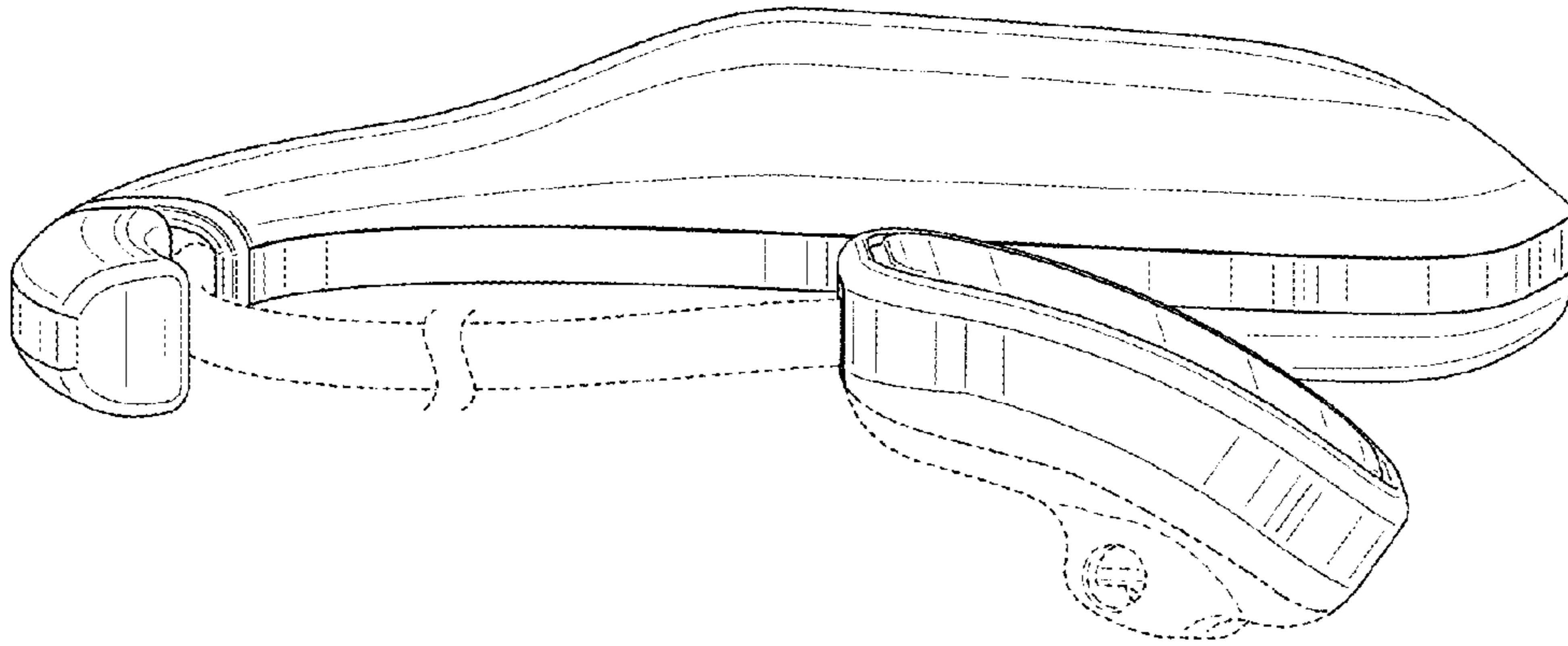


FIG. 4

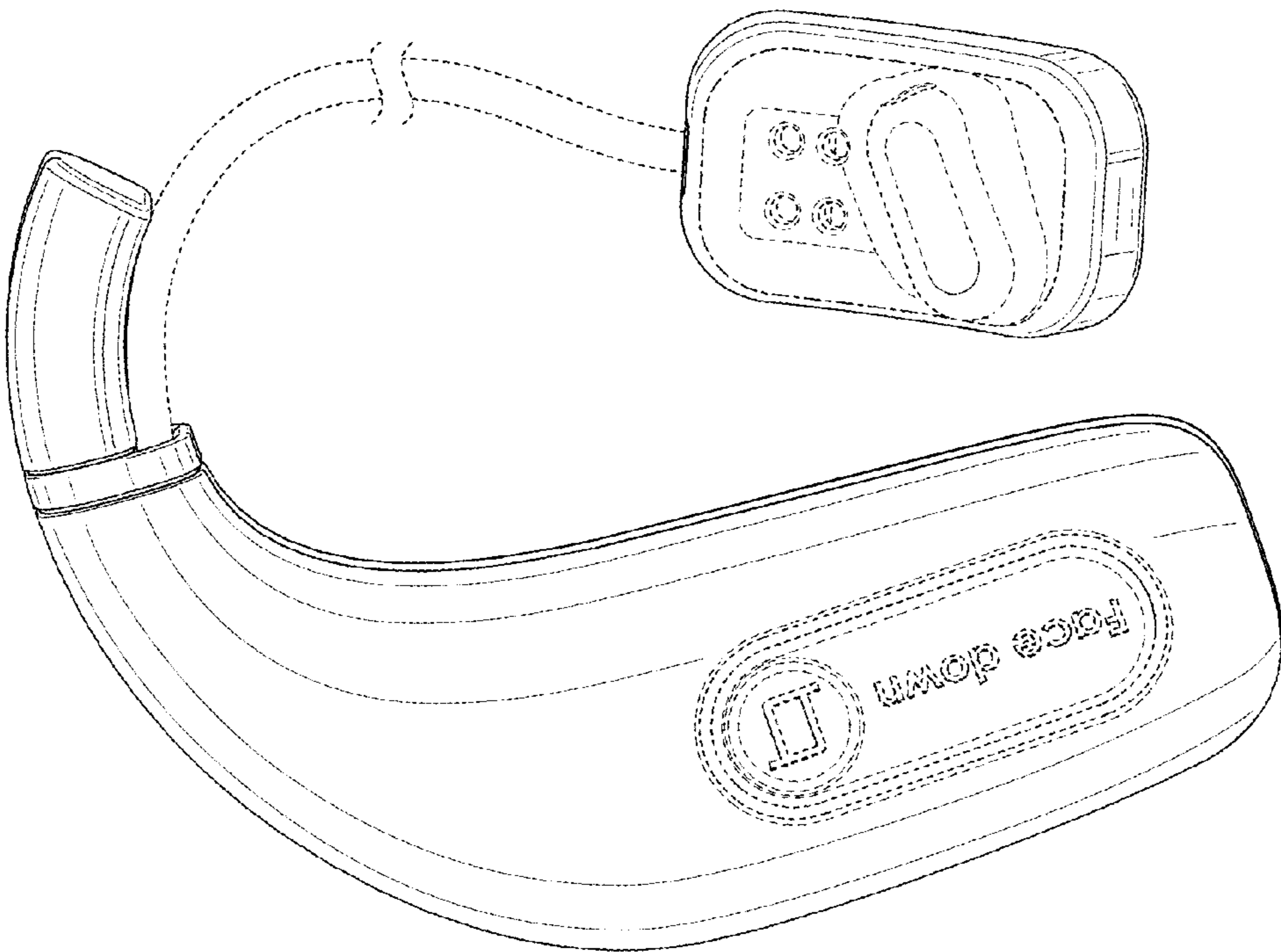


FIG. 3

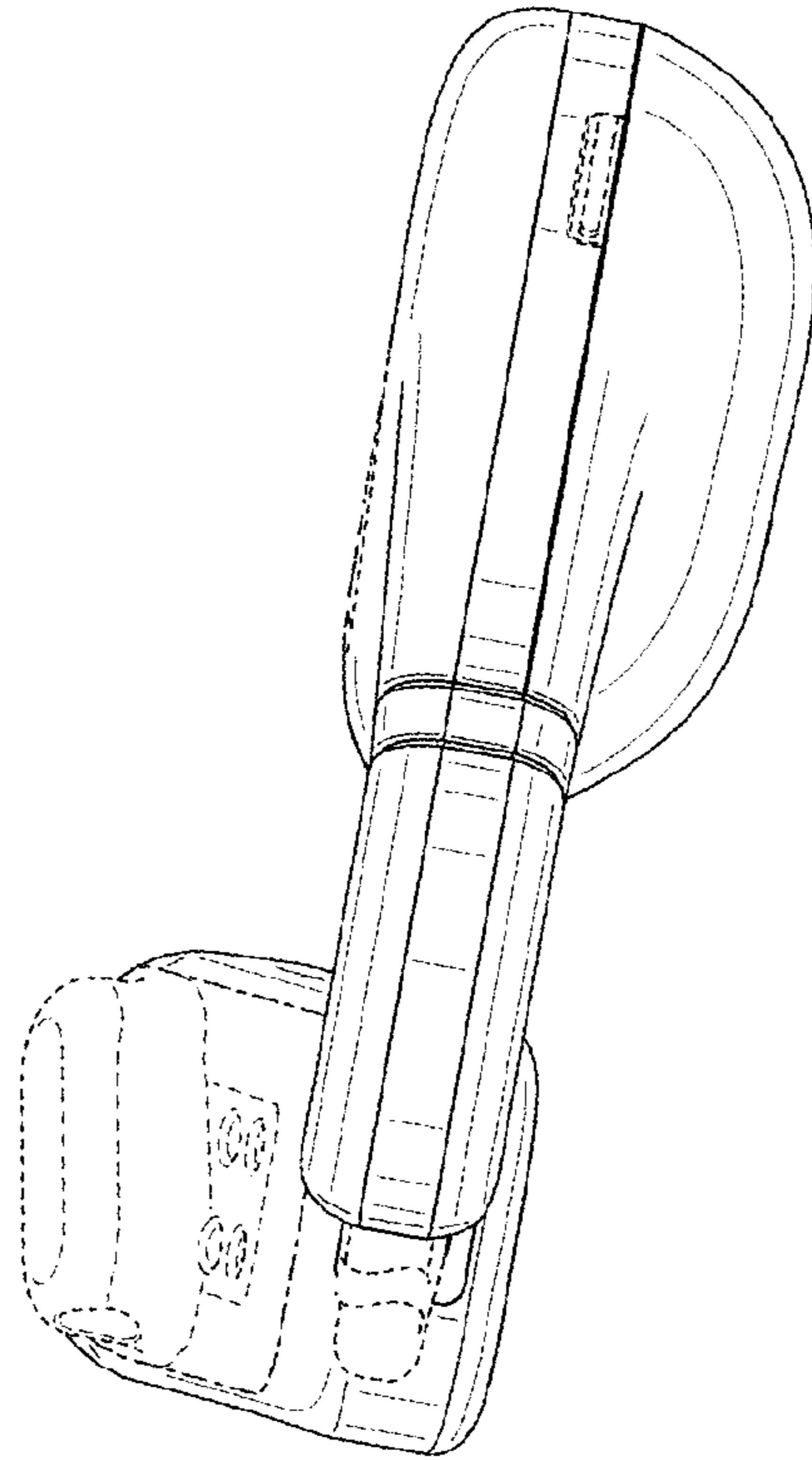


FIG. 6

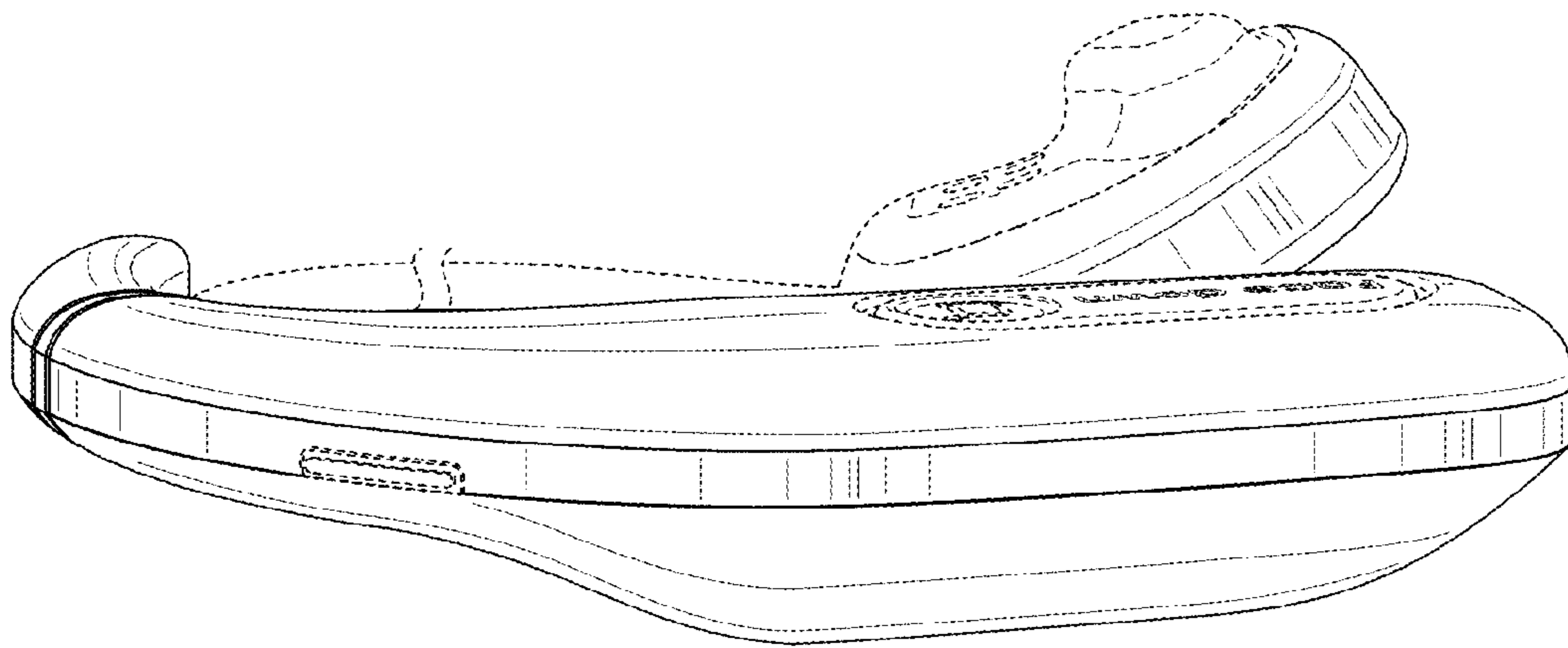


FIG. 5

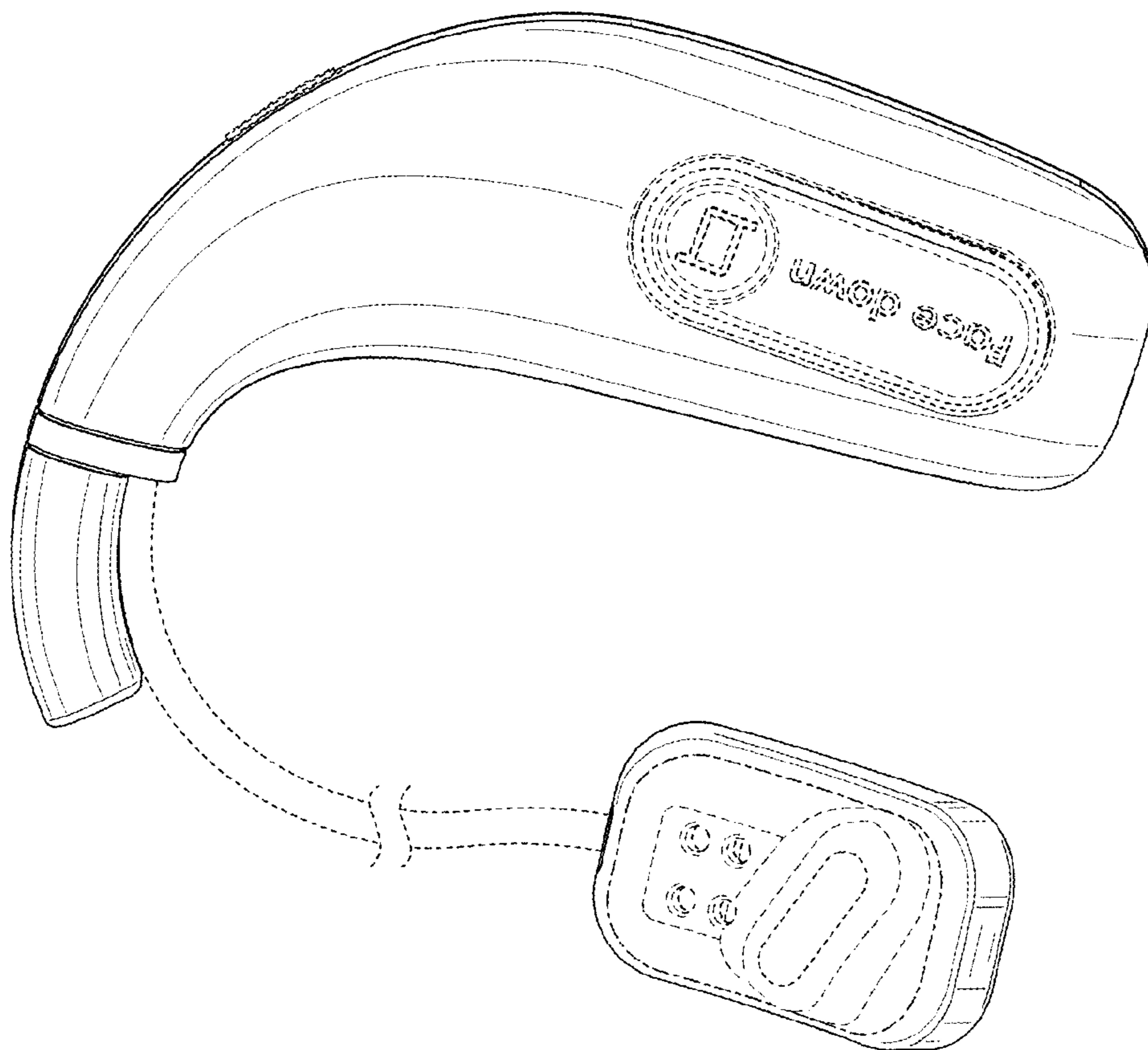


FIG. 8

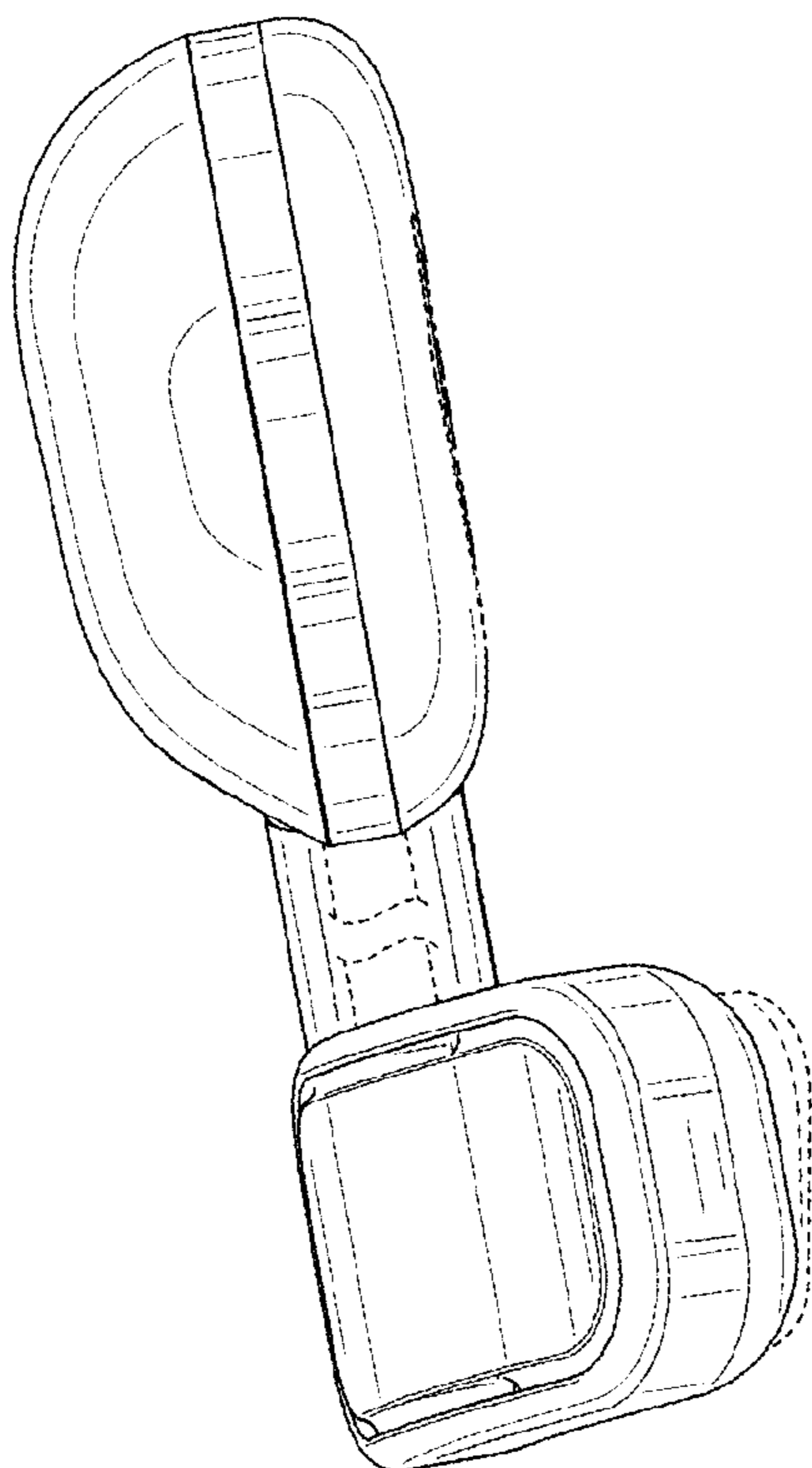


FIG. 7

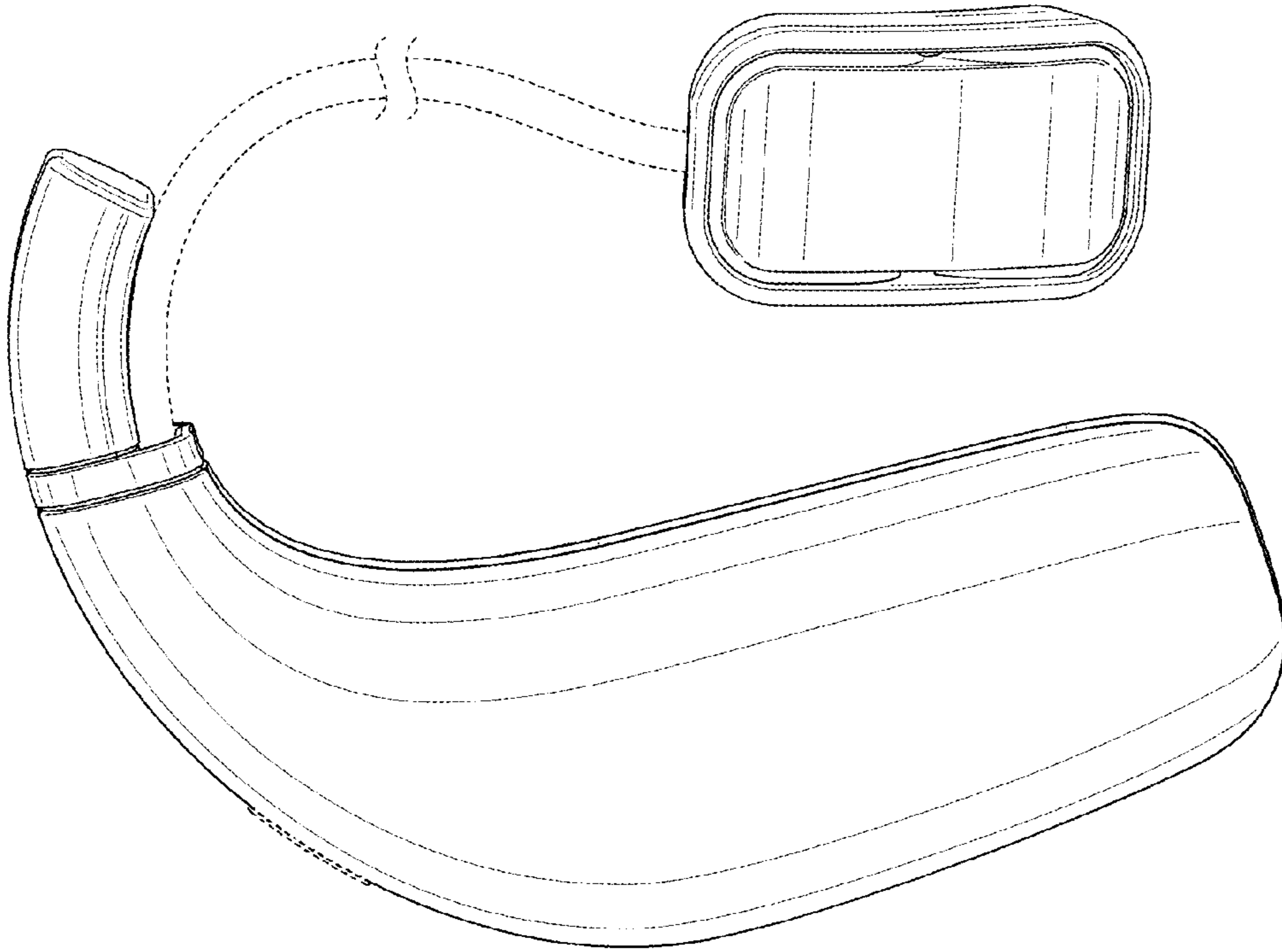


FIG. 10

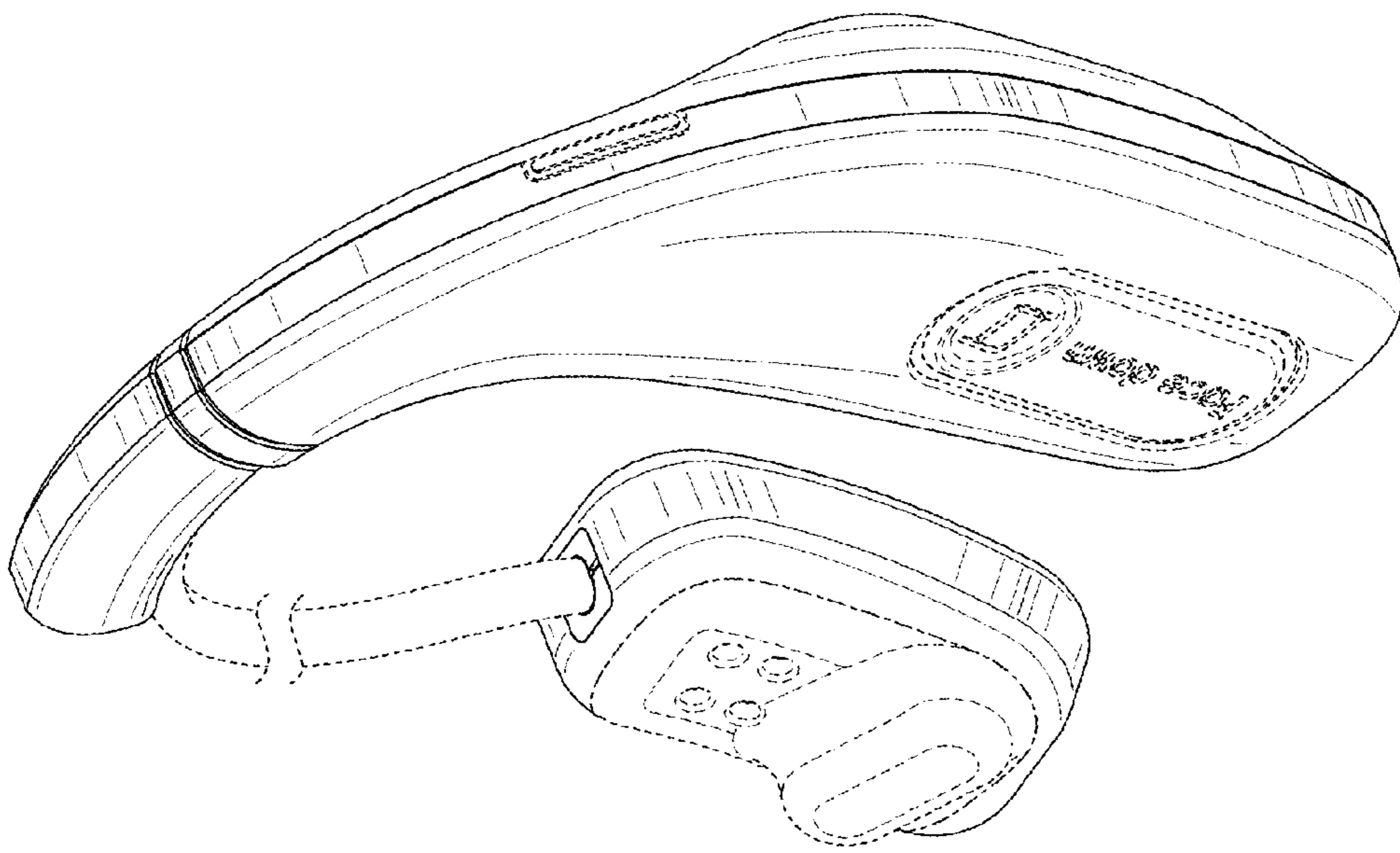


FIG. 9

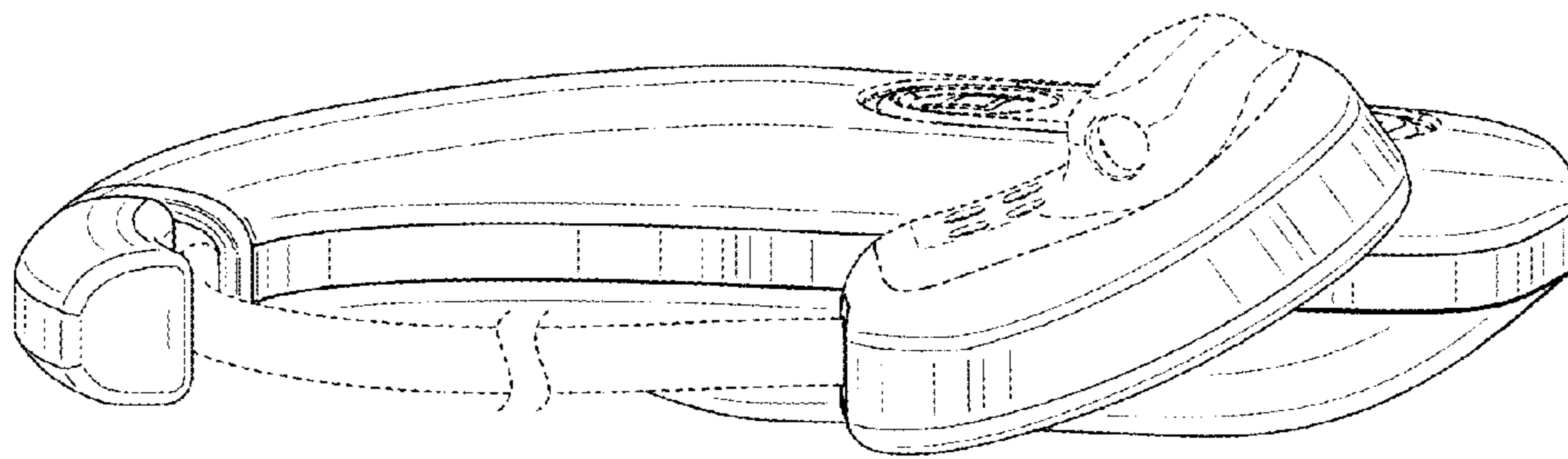


FIG. 12

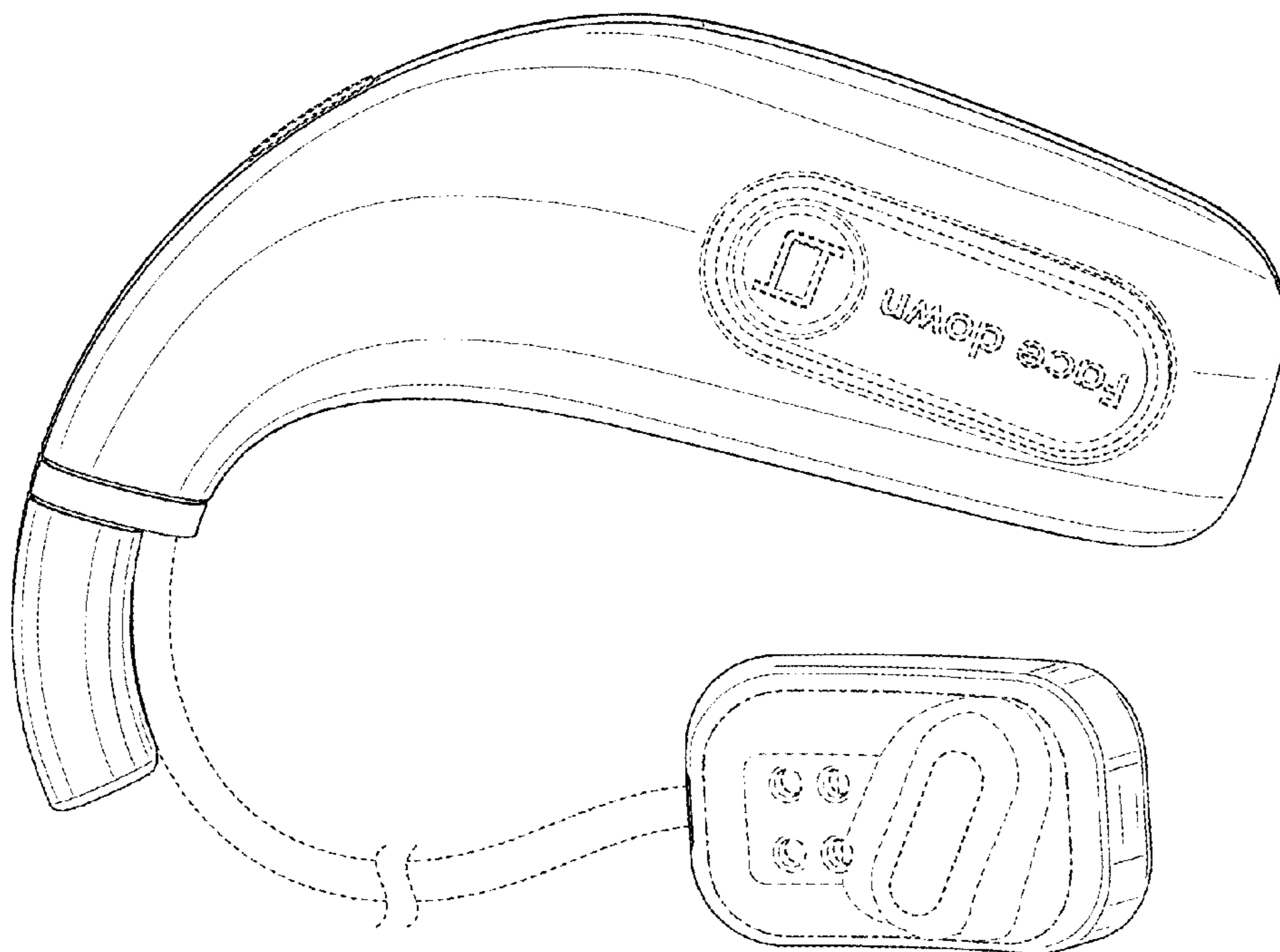


FIG. 11

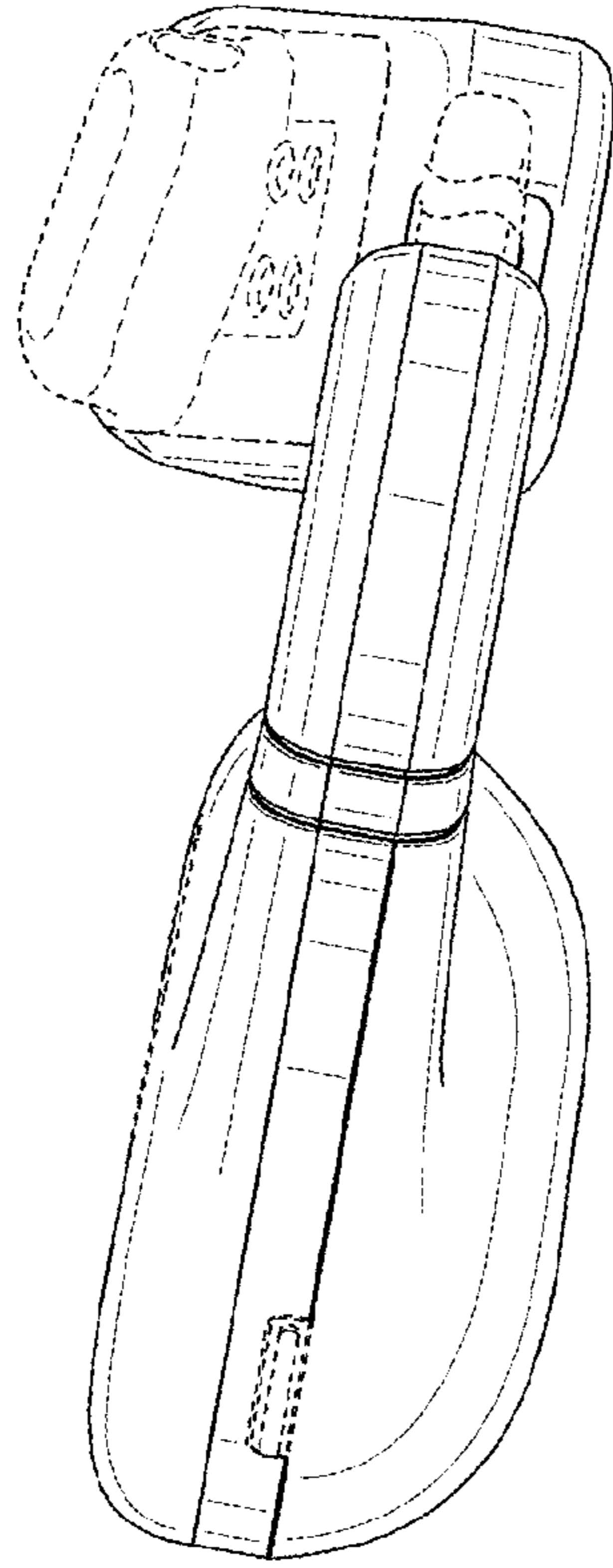


FIG. 14

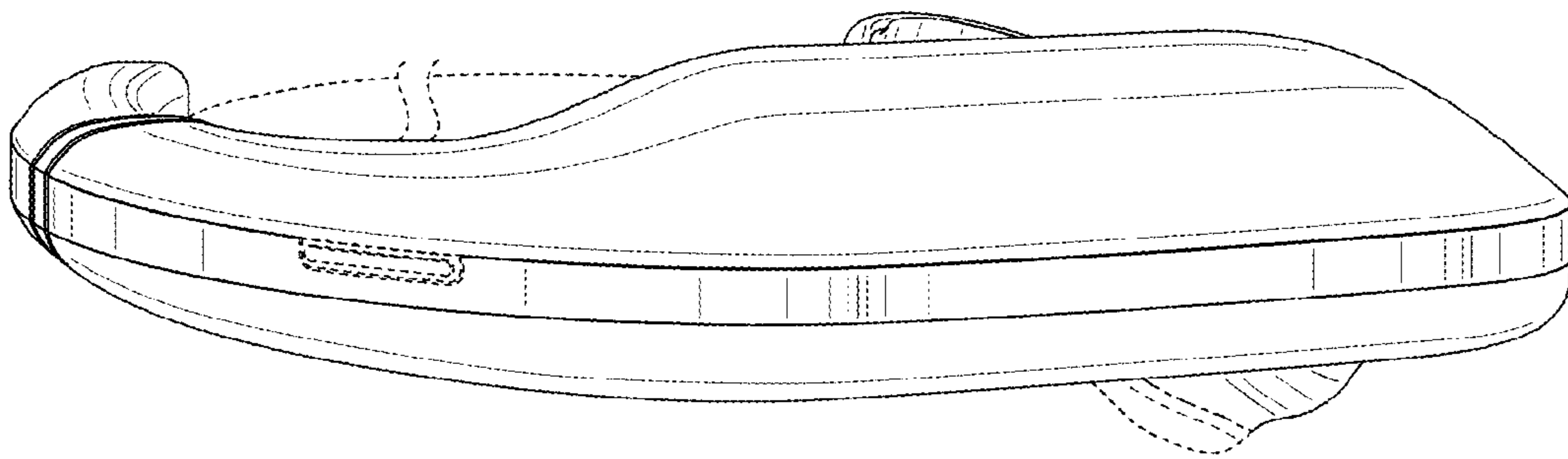


FIG. 13

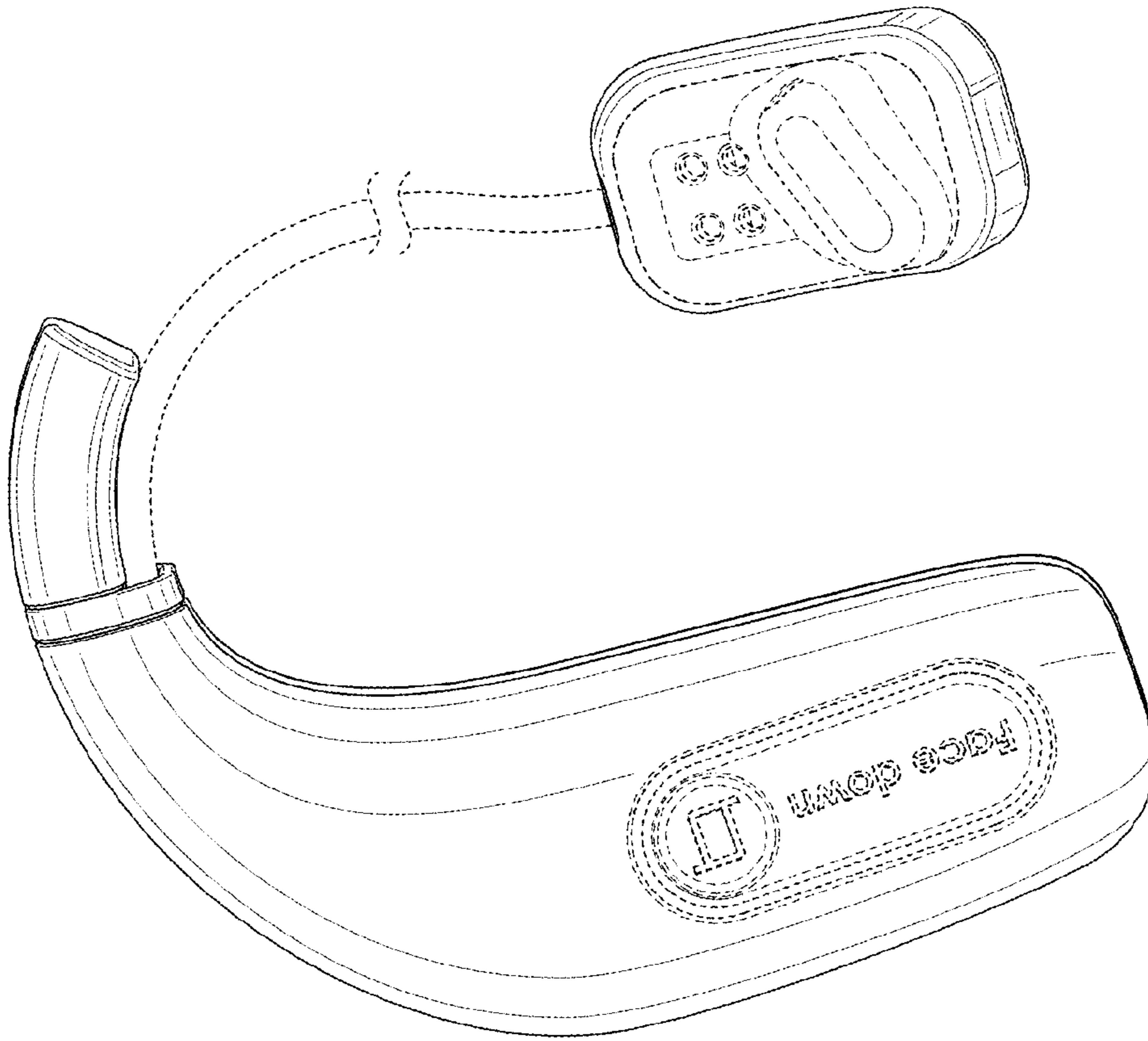


FIG. 16

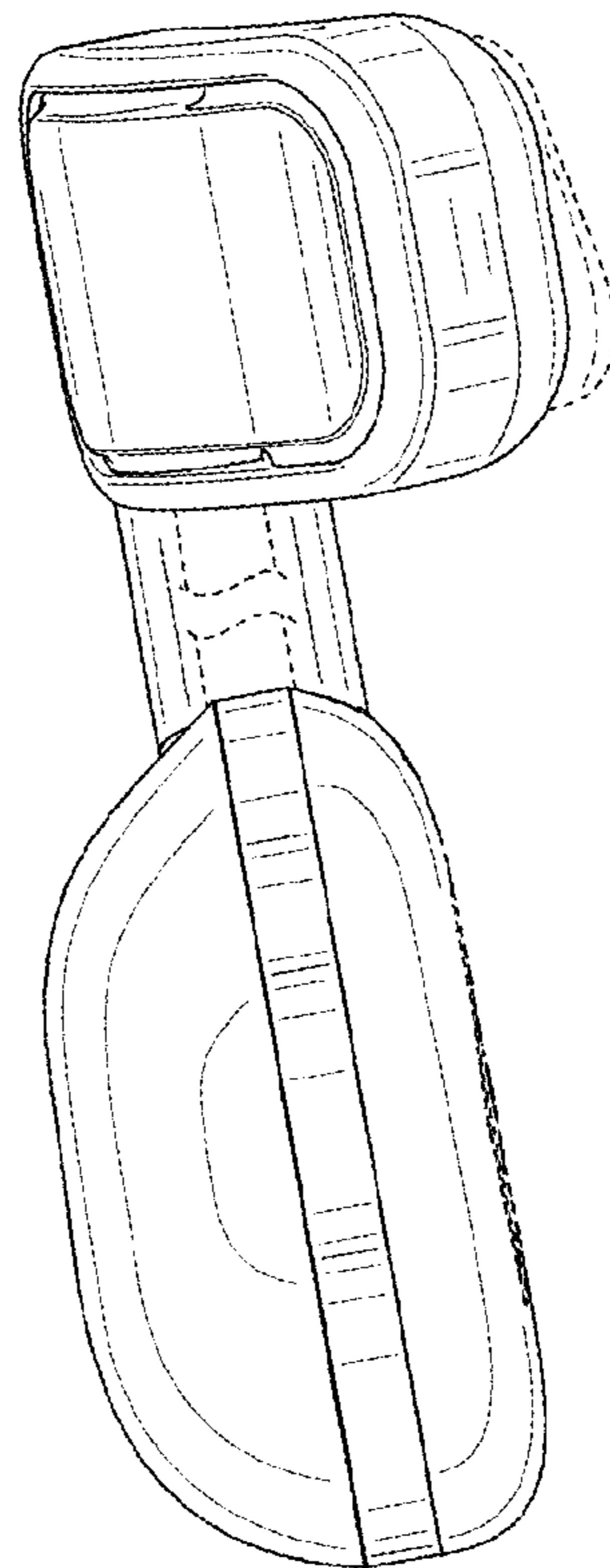


FIG. 15