

US00D864959S

(12) **United States Design Patent** (10) **Patent No.:** **US D864,959 S**
Osterhout et al. (45) **Date of Patent:** **** Oct. 29, 2019**

(54) **COMPUTER GLASSES**
(71) Applicant: **Mentor Acquisition One, LLC**,
Plantation, FL (US)
(72) Inventors: **Ralph F. Osterhout**, San Francisco, CA
(US); **Mark Devin Kelley**, Oakland,
CA (US)
(73) Assignee: **Mentor Acquisition One, LLC**,
Plantation, FL (US)

D376,790 S 12/1996 Goulet et al.
5,596,451 A 1/1997 Handschy et al.
5,625,372 A 4/1997 Hildebrand et al.
D383,148 S 9/1997 Lee
5,717,422 A 2/1998 Ferguson et al.
5,748,264 A 5/1998 Hegg et al.
5,807,114 A 9/1998 Hodges et al.
5,808,800 A 9/1998 Handschy et al.
5,808,802 A 9/1998 Hur
5,954,642 A 9/1999 Johnson et al.
5,971,538 A 10/1999 Heffner
6,034,653 A 3/2000 Robertson et al.
6,076,927 A 6/2000 Owens

(Continued)

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

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **29/589,676**

CN 202102188 U 1/2012
CN 107250882 A 10/2017

(22) Filed: **Jan. 4, 2017**

(Continued)

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

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

OTHER PUBLICATIONS

(58) **Field of Classification Search**

USPC D14/372, 496, 432, 371, 125, 126, 129,
D14/299; D16/300-342; 351/158, 153,
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

US 8,743,465 B2, 06/2014, Totani et al. (withdrawn)
(Continued)

Primary Examiner — Austin Murphy
(74) *Attorney, Agent, or Firm* — Morrison & Foerster
LLP

See application file for complete search history.

(57) **CLAIM**

The ornamental design for computer glasses, as shown and described.

(56) **References Cited**

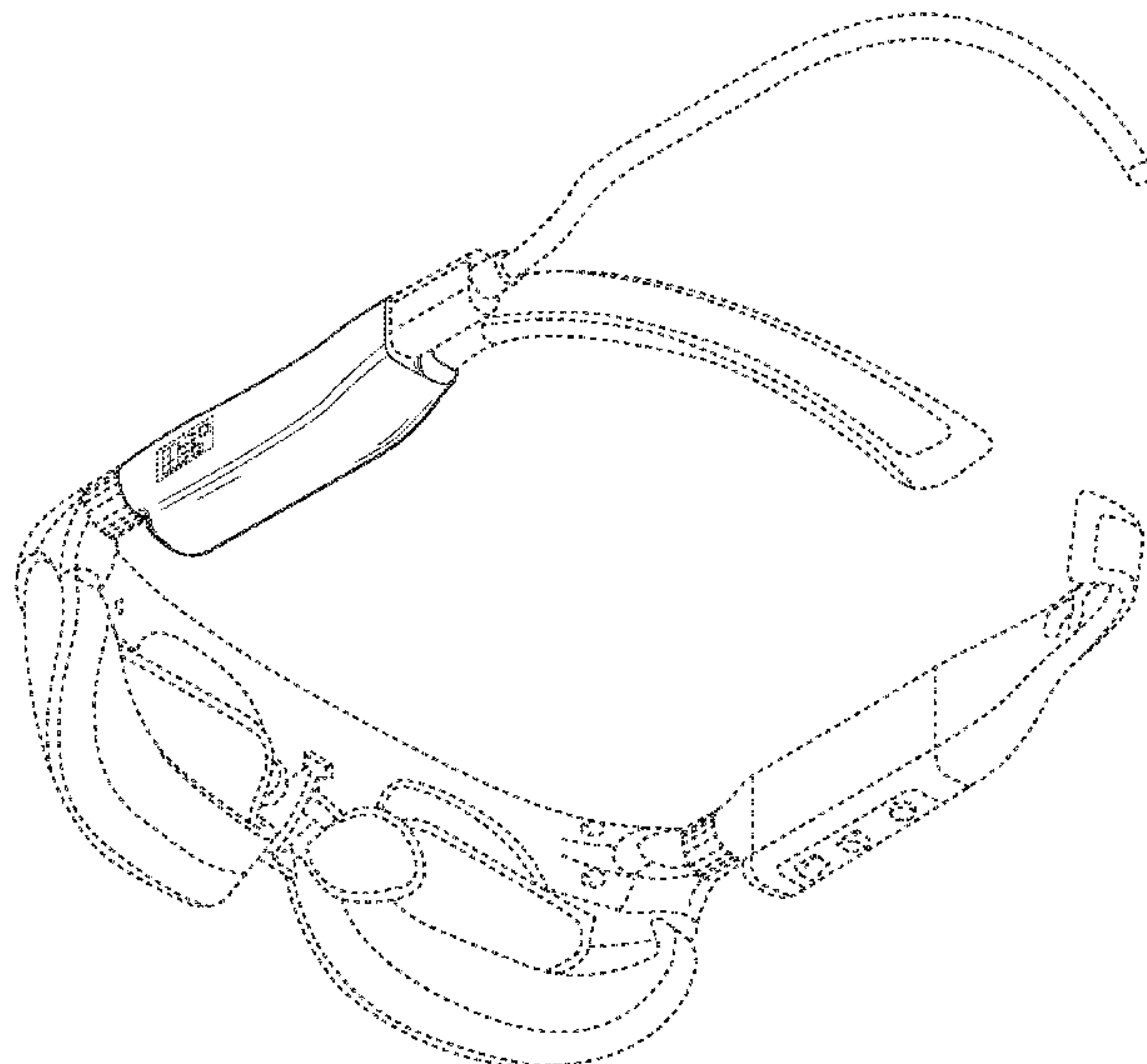
U.S. PATENT DOCUMENTS

1,897,833 A 2/1933 Benway
2,064,604 A 12/1936 Paul
3,531,190 A 9/1970 Leblanc
3,671,111 A 6/1972 Okner
4,145,125 A 3/1979 Chika
4,513,812 A 4/1985 Papst et al.
4,695,129 A 9/1987 Faessen et al.
D327,674 S 7/1992 Kuo
5,483,307 A 1/1996 Anderson

DESCRIPTION

FIG. 1 is a side view of an embodiment of the new design;
FIG. 2 is a bottom view thereof;
FIG. 3 is a front top perspective view thereof; and,
FIG. 4 is a rear bottom perspective view thereof.
The broken lines in FIGS. 1-4 are for environmental pur-
poses only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,078,427 A	6/2000	Fontaine et al.	8,745,058 B1	6/2014	Garcia-Barrio
6,137,675 A	10/2000	Perkins	8,750,541 B1	6/2014	Dong et al.
6,157,291 A	12/2000	Kuenster et al.	8,752,963 B2	6/2014	McCulloch et al.
6,195,136 B1	2/2001	Handschy et al.	8,787,006 B2	7/2014	Golko et al.
6,297,795 B1	10/2001	Kato et al.	8,803,867 B2	8/2014	Oikawa
6,299,632 B1	10/2001	Jaillet et al.	8,814,691 B2	8/2014	Osterhout et al.
6,347,764 B1	2/2002	Brandon et al.	8,823,071 B2	9/2014	Oyamada
6,359,723 B1	3/2002	Handschy et al.	8,832,557 B2	9/2014	Tang et al.
6,369,952 B1	4/2002	Rallison et al.	8,837,880 B2	9/2014	Takeda et al.
6,421,031 B1	7/2002	Ronzani et al.	8,866,702 B1	10/2014	Mirov et al.
6,456,438 B1	9/2002	Lee et al.	D716,808 S	11/2014	Yeom et al.
6,480,174 B1	11/2002	Kaufmann et al.	8,878,749 B1	11/2014	Wu et al.
6,491,389 B2	12/2002	Yaguchi et al.	D719,568 S	12/2014	Heinrich et al.
D470,144 S	2/2003	Li	D719,569 S	12/2014	Heinrich et al.
6,535,182 B2	3/2003	Stanton	D719,570 S	12/2014	Heinrich et al.
D473,871 S	4/2003	Santos	8,922,530 B2	12/2014	Pance
6,824,265 B1	11/2004	Harper	D723,092 S	2/2015	Markovitz et al.
6,847,336 B1	1/2005	Lemelson et al.	D723,093 S	2/2015	Li
6,987,787 B1	1/2006	Mick	8,955,973 B2	2/2015	Raffle et al.
7,003,308 B1	2/2006	Fuoss et al.	8,957,835 B2	2/2015	Hoellwarth
D521,493 S	5/2006	Wai	8,964,298 B2	2/2015	Haddick et al.
7,042,441 B2	5/2006	Adams et al.	D724,083 S	3/2015	Olsson et al.
7,088,234 B2	8/2006	Naito et al.	8,971,023 B2	3/2015	Olsson et al.
7,199,934 B2	4/2007	Yamasaki	D727,317 S	4/2015	Olsson et al.
7,206,134 B2	4/2007	Weissman et al.	9,031,273 B2	5/2015	Dong et al.
7,425,065 B2	9/2008	Wang	D730,975 S	6/2015	Stables
7,477,207 B2	1/2009	Estep	D732,025 S	6/2015	Heinrich et al.
7,582,828 B2	9/2009	Ryan	D733,709 S	7/2015	Kawai
7,791,889 B2	9/2010	Belady et al.	9,105,261 B2	8/2015	Horii
7,830,370 B2	11/2010	Yamazaki et al.	D738,373 S	9/2015	Davies et al.
D628,616 S	12/2010	Yuan	9,128,281 B2	9/2015	Osterhout et al.
7,850,301 B2	12/2010	Dichiara et al.	9,129,295 B2	9/2015	Border et al.
7,855,743 B2	12/2010	Sako et al.	9,143,693 B1	9/2015	Zhou et al.
7,928,926 B2	4/2011	Yamamoto et al.	D741,398 S	10/2015	Echeverri
8,004,765 B2	8/2011	Amitai	9,158,116 B1 *	10/2015	Osterhout G02B 27/0176
D645,492 S	9/2011	Zhao	D744,581 S	12/2015	Votel et al.
D645,493 S	9/2011	Zhao	D745,007 S *	12/2015	Cazalet D14/372
8,018,579 B1	9/2011	Krah et al.	D747,401 S	1/2016	Exley
D646,316 S	10/2011	Zhao	D751,551 S	3/2016	Ho et al.
D647,947 S	11/2011	Yu	D751,552 S *	3/2016	Osterhout D14/372
8,089,568 B1	1/2012	Brown et al.	D757,006 S	5/2016	Cazalet et al.
8,092,007 B2	1/2012	Dichiara et al.	D761,796 S *	7/2016	Heinrich D14/372
8,166,421 B2	4/2012	Magal et al.	D765,076 S *	8/2016	Rochat D14/372
8,190,147 B2	5/2012	Kauffman et al.	9,423,842 B2	8/2016	Osterhout et al.
8,228,315 B1	7/2012	Starner et al.	D766,895 S	9/2016	Choi
D665,838 S	8/2012	Kim et al.	D768,759 S	10/2016	Markovitz et al.
D667,482 S	9/2012	Healy et al.	D769,873 S *	10/2016	Cazalet D14/372
D667,483 S	9/2012	Krsmanovic	9,482,880 B1	11/2016	Chandrasekhar et al.
D669,066 S	10/2012	Olsson et al.	9,523,856 B2	12/2016	Osterhout et al.
D671,590 S	11/2012	Klinar et al.	9,529,195 B2	12/2016	Osterhout et al.
8,378,924 B2	2/2013	Jacobsen et al.	9,529,199 B2	12/2016	Osterhout et al.
D680,152 S	4/2013	Olsson et al.	9,651,787 B2	5/2017	Haddick et al.
8,427,396 B1	4/2013	Kim	9,651,788 B2	5/2017	Osterhout et al.
8,451,229 B2	5/2013	Otsuki et al.	9,651,789 B2	5/2017	Osterhout et al.
D685,019 S	6/2013	Li	9,672,210 B2	6/2017	Osterhout et al.
8,494,215 B2	7/2013	Kimchi et al.	9,684,172 B2	6/2017	Border et al.
8,505,430 B2	8/2013	Andryukov et al.	D792,400 S *	7/2017	Osterhout D14/372
D692,047 S	10/2013	Shin	D793,391 S *	8/2017	Nakagawa D14/372
8,553,910 B1	10/2013	Dong et al.	D793,467 S	8/2017	Krause
8,564,883 B2	10/2013	Totani et al.	D794,022 S *	8/2017	Limaye D14/372
8,570,273 B1	10/2013	Smith	D795,865 S *	8/2017	Porter D14/372
D693,398 S	11/2013	Rubin	9,746,676 B2	8/2017	Osterhout et al.
8,576,276 B2	11/2013	Bar-Zeev et al.	D796,504 S *	9/2017	Natsume D14/372
8,576,491 B2	11/2013	Takagi et al.	D796,506 S *	9/2017	Natsume D14/372
8,587,869 B2	11/2013	Totani et al.	9,753,288 B2	9/2017	Osterhout et al.
8,593,795 B1	11/2013	Chi et al.	D800,118 S *	10/2017	Xing D14/372
8,594,467 B2	11/2013	Lu et al.	D803,832 S *	11/2017	Lin D14/372
8,662,686 B2	3/2014	Takagi et al.	D806,053 S	12/2017	Lee
8,665,214 B2	3/2014	Forutanpour et al.	9,846,308 B2	12/2017	Osterhout
8,670,183 B2	3/2014	Clavin et al.	D807,355 S	1/2018	Tabata et al.
8,678,581 B2	3/2014	Blum et al.	9,897,822 B2	2/2018	Osterhout et al.
8,698,157 B2	4/2014	Hanamura	9,933,622 B2	4/2018	Border et al.
8,711,487 B2	4/2014	Takeda et al.	D819,026 S	5/2018	Limaye et al.
D704,764 S	5/2014	Markovitz et al.	10,018,837 B2	7/2018	Border et al.
8,743,052 B1	6/2014	Keller et al.	10,025,119 B2	7/2018	Huynh
			10,036,889 B2	7/2018	Border et al.
			D824,905 S	8/2018	Yamada et al.
			2001/0017614 A1	8/2001	Hara et al.
			2002/0021498 A1	2/2002	Ohtaka et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2002/0054272	A1	5/2002	Ebata et al.	2012/0242698	A1	9/2012	Haddick et al.
2002/0152425	A1	10/2002	Chaiken et al.	2012/0250152	A1	10/2012	Larson et al.
2002/0183101	A1	12/2002	Oh et al.	2012/0264510	A1	10/2012	Wigdor et al.
2003/0030912	A1	2/2003	Gleckman et al.	2012/0268449	A1	10/2012	Choi et al.
2003/0231483	A1	12/2003	Higashiyama et al.	2012/0293548	A1	11/2012	Perez et al.
2004/0008158	A1	1/2004	Chi et al.	2012/0302302	A1	11/2012	Hamlin et al.
2004/0066363	A1	4/2004	Yamano et al.	2012/0306850	A1	12/2012	Balan et al.
2004/0132509	A1	7/2004	Glezerman	2012/0307198	A1	12/2012	Ifergan
2004/0162211	A1	8/2004	Domey et al.	2012/0326948	A1	12/2012	Crocco et al.
2005/0237271	A1	10/2005	Yamamoto	2012/0327116	A1	12/2012	Liu et al.
2005/0248719	A1	11/2005	Howell et al.	2013/0009366	A1	1/2013	Hannegan et al.
2005/0264752	A1	12/2005	Howell et al.	2013/0044042	A1	2/2013	Olsson et al.
2006/0047386	A1	3/2006	Kanevsky et al.	2013/0063695	A1	3/2013	Hsieh
2006/0061542	A1	3/2006	Stokic et al.	2013/0069985	A1	3/2013	Wong et al.
2006/0092131	A1	5/2006	Kuroki et al.	2013/0083009	A1	4/2013	Geisner et al.
2006/0109623	A1	5/2006	Harris et al.	2013/0083055	A1	4/2013	Piemonte et al.
2006/0239629	A1	10/2006	Qi et al.	2013/0100259	A1	4/2013	Ramaswamy
2007/0069976	A1	3/2007	Willins et al.	2013/0120841	A1	5/2013	Shpunt et al.
2007/0075917	A1	4/2007	Nishi	2013/0121562	A1	5/2013	Barnum
2007/0100637	A1	5/2007	McCune et al.	2013/0135198	A1	5/2013	Hodge et al.
2007/0229458	A1	10/2007	Moon	2013/0147836	A1	6/2013	Small et al.
2007/0233376	A1	10/2007	Gershony et al.	2013/0154913	A1	6/2013	Genc et al.
2007/0274080	A1	11/2007	Negley et al.	2013/0185052	A1	7/2013	Boyd et al.
2007/0296684	A1	12/2007	Thomas et al.	2013/0196757	A1	8/2013	Latta et al.
2008/0122736	A1	5/2008	Ronzani et al.	2013/0201080	A1	8/2013	Evans et al.
2008/0125288	A1	5/2008	Case et al.	2013/0201081	A1	8/2013	Evans et al.
2008/0143954	A1	6/2008	Abreu et al.	2013/0207970	A1	8/2013	Shpunt et al.
2008/0291277	A1	11/2008	Jacobsen et al.	2013/0230215	A1	9/2013	Gurman et al.
2009/0013204	A1	1/2009	Kobayashi et al.	2013/0235331	A1	9/2013	Heinrich et al.
2009/0040296	A1	2/2009	Moscato et al.	2013/0249776	A1	9/2013	Olsson et al.
2009/0108837	A1	4/2009	Johansson et al.	2013/0250503	A1	9/2013	Olsson et al.
2009/0161062	A1	6/2009	Kawanishi	2013/0257622	A1	10/2013	Davalos et al.
2009/0189873	A1	7/2009	Peterson et al.	2013/0265212	A1	10/2013	Kato et al.
2009/0201460	A1	8/2009	Blum et al.	2013/0265227	A1	10/2013	Julian et al.
2009/0279180	A1	11/2009	Amitai et al.	2013/0293580	A1	11/2013	Spivack et al.
2009/0325647	A1	12/2009	Cho et al.	2013/0321265	A1	12/2013	Bychkov et al.
2010/0007852	A1	1/2010	Bietry et al.	2013/0321271	A1	12/2013	Bychkov et al.
2010/0045928	A1	2/2010	Levy et al.	2013/0336528	A1	12/2013	Itani et al.
2010/0079356	A1	4/2010	Hoellwarth	2013/0342981	A1	12/2013	Cox et al.
2010/0079508	A1	4/2010	Hodge et al.	2014/0028704	A1	1/2014	Wu et al.
2010/0130140	A1	5/2010	Waku et al.	2014/0029498	A1	1/2014	Kim et al.
2010/0309426	A1	12/2010	Howell et al.	2014/0043682	A1	2/2014	Hussey et al.
2011/0130958	A1	6/2011	Stahl et al.	2014/0062854	A1	3/2014	Cho
2011/0131495	A1	6/2011	Bull et al.	2014/0063473	A1	3/2014	Pasolini
2011/0157236	A1	6/2011	Inoue et al.	2014/0111864	A1	4/2014	Margulis et al.
2011/0159931	A1	6/2011	Boss et al.	2014/0129328	A1	5/2014	Mathew
2011/0164047	A1	7/2011	Pance et al.	2014/0146394	A1	5/2014	Tout et al.
2011/0164163	A1	7/2011	Bilbrey et al.	2014/0147829	A1	5/2014	Jerauld
2011/0196610	A1	8/2011	Waldman et al.	2014/0152530	A1	6/2014	Venkatesha et al.
2011/0199171	A1	8/2011	Prest et al.	2014/0152558	A1	6/2014	Salter et al.
2011/0201213	A1	8/2011	Dabov et al.	2014/0152676	A1	6/2014	Rohn et al.
2011/0202823	A1	8/2011	Berger et al.	2014/0153173	A1	6/2014	Pombo et al.
2011/0213664	A1	9/2011	Osterhout et al.	2014/0159995	A1	6/2014	Adams et al.
2011/0221672	A1	9/2011	Osterhout et al.	2014/0160055	A1	6/2014	Margolis et al.
2011/0234475	A1	9/2011	Endo et al.	2014/0160157	A1	6/2014	Poulos et al.
2011/0241975	A1	10/2011	Mukawa et al.	2014/0160170	A1	6/2014	Lyons
2011/0285764	A1	11/2011	Kimura et al.	2014/0168735	A1	6/2014	Yuan et al.
2012/0019373	A1	1/2012	Kruse et al.	2014/0176603	A1	6/2014	Kumar et al.
2012/0026455	A1	2/2012	Takahashi	2014/0177023	A1	6/2014	Gao et al.
2012/0050493	A1	3/2012	Ernst et al.	2014/0183269	A1	7/2014	Glaser et al.
2012/0062850	A1	3/2012	Travis	2014/0206416	A1	7/2014	Aurongzeb et al.
2012/0075168	A1	3/2012	Osterhout et al.	2014/0347572	A1	11/2014	Liu et al.
2012/0078628	A1	3/2012	Ghulman et al.	2014/0354624	A1	12/2014	Chaji
2012/0092328	A1	4/2012	Flaks et al.	2014/0375545	A1	12/2014	Finocchio et al.
2012/0113514	A1	5/2012	Rodman	2015/0029088	A1	1/2015	Kim et al.
2012/0162270	A1	6/2012	Fleck et al.	2015/0042544	A1	2/2015	Sugihara et al.
2012/0169608	A1	7/2012	Forutanpour et al.	2015/0084862	A1	3/2015	Sugihara et al.
2012/0188245	A1	7/2012	Hyatt et al.	2015/0145839	A1	5/2015	Hack et al.
2012/0212398	A1	8/2012	Border et al.	2015/0168730	A1	6/2015	Ashkenazi et al.
2012/0212593	A1	8/2012	Na'aman et al.	2015/0178932	A1	6/2015	Wyatt et al.
2012/0223885	A1	9/2012	Perez	2015/0198807	A1	7/2015	Hirai
2012/0229367	A1	9/2012	Magyari	2015/0205117	A1	7/2015	Border et al.
2012/0235900	A1	9/2012	Border et al.	2015/0205126	A1*	7/2015	Schowengerdt G06T 13/40 345/633
2012/0242570	A1	9/2012	Kobayashi et al.	2015/0205132	A1	7/2015	Osterhout et al.
2012/0242697	A1	9/2012	Border et al.	2015/0261015	A1*	9/2015	Han G02C 11/10 351/158
				2015/0293587	A1	10/2015	Wilairat et al.
				2015/0294627	A1	10/2015	Yoo et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2015/0309317 A1 10/2015 Osterhout et al.
 2015/0309534 A1 10/2015 Osterhout
 2015/0309995 A1 10/2015 Osterhout
 2015/0340010 A1* 11/2015 Travers G06F 3/14
 345/520
 2015/0346496 A1 12/2015 Haddick et al.
 2015/0346511 A1 12/2015 Osterhout et al.
 2015/0347823 A1 12/2015 Monnerat et al.
 2015/0382305 A1 12/2015 Drincic
 2016/0018646 A1 1/2016 Osterhout et al.
 2016/0018647 A1 1/2016 Osterhout et al.
 2016/0018648 A1 1/2016 Osterhout et al.
 2016/0018649 A1 1/2016 Osterhout et al.
 2016/0037833 A1 2/2016 Kriesel
 2016/0045810 A1* 2/2016 Minkovitch A63B 71/0669
 348/157
 2016/0048025 A1 2/2016 Cazalet
 2016/0078278 A1 3/2016 Moore et al.
 2016/0085278 A1 3/2016 Osterhout et al.
 2016/0103325 A1 4/2016 Mirza et al.
 2016/0116745 A1* 4/2016 Osterhout G06F 3/03547
 359/614
 2016/0131904 A1 5/2016 Border et al.
 2016/0131911 A1 5/2016 Border et al.
 2016/0132082 A1 5/2016 Border et al.
 2016/0133201 A1 5/2016 Border et al.
 2016/0161743 A1 6/2016 Osterhout et al.
 2016/0161747 A1 6/2016 Osterhout
 2016/0171846 A1 6/2016 Brav et al.
 2016/0178904 A1 6/2016 Deleeuw et al.
 2016/0187658 A1 6/2016 Osterhout et al.
 2016/0209674 A1 7/2016 Montalban
 2016/0246055 A1 8/2016 Border et al.
 2016/0274365 A1* 9/2016 Bailey G02B 27/0093
 2016/0370606 A1* 12/2016 Huynh G02C 11/10
 2017/0031395 A1 2/2017 Osterhout et al.
 2017/0099749 A1 4/2017 Nikkhoo et al.
 2017/0219831 A1 8/2017 Haddick et al.
 2017/0220865 A1 8/2017 Osterhout et al.
 2017/0227778 A1 8/2017 Osterhout
 2017/0227793 A1 8/2017 Abreu
 2017/0235133 A1 8/2017 Border et al.
 2017/0235134 A1 8/2017 Border et al.
 2017/0311483 A1 10/2017 Kawai
 2017/0337187 A1 11/2017 Osterhout
 2017/0343810 A1 11/2017 Bietry et al.
 2017/0351098 A1 12/2017 Osterhout et al.
 2018/0003988 A1 1/2018 Osterhout
 2018/0059434 A1 3/2018 Heisey et al.
 2018/0267302 A1 9/2018 Border et al.

FOREIGN PATENT DOCUMENTS

EP 368898 A1 5/1990
 EP 777867 A1 6/1997
 EP 1326121 A2 7/2003
 EP 2207164 A2 7/2010
 EP 2486450 A1 8/2012
 EP 2490130 A1 8/2012
 EP 2502410 A1 9/2012
 EP 2674834 A2 12/2013
 GB 2494907 A 3/2013
 JP 07110735 A 4/1995
 JP 2000102036 A 4/2000
 JP 2009171505 A 7/2009
 JP 5017989 B2 9/2012
 JP 2012212990 A 11/2012
 KR 1020110101944 A 9/2011
 WO 9414152 A1 6/1994

WO 03023756 A1 3/2003
 WO 2011143655 A1 11/2011
 WO 2012040030 A2 3/2012
 WO 2012058175 A1 5/2012
 WO 2012154620 A2 11/2012
 WO 2013050650 A1 4/2013
 WO 2013093906 A1 6/2013
 WO 2013103825 A1 7/2013
 WO 2013110846 A1 8/2013
 WO 2013170073 A1 11/2013
 WO 2013176079 A1 11/2013
 WO 2016073734 A1 5/2016
 WO 2016205601 A1 12/2016
 WO 2017100074 A1 6/2017
 WO 2018044537 A1 3/2018

OTHER PUBLICATIONS

US 8,792,178 B2, 07/2014, Totani et al. (withdrawn)
 “Audio Spotlight”, by Holosonics, <http://www.holosonics.com>, accessed Jul. 3, 2014, 3 pages.
 “Genius Ring Mice”, <http://www.geniusnet.com/Genius/wSite/productCompare/compare.jsp>, Dec. 23, 2014, 1 page.
 “Sound from Ultrasound”, Wikipedia entry, http://en.m.wikipedia.org/wiki/Sound_from_ultrasound, accessed Jul. 3, 2014, 13 pages.
 15857713.0, “European Application Serial No. 15857713.0, Extended European Search Report Received dated Oct. 16, 2017”, Osterhout Group, Inc., 7 Pages.
 Clements-Cortes, et al., “Short-Term Effects of Rhythmic Sensory Stimulation in Alzheimer’s Disease: An Exploratory Pilot Study”, *Journal of Alzheimer’s Disease* 52 (2016) DOI 10.3233/JAD-160081 IOS Press, Feb. 9, 2016, 651-660.
 Logbar Inc., “Ring: Shortcut Everything”, <https://www.kickstarter.com/projects/1761670738/ring-shortcut-everything>, Jun. 2012, 22 pages.
 PCT/US2015/059264, “International Application Serial No. PCT/US2015/059264, International Preliminary Report on Patentability and Written Opinion dated May 18, 2017”, Osterhout Group, Inc., 8 Pages.
 PCT/US2015/059264, “International Application Serial No. PCT/US2015/059264, International Search Report and Written Opinion dated Feb. 19, 2016”, Osterhout Group, Inc., 11 Pages.
 PCT/US2016/038008, “Application Serial No. PCT/US2016/038008, International Search Report and Written Opinion dated Oct. 27, 2016”, Osterhout Group, Inc., 8 pages.
 PCT/US2016/038008, “International Application Serial No. PCT/US2016/038008, International Preliminary Report on Patentability dated Dec. 28, 2017”, Osterhout Group, Inc., 6 Pages.
 PCT/US2016/064441, “Application Serial No. PCT/US2016/064441, International Search Report and Written Opinion dated Feb. 7, 2017”, Osterhout Group, Inc., 11 pages.
 PCTUS2017046701, “Application Serial No. PCTUS2017046701, International Search Report and the Written Opinion dated Nov. 6, 2017”, 7 pages.
 Schedwill, “Bidirectional OLED Microdisplay”, Fraunhofer Research Institution for Organics, Materials and Electronic Device Comedd, Apr. 11, 2014, 2 pages.
 Vogel, et al., “Data glasses controlled by eye movements”, *Information and communication, Fraunhofer-Gesellschaft*, Sep. 22, 2013, 2 pages.
 Ye, et al., “High Quality Voice Morphing”, 2004, pp. I-9-I-11.
 Osterhout, “Commercial and Social Implications”, Aug. 26, 2017, 12 pages.
 PCT/US2016/064441, “International Application Serial No. PCT/US2016/064441, International Preliminary Report on Patentability and Written Opinion dated Jun. 21, 2018”, Osterhout Group, Inc., 9 Pages.

* cited by examiner

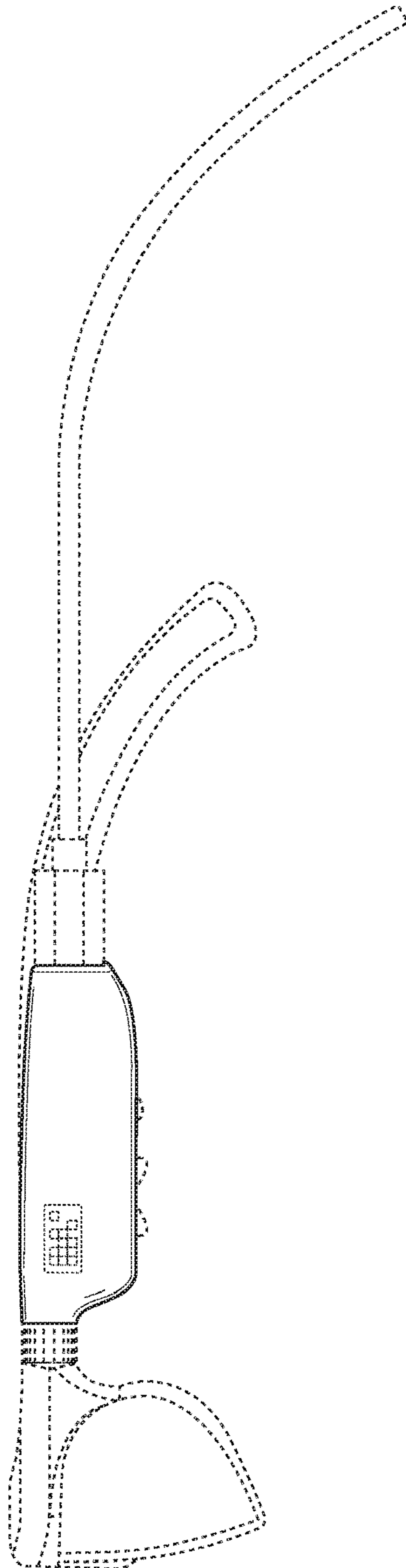


FIG. 1

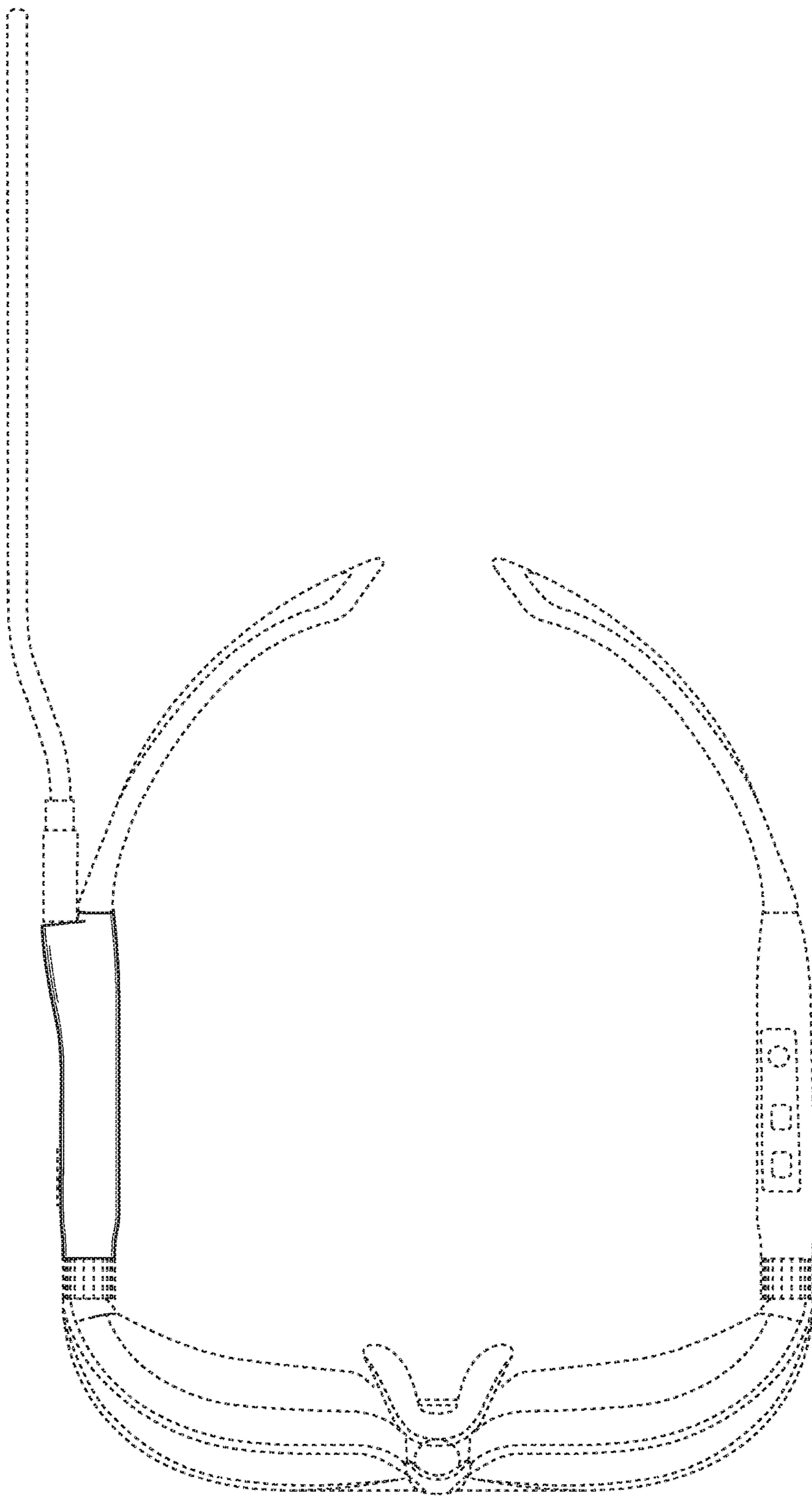


FIG. 2

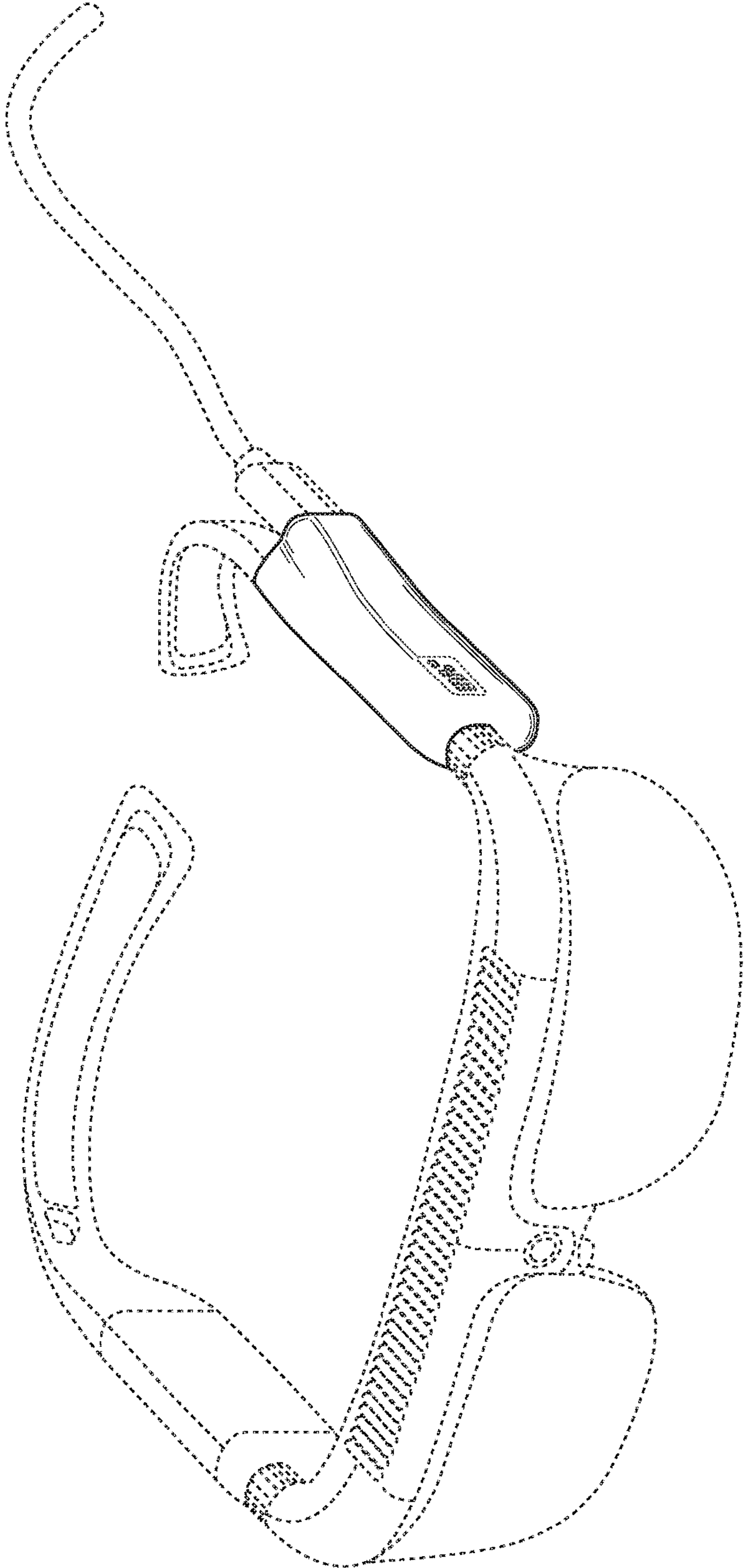


FIG. 3

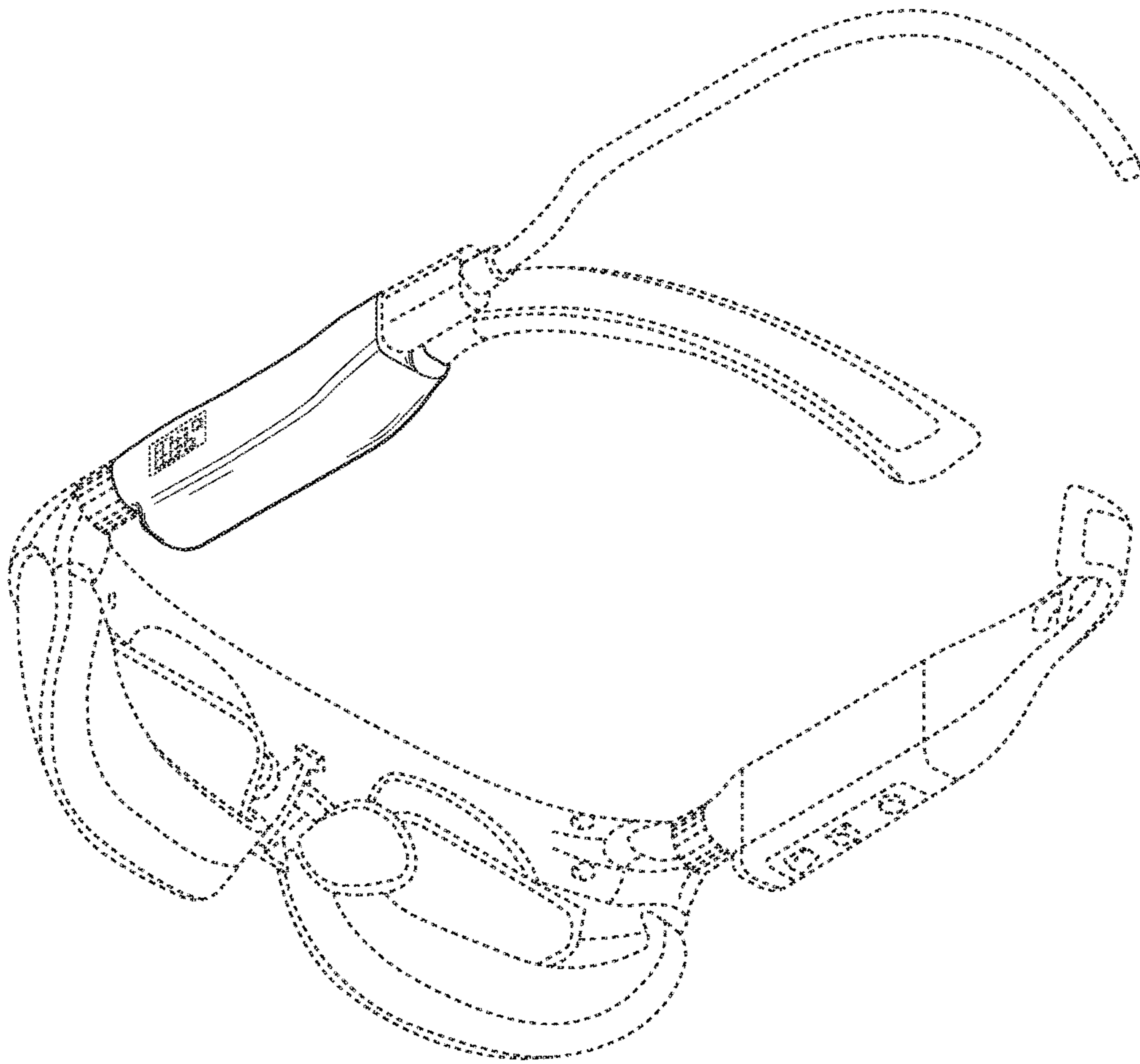


FIG. 4