

US00D734900S

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

(10) **Patent No.:** **US D734,900 S**
(45) **Date of Patent:** **** Jul. 21, 2015**

(54) **ELECTRONIC DOG COLLAR**
(71) Applicant: **i4c Innovations Inc.**, Chantilly, VA (US)
(72) Inventors: **Graham Pulliam**, Washington, DC (US); **Jonathan Abarbanel**, Los Angeles, CA (US); **Jeffrey Bentzler**, Playa Del Rey, CA (US); **John Couse**, Toronto (CA); **Emily Hartman**, Purcellville, VA (US); **Stuart Karten**, Venice, CA (US); **Amanda Landis-Hanna**, Fairfax, VA (US); **Frederick Joel Mason**, Haymarket, VA (US); **Jeffrey Noce**, Alexandria, VA (US); **Joe Paul Tupin, Jr.**, Round Hill, VA (US); **Wendy L. Weinberger**, Ashburn, VA (US)

(73) Assignee: **i4c Innovations Inc.**, Chantilly, VA (US)
(**) Term: **14 Years**
(21) Appl. No.: **29/478,140**
(22) Filed: **Dec. 31, 2013**
(51) **LOC (10) Cl.** **30-04**
(52) **U.S. Cl.**
USPC **D30/152; D30/199**
(58) **Field of Classification Search**
USPC D30/144, 145, 151, 152, 153, 155, 199; D10/104.1, 104.2
CPC ... A01K 15/00; A01K 15/021; A01K 15/022; A01K 15/023; A01K 15/04; A01K 11/006; A01K 27/00; A01K 27/001; A01K 27/009
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
2,189,096 A 2/1940 Alonge
2,472,351 A 6/1949 Tyler

3,983,483	A *	9/1976	Pando	455/90.2
4,612,719	A	9/1986	de Jong	
4,748,938	A *	6/1988	Owen	119/650
D306,504	S *	3/1990	Young	D30/152
5,046,453	A *	9/1991	Vinci	119/718
5,617,814	A *	4/1997	Bianco et al.	119/720
5,899,370	A	5/1999	Bould	

(Continued)

FOREIGN PATENT DOCUMENTS

EM	000897442-0004	4/2008
EM	001100275-0001	3/2009

(Continued)

OTHER PUBLICATIONS

Dec. 2, 2014 (JP) Notification of Reason for Refusal—App. No. 2014-014368—English translation.

(Continued)

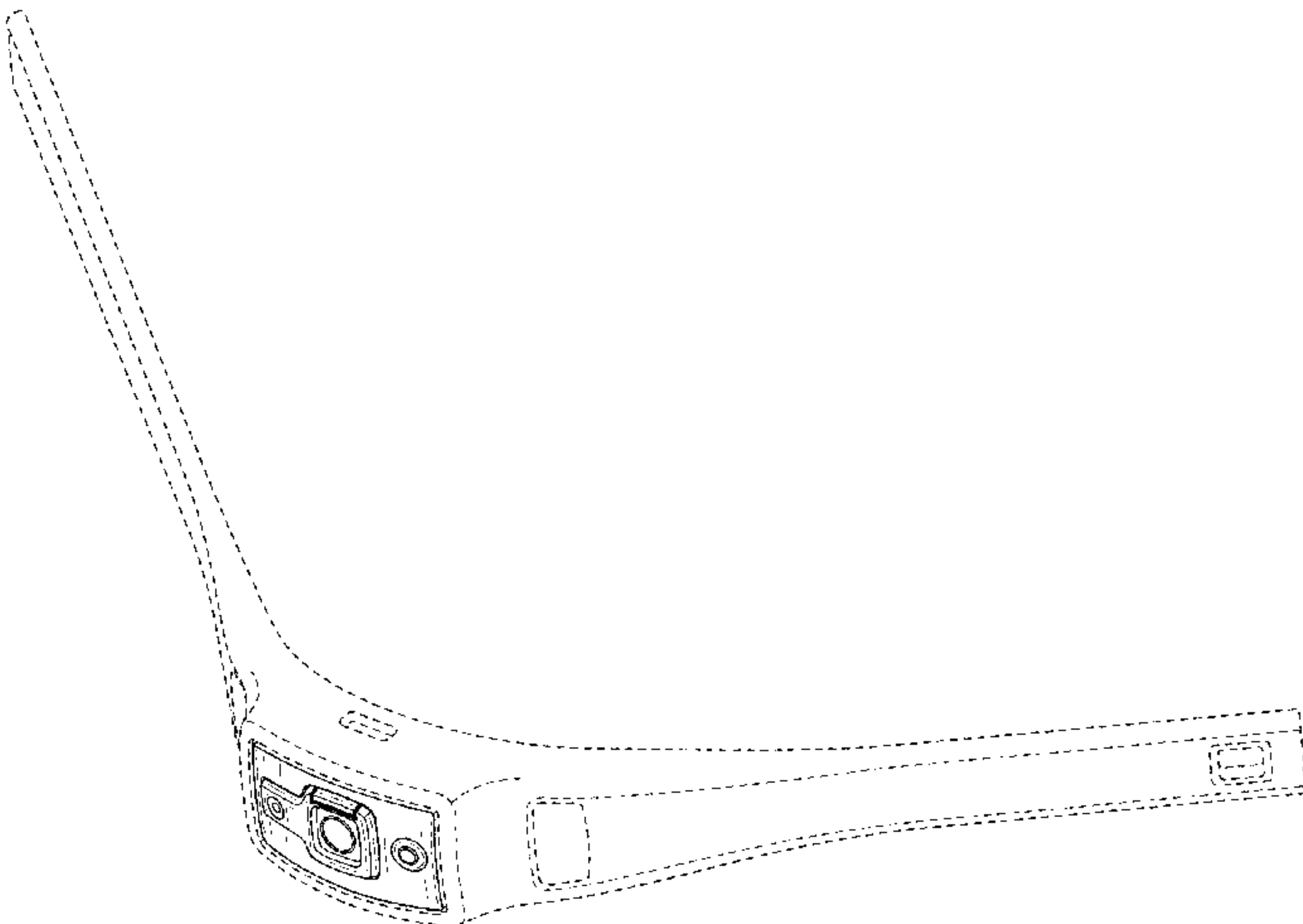
Primary Examiner — Martie K Holtje
(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

(57) **CLAIM**
The ornamental design for an electronic dog collar, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an electronic dog collar showing the new design;
FIG. 2 is a front view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a top view thereof; and,
FIG. 6 is a bottom view thereof.
The broken line showing of the remainder of the electronic dog collar is for environmental purposes only and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,952,925 A * 9/1999 Secker 340/573.2
6,079,367 A * 6/2000 Stapelfeld et al. 119/720
D439,708 S * 3/2001 Jenkins D30/152
6,830,014 B1 * 12/2004 Lalor 119/859
D523,369 S * 6/2006 Jacober et al. D11/3
D523,998 S * 6/2006 Nottingham et al. D30/152
D545,220 S 6/2007 Leung
7,382,328 B2 6/2008 Lee, IV et al.
7,574,979 B2 * 8/2009 Nottingham et al. 119/863
7,644,685 B2 1/2010 Groh et al.
7,771,112 B2 8/2010 Morgan
7,996,983 B2 8/2011 Lee, IV et al.
8,011,327 B2 * 9/2011 Mainini et al. 119/720
D660,185 S 5/2012 Schrepfer
D661,846 S * 6/2012 Miller et al. D30/152
D665,952 S * 8/2012 Guo D30/152
D666,367 S * 8/2012 Miller et al. D30/152
D673,334 S * 12/2012 Guo D30/152
8,345,414 B2 1/2013 Mooring et al.
2003/0122678 A1 * 7/2003 Duncan et al. 340/573.3
2005/0211187 A1 * 9/2005 Harman et al. 119/721
2006/0169222 A1 * 8/2006 Gerig 119/859
2007/0204810 A1 * 9/2007 Nottingham et al. 119/859
2007/0209604 A1 * 9/2007 Groh et al. 119/858
2007/0222624 A1 * 9/2007 Eicken et al. 340/573.3
2007/0227465 A1 * 10/2007 Gerig et al. 119/859
2009/0289844 A1 * 11/2009 Palsgrove et al. 342/357.07

2010/0050955 A1 * 3/2010 Pacheco et al. 119/719
2011/0232585 A1 * 9/2011 Rich et al. 119/721
2013/0002720 A1 1/2013 Chang
2013/0233252 A1 * 9/2013 Bellon et al. 119/720

FOREIGN PATENT DOCUMENTS

EM 002019786-0001 4/2012
EM 002106427-0001 10/2012
EM 002115923-0001 10/2012
EM 002283119-0001 8/2013
EM 002283119-0002 8/2013
EM 002283119-0003 8/2013
EM 002283119-0004 8/2013
EM 002283119-0005 8/2013
JP 2005287708 A 10/2005
JP 2006280966 A 10/2006
JP 2011062112 A 3/2011
WO 2011121753 A1 10/2011

OTHER PUBLICATIONS

Dec. 2, 2014 (JP) Notification of Reason for Refusal—App. No. 2014-014369—English translation.
Dec. 2, 2014 (JP) Notification of Reason for Refusal—App. No. 2014-014370—English translation.
Dec. 2, 2014 (JP) Notification of Reason for Refusal—App. No. 2014-014371—English translation.

* cited by examiner

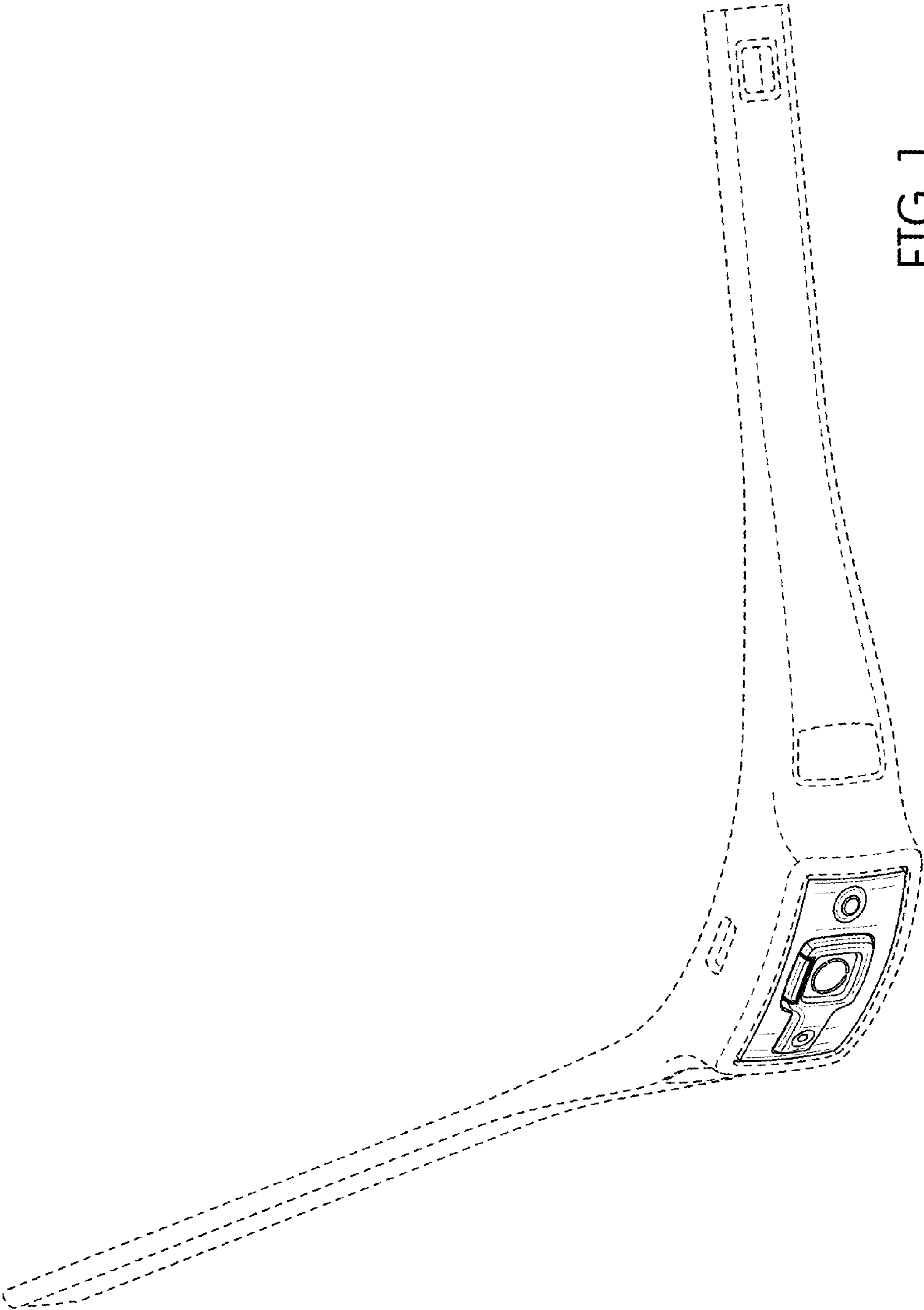


FIG. 1

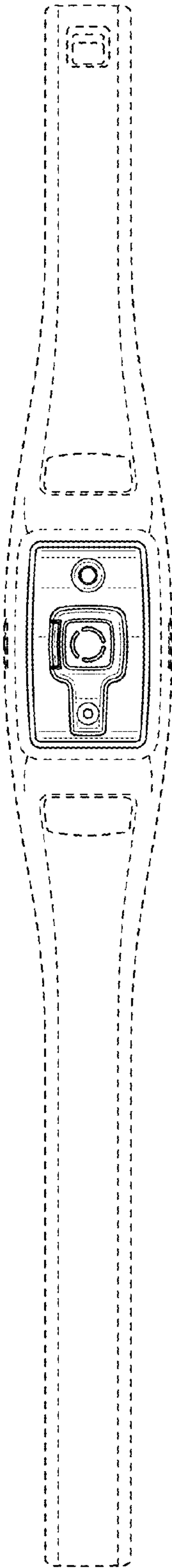


FIG. 2

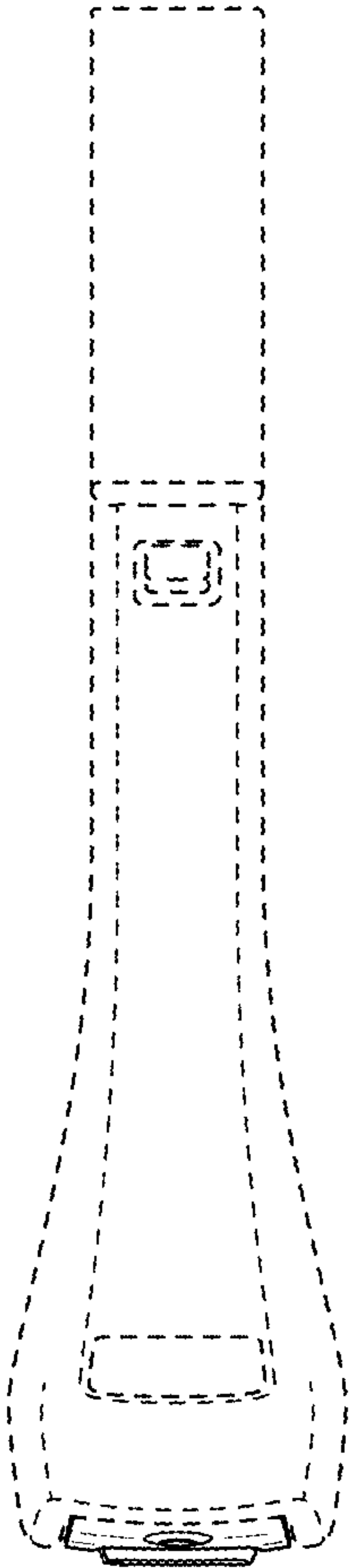


FIG. 3

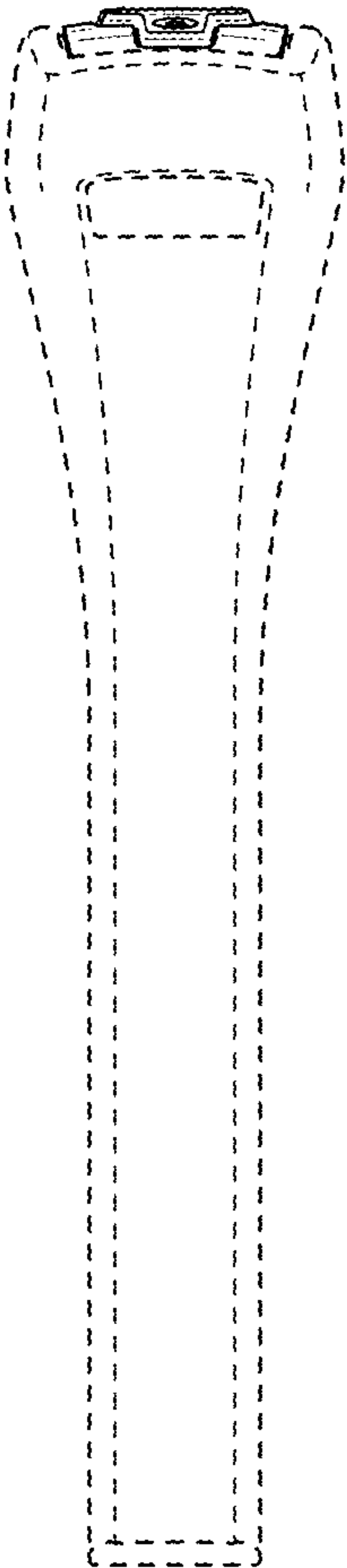


FIG. 4

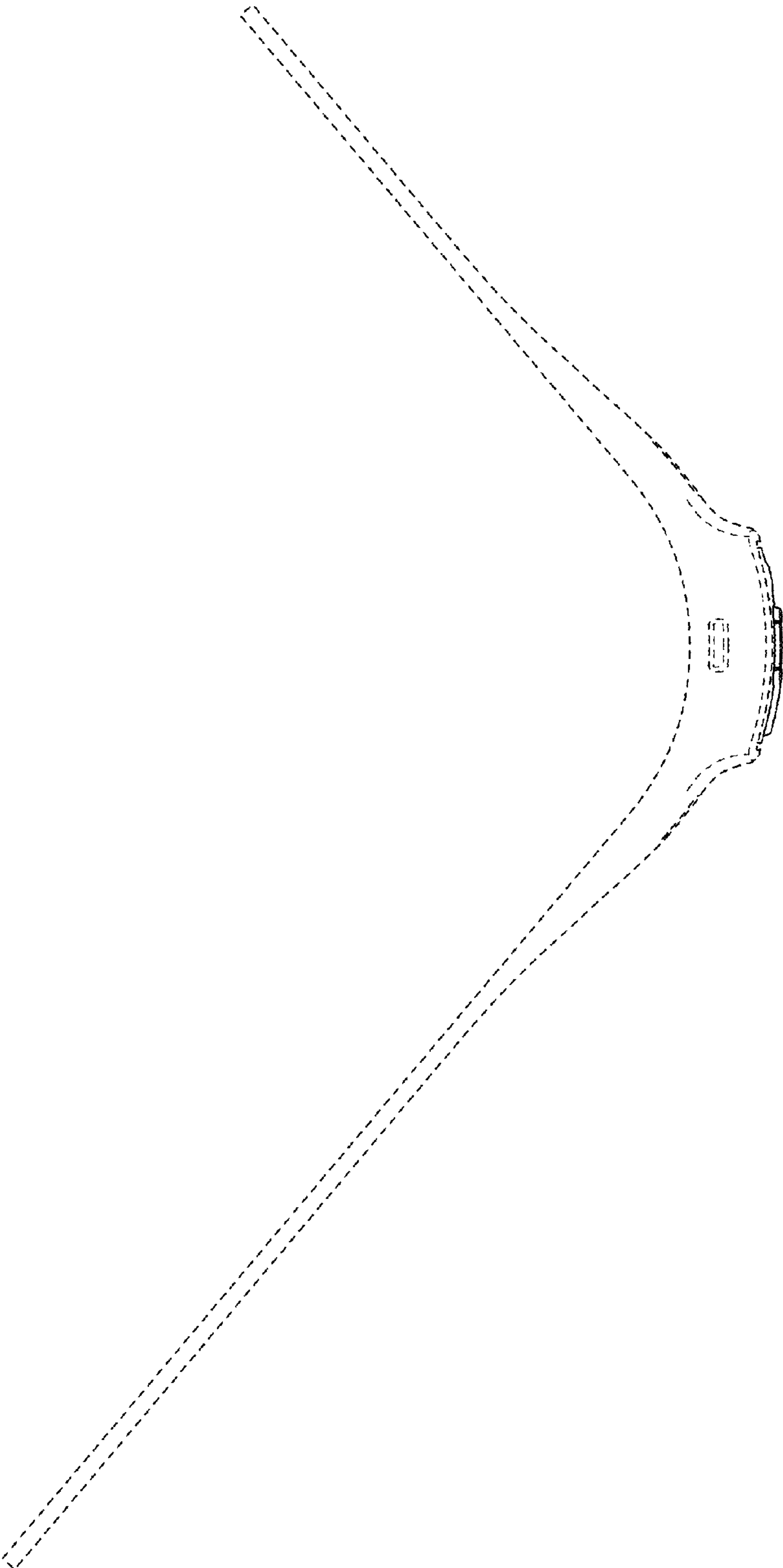


FIG. 5

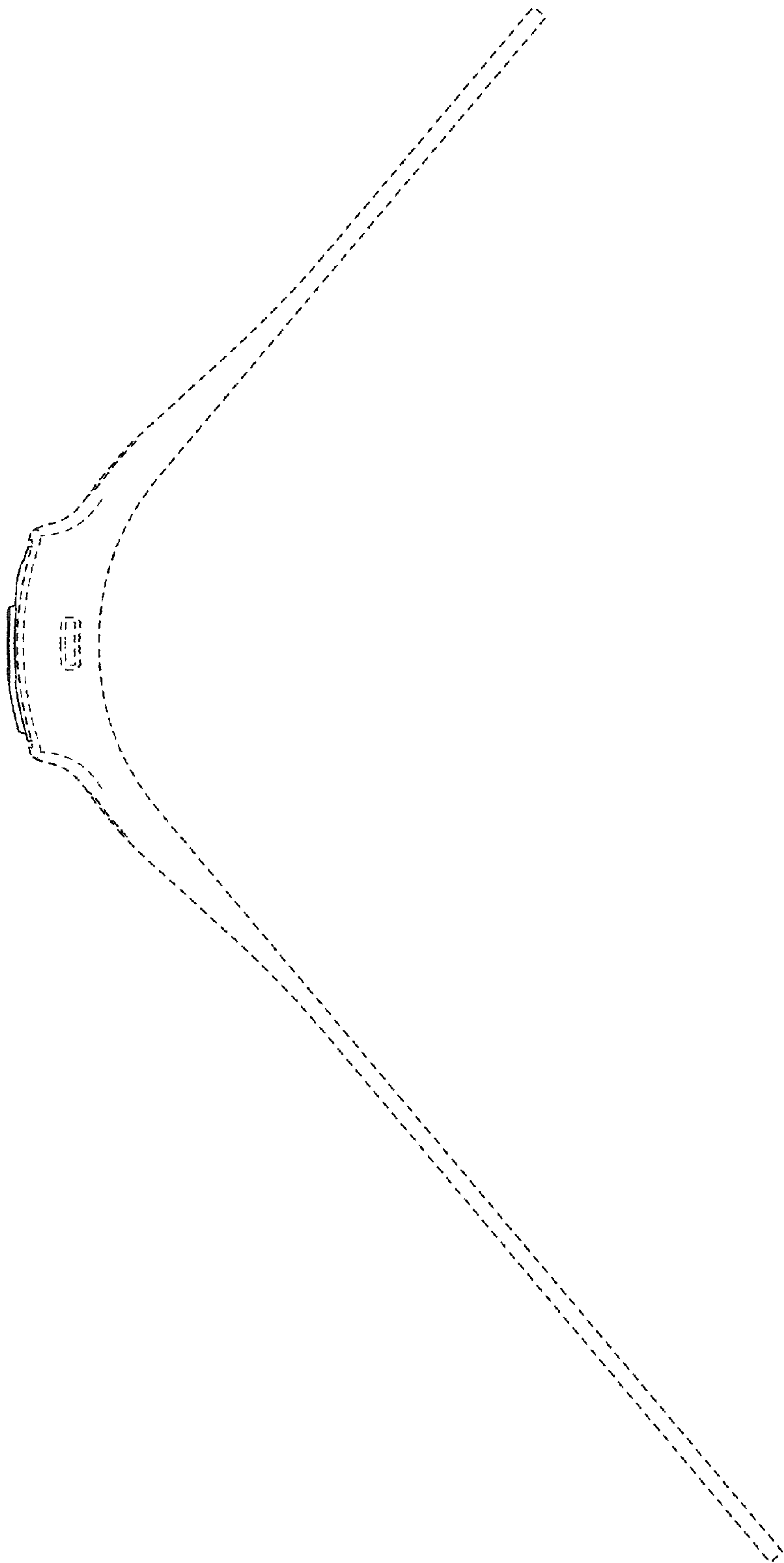


FIG. 6