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(54) **SURGICAL MASK**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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(US)

1,050,621 A	1/1913	Ford	
1,131,802 A	3/1915	Stenshoel	
1,441,817 A	1/1923	McCullough	
1,729,525 A	9/1929	Stenshoel	
1,776,167 A	9/1930	Stenshoel	
D121,069 S *	6/1940	Hansen D24/110.4
2,452,816 A	11/1948	Wagner	

(Continued)

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FOREIGN PATENT DOCUMENTS

CN	202478364	10/2012
CN	202505937	10/2012

(Continued)

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OTHER PUBLICATIONS

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(51) **LOC (13) Cl.** **29-02**

(57) **CLAIM**

The ornamental design for a surgical mask, as shown and
described.

(52) **U.S. Cl.**

USPC **D24/110.4**

DESCRIPTION

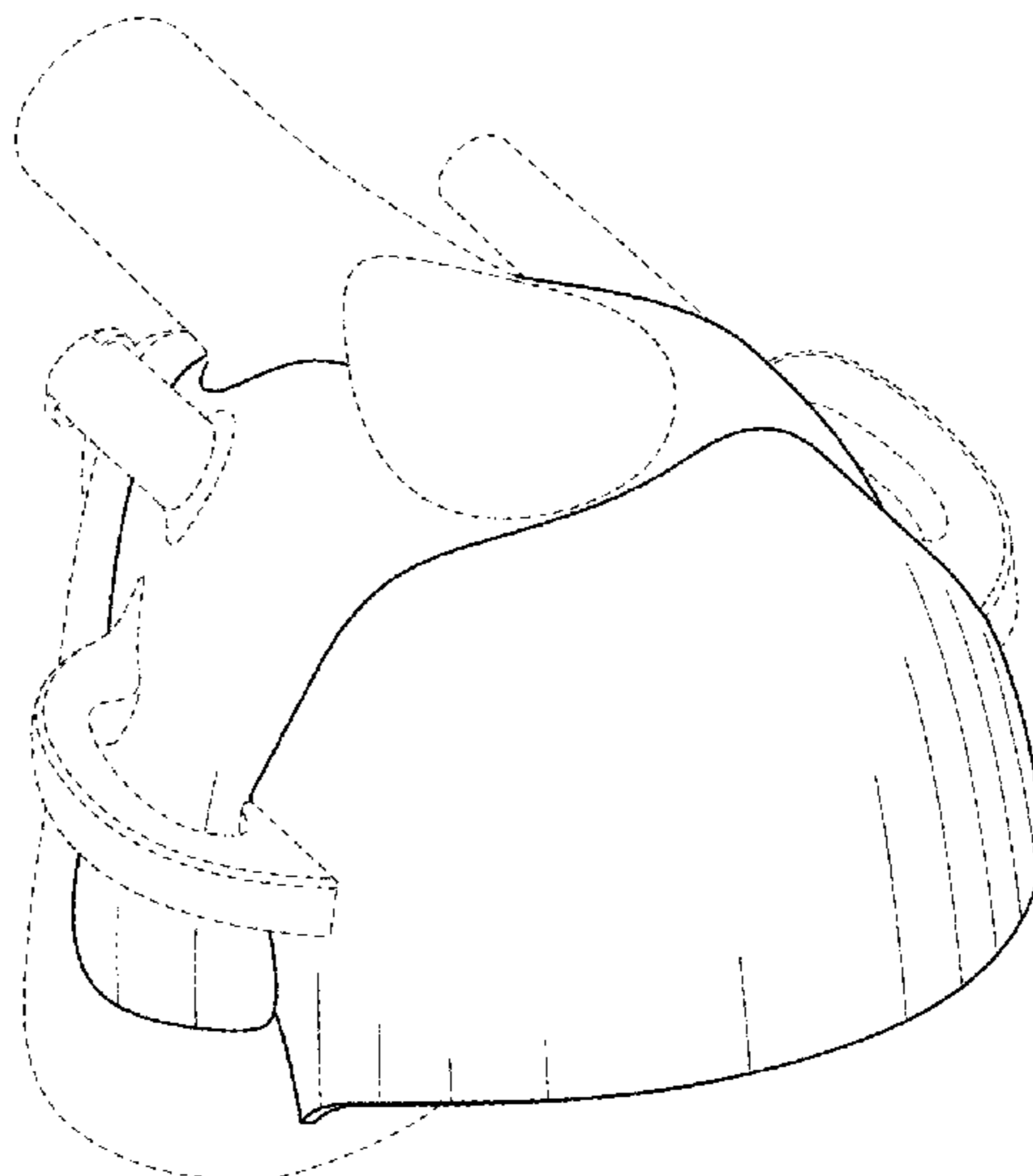
(58) **Field of Classification Search**

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CPC A61M 16/0616; A61M 16/0633; A61M
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A61M 16/08; B63C 11/205; B63C 11/16;
B63C 11/186; B63C 11/12

FIG. 1 is a front elevational view of a surgical mask showing
our new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is top plan view thereof;
FIG. 6 is a bottom plan view thereof; and,
FIG. 7 is a top perspective view thereof.
The broken lines in the drawings illustrate portions of the
surgical mask that form no part of the claimed design.

See application file for complete search history.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,843,121 A	7/1958	Hudson	6,123,071 A	9/2000	Berthon-Jones et al.
2,939,458 A	6/1960	Lundquist	6,129,082 A	10/2000	Leagre
3,013,556 A	12/1961	Galleher	6,152,137 A	11/2000	Schwartz et al.
3,522,612 A	8/1970	Palmer	D435,650 S	12/2000	Kwok
3,556,097 A	1/1971	Wallace	6,192,886 B1	2/2001	Rudolph
3,779,164 A	12/1973	Study	6,216,691 B1	4/2001	Kenyon et al.
3,815,596 A	6/1974	Keener et al.	6,263,874 B1	7/2001	LeDez et al.
3,856,051 A	12/1974	Bain	6,342,040 B1	1/2002	Starr et al.
3,889,668 A	6/1975	Ochs et al.	6,357,441 B1	3/2002	Kwok et al.
3,897,777 A	8/1975	Morrison	6,397,847 B1	6/2002	Scarberry et al.
D242,490 S	11/1976	Belkin	6,401,713 B1	6/2002	Hill et al.
4,005,499 A	2/1977	Klein	6,412,487 B1	7/2002	Gunaratnam et al.
4,007,737 A	2/1977	Paluch	6,412,488 B1	7/2002	Barnett et al.
4,015,598 A	4/1977	Brown	6,439,230 B1	8/2002	Gunaratnam et al.
4,188,946 A	2/1980	Watson et al.	6,439,231 B1	8/2002	Fukunaga et al.
D256,161 S	7/1980	Oliver	6,446,288 B1	9/2002	Pi
4,231,363 A	11/1980	Grimes	6,459,923 B1	10/2002	Plewes et al.
4,232,667 A	11/1980	Chalon et al.	6,463,931 B1	10/2002	Kwok et al.
4,248,218 A	2/1981	Fischer	6,467,483 B1	10/2002	Kopacko et al.
4,259,757 A	4/1981	Watson	D467,345 S	12/2002	Gingles et al.
4,265,235 A	5/1981	Fukunaga	6,513,526 B2	2/2003	Kwok et al.
4,265,239 A	5/1981	Fischer, Jr. et al.	6,520,182 B1	2/2003	Gunaratnam
4,275,720 A	6/1981	Wichman	6,581,602 B2	6/2003	Kwok et al.
4,328,797 A	5/1982	Rollins	6,584,977 B1	7/2003	Serowski
4,457,026 A	7/1984	Morris	6,612,306 B1	9/2003	Mault
4,463,755 A	8/1984	Suzuki	6,615,835 B1	9/2003	Cise
4,471,769 A	9/1984	Lockhart	6,626,178 B2	9/2003	Morgan et al.
4,574,796 A	3/1986	Lundstrom	6,631,713 B1	10/2003	Christopher
4,596,246 A	6/1986	Lyll	6,631,718 B1	10/2003	Lovell
4,657,010 A	4/1987	Wright	6,634,358 B2	10/2003	Kwok et al.
4,700,691 A	10/1987	Tari et al.	6,651,663 B2	11/2003	Barnett et al.
4,770,169 A	9/1988	Schmoegner et al.	6,694,973 B1	2/2004	Dunhao et al.
4,905,712 A	3/1990	Bowlin et al.	6,701,927 B2	3/2004	Kwok et al.
5,046,200 A	9/1991	Feder	6,729,333 B2	5/2004	Barnett et al.
5,046,491 A	9/1991	Derrick	6,736,139 B1	5/2004	Wix
5,121,746 A	6/1992	Sikora	D493,523 S	7/2004	Barnett et al.
D333,404 S	2/1993	Thompson	6,779,524 B2	8/2004	Strawder et al.
5,243,971 A	9/1993	Sullivan et al.	6,792,943 B2	9/2004	Kumar et al.
5,255,303 A	10/1993	DiMaio et al.	6,796,308 B2	9/2004	Gunaratnam et al.
5,271,390 A	12/1993	Gray et al.	6,805,117 B1	10/2004	Ho et al.
5,284,160 A	2/1994	Dryden	6,832,610 B2	12/2004	Gradon et al.
D347,494 S	5/1994	Mustelier	6,863,071 B2	3/2005	Annett et al.
D354,128 S	1/1995	Rinehart	6,871,649 B2	3/2005	Kwok et al.
5,404,873 A	4/1995	Leagre et al.	6,892,729 B2	5/2005	Smith et al.
D362,061 S *	9/1995	McGinnis D24/110.4	6,895,965 B2	5/2005	Scarberry et al.
5,462,050 A	10/1995	Dahlstrand	6,931,664 B1	8/2005	Chen
5,474,060 A	12/1995	Evans	6,935,337 B2	8/2005	Virr et al.
5,485,837 A	1/1996	Solesbee et al.	6,981,503 B1	1/2006	Shapiro
5,524,639 A	6/1996	Lanier et al.	7,004,168 B2	2/2006	Mace et al.
D373,921 S	9/1996	Palomo et al.	7,007,696 B2	3/2006	Palkon et al.
5,557,049 A	9/1996	Ratner	7,013,896 B2	3/2006	Schmidt
RE35,339 E	10/1996	Rapoport	7,017,576 B2	3/2006	Olsen et al.
5,560,354 A	10/1996	Berthon-Jones et al.	7,021,311 B2	4/2006	Gunaratnam et al.
5,586,551 A	12/1996	Hilliard	7,036,508 B2	5/2006	Kwok
5,647,357 A	7/1997	Barnett et al.	7,047,971 B2	5/2006	Ho et al.
5,649,331 A	7/1997	Wilkinson et al.	7,066,179 B2	6/2006	Eaton et al.
5,660,174 A	8/1997	Jacobelli	7,069,932 B2	7/2006	Eaton et al.
5,661,859 A	9/1997	Schaefer	7,069,933 B2	7/2006	Kwok et al.
5,685,298 A	11/1997	Idris	7,114,498 B1	10/2006	Nashed
5,738,094 A	4/1998	Hoftman	7,159,587 B2	1/2007	Drew et al.
5,746,201 A	5/1998	Kidd	7,178,524 B2	2/2007	Noble
5,749,358 A	5/1998	Good et al.	7,178,527 B2	2/2007	Kwok et al.
5,778,872 A	7/1998	Fukunaga et al.	7,210,481 B1	5/2007	Lovell et al.
D402,755 S	12/1998	Kwok	7,219,669 B1	5/2007	Lovell et al.
5,884,624 A	3/1999	Barnett et al.	7,237,551 B2	7/2007	Ho et al.
5,933,886 A	8/1999	Washington	7,243,651 B2	7/2007	Kwok et al.
5,966,763 A	10/1999	Thomas et al.	7,287,528 B2	10/2007	Ho et al.
5,975,079 A	11/1999	Hellings et al.	7,341,060 B2	3/2008	Ging et al.
5,983,896 A	11/1999	Fukunaga et al.	7,383,839 B2	6/2008	Porat et al.
6,003,511 A	12/1999	Fukunaga et al.	7,445,602 B2	11/2008	Yamamori
6,019,101 A	2/2000	Cotner et al.	7,448,386 B2	11/2008	Ho et al.
6,035,852 A	3/2000	Hoftman	7,467,431 B2	12/2008	Weedling et al.
6,058,933 A	5/2000	Good et al.	7,487,772 B2	2/2009	Ging et al.
D428,987 S *	8/2000	Kwok D24/110.1	7,487,777 B2	2/2009	Gunaratnam et al.
6,112,746 A	9/2000	Kwok et al.	7,500,280 B2	3/2009	Dixon et al.
			7,500,482 B2	3/2009	Biederman
			D598,537 S *	8/2009	Nashed A61M 16/06 D24/110.1
			7,614,398 B2	11/2009	Virr et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

7,631,644 B2	12/2009	Ho et al.	8,807,134 B2	8/2014	Ho et al.
7,665,464 B2	2/2010	Kopacko et al.	8,807,135 B2	8/2014	Worboys et al.
7,669,599 B2	3/2010	Gunaratnam et al.	8,813,748 B2	8/2014	Kwok et al.
7,700,129 B2	4/2010	Ito et al.	8,881,728 B2	11/2014	Sher et al.
7,743,767 B2	6/2010	Ging et al.	8,915,861 B2	12/2014	Yamamori et al.
7,753,051 B2	7/2010	Burrow et al.	8,939,151 B2	1/2015	McAuley et al.
7,779,832 B1	8/2010	Ho	8,944,061 B2	2/2015	D'Souza et al.
7,841,988 B2	11/2010	Yamamori	D726,303 S	4/2015	Rollins
7,870,859 B2	1/2011	Barnett et al.	9,010,330 B2	4/2015	Barlow et al.
7,874,292 B2	1/2011	Smith et al.	9,010,331 B2	4/2015	Lang et al.
7,913,337 B1	3/2011	Masson	9,022,029 B2	5/2015	Varga et al.
7,926,487 B2	4/2011	Drew et al.	9,027,556 B2	5/2015	Ng et al.
7,927,285 B2	4/2011	Yamamori	9,138,169 B2	9/2015	Beard
7,931,024 B2	4/2011	Ho et al.	9,186,474 B1	11/2015	Rollins
7,938,117 B2	5/2011	Chiesa et al.	9,295,799 B2	3/2016	McAuley et al.
7,950,392 B2	5/2011	Kwok et al.	9,295,800 B2	3/2016	Davidson et al.
7,975,694 B2	7/2011	Ho	D753,287 S *	4/2016	Darab D24/110.4
7,997,267 B2	8/2011	Ging et al.	D753,816 S	4/2016	Darab
8,001,968 B2	8/2011	Doty et al.	9,375,545 B2	6/2016	Darkin et al.
8,001,970 B2	8/2011	King et al.	D768,845 S *	10/2016	Burkes D24/110
8,028,699 B2	10/2011	Ho et al.	9,629,975 B1 *	4/2017	Pedro A61M 16/0683
8,042,539 B2	10/2011	Chandran et al.	D848,606 S *	5/2019	Reilly D24/110.4
8,042,541 B2	10/2011	Amarasinghe et al.	D862,687 S *	10/2019	Reilly D24/110.4
8,056,561 B2	11/2011	Kwok et al.	D892,306 S *	8/2020	Reilly D24/110.4
8,132,270 B2	3/2012	Lang et al.	D898,188 S *	10/2020	Pedro D24/110.4
8,161,971 B2	4/2012	Jaffe	2002/0074001 A1	6/2002	Kwok et al.
8,191,553 B2	6/2012	Haworth et al.	2002/0174868 A1	11/2002	Kwok et al.
8,210,181 B2	7/2012	Gunaratnam et al.	2003/0024533 A1	2/2003	Sniadach
8,261,745 B2	9/2012	Chandran et al.	2003/0145859 A1	8/2003	Bohn et al.
8,261,746 B2	9/2012	Lynch et al.	2003/0183232 A1	10/2003	Fukunaga et al.
8,267,091 B2	9/2012	Smith et al.	2004/0069306 A1	4/2004	Moening
8,302,224 B2	11/2012	Lehman	2004/0221850 A1	11/2004	Ging et al.
8,312,883 B2	11/2012	Gunaratnam et al.	2005/0028811 A1	2/2005	Nelson et al.
8,336,142 B1	12/2012	See et al.	2005/0145247 A1	7/2005	Nashed
8,336,549 B2	12/2012	Nashed	2005/0160532 A1	7/2005	Froelich
8,347,889 B2	1/2013	Farnum	2005/0193493 A1	9/2005	Gabbay
8,365,734 B1	2/2013	Lehman	2006/0032500 A1	2/2006	Ghiron et al.
8,397,724 B2	3/2013	Sher et al.	2006/0042631 A1	3/2006	Martin et al.
D681,383 S	5/2013	Derman et al.	2006/0118117 A1	6/2006	Berthon-Jones et al.
8,443,807 B2	5/2013	McAuley et al.	2006/0124131 A1	6/2006	Chandran et al.
8,485,190 B2	7/2013	Barnett et al.	2006/0168730 A1	8/2006	Menkedick et al.
8,485,192 B2	7/2013	Davidson et al.	2006/0174889 A1	8/2006	Noble
8,490,623 B2	7/2013	Berthon-Jones et al.	2006/0231091 A1	10/2006	Camarillo
RE44,453 E	8/2013	Virr et al.	2007/0062536 A1	3/2007	McAuley et al.
8,479,726 B2	9/2013	McAuley	2007/0113847 A1	5/2007	Acker et al.
8,522,783 B2	9/2013	Kwok et al.	2007/0113856 A1	5/2007	Acker et al.
8,528,558 B2	9/2013	Drew et al.	2007/0267017 A1	11/2007	McAuley et al.
8,550,081 B2	10/2013	Davidson et al.	2007/0271699 A1	11/2007	Sacchetti
8,550,082 B2	10/2013	Davidson et al.	2007/0295335 A1	12/2007	Nashed
8,550,083 B2	10/2013	Davidson et al.	2008/0053446 A1	3/2008	Sleeper et al.
8,555,885 B2	10/2013	Davidson et al.	2008/0092898 A1	4/2008	Schneider et al.
8,567,402 B2	10/2013	Gunaratnam et al.	2008/0196715 A1	8/2008	Yamamori
8,567,404 B2	10/2013	Davidson et al.	2008/0221470 A1	9/2008	Sather et al.
D693,603 S	11/2013	Esquivel et al.	2008/0230067 A1	9/2008	Kwok et al.
8,573,211 B2	11/2013	Ho et al.	2009/0084385 A1	4/2009	Lang
8,573,212 B2	11/2013	Lynch et al.	2009/0114229 A1	5/2009	Frater et al.
8,573,213 B2	11/2013	Davidson et al.	2009/0114230 A1	5/2009	Hernandez et al.
8,573,214 B2	11/2013	Davidson et al.	2009/0133696 A1	5/2009	Remmers et al.
8,573,215 B2	11/2013	Davidson et al.	2009/0178680 A1	7/2009	Chang
8,573,217 B2	11/2013	Todd et al.	2009/0250061 A1	10/2009	Marasigan
8,578,935 B2	11/2013	Davidson et al.	2009/0260628 A1	10/2009	Flynn
8,578,939 B1	11/2013	Kimani Mwangi et al.	2009/0301472 A1	12/2009	Kim et al.
D695,888 S *	12/2013	Darab D24/110.4	2009/0320850 A1	12/2009	Wallnewitz et al.
8,613,280 B2	12/2013	Davidson et al.	2010/0122701 A1	5/2010	Gunaratnam
8,613,281 B2	12/2013	Davidson et al.	2010/0147313 A1	6/2010	Albrecht
8,616,211 B2	12/2013	Davidson et al.	2010/0170513 A1	7/2010	Bowditch
D697,202 S *	1/2014	Nashed D24/110.1	2010/0170516 A1	7/2010	Grane
8,631,792 B2	1/2014	Ho et al.	2010/0218316 A1	9/2010	Nissen et al.
8,636,006 B2	1/2014	Kwok et al.	2010/0224199 A1	9/2010	Smith et al.
8,667,965 B2	3/2014	Gunaratnam et al.	2010/0275919 A1	11/2010	Sung
8,684,004 B2	4/2014	Eifler	2010/0313891 A1	12/2010	Veliss et al.
8,689,366 B2	4/2014	Ho	2011/0054366 A1	3/2011	Smith et al.
8,707,950 B1	4/2014	Rubin	2011/0072582 A1	3/2011	Patterson et al.
8,714,157 B2	5/2014	McAuley et al.	2011/0083670 A1	4/2011	Walacavage
8,752,551 B2	6/2014	Chandran et al.	2011/0092930 A1	4/2011	Poorman
			2011/0108035 A1	5/2011	Samaniego
			2011/0114099 A1	5/2011	Goldstein
			2011/0155136 A1	6/2011	Lee
			2011/0173750 A1	7/2011	Lehmann

(56)

References Cited

OTHER PUBLICATIONS

U.S. PATENT DOCUMENTS

2011/0186050	A1	8/2011	Daly
2011/0214674	A1	9/2011	Ging et al.
2011/0253150	A1	10/2011	King
2011/0265796	A1	11/2011	Amarasinghe et al.
2011/0290253	A1	12/2011	McAuley et al.
2012/0080035	A1	4/2012	Guney et al.
2012/0111330	A1	5/2012	Gartner
2012/0144588	A1	6/2012	Heimbrock et al.
2012/0180220	A1	7/2012	Popitz
2012/0222680	A1	9/2012	Eves et al.
2012/0227736	A1	9/2012	Bowsher
2012/0234326	A1	9/2012	Mazzone et al.
2012/0247475	A1	10/2012	Hernandez et al.
2012/0285455	A1	11/2012	Varga et al.
2012/0285466	A1	11/2012	Pierro et al.
2013/0014760	A1	1/2013	Matula, Jr. et al.
2013/0023729	A1	1/2013	Vazales
2013/0060157	A1	3/2013	Beard
2013/0109992	A1	5/2013	Guyette
2013/0146060	A1	6/2013	Ho et al.
2013/0186413	A1	7/2013	Haines et al.
2013/0190643	A1	7/2013	Brambilla
2013/0192601	A1	8/2013	Reischl et al.
2013/0192602	A1	8/2013	Leibitzki et al.
2013/0199537	A1	8/2013	Formica et al.
2013/0319417	A1	12/2013	Weinman
2014/0076311	A1	3/2014	Darab
2014/0083425	A1	3/2014	Moening
2014/0144448	A1	5/2014	Eifler
2014/0158135	A1	6/2014	Shyong
2014/0158136	A1	6/2014	Romagnoli et al.
2014/0215687	A1	8/2014	Andrews
2014/0243600	A1	8/2014	Eisenberger
2014/0245537	A1	9/2014	Allen
2014/0251333	A1	9/2014	Burk
2014/0326246	A1	11/2014	Chodkowski et al.
2014/0352072	A1	12/2014	Holladay
2014/0360504	A1	12/2014	Kwok
2015/0047647	A1	2/2015	Winer
2015/0059759	A1	3/2015	Frater et al.
2015/0144140	A1	5/2015	Eury
2015/0217075	A1	8/2015	Nair
2015/0238716	A1	8/2015	Budhiraja et al.
2015/0250970	A1	9/2015	Bowsher
2015/0250971	A1	9/2015	Bachelder et al.
2015/0273170	A1	10/2015	Bachelder et al.
2015/0273171	A1	10/2015	Sullivan et al.
2015/0335852	A1	11/2015	Miller
2016/0015923	A1	1/2016	Chodkowski et al.
2016/0022944	A1	1/2016	Chodkowski et al.
2016/0038709	A1	2/2016	Beard
2016/0067441	A1	3/2016	Bearne et al.
2016/0184540	A1	6/2016	Kokko
2016/0213871	A1	7/2016	Darab
2016/0279368	A1	9/2016	Isenberg
2017/0007795	A1*	1/2017	Pedro A61M 16/0672

FOREIGN PATENT DOCUMENTS

DE	19947722	4/2001
EP	2433666	3/2012
GB	187863	11/1922
GB	2456136	7/2009
WO	WO-2010059592	5/2010
WO	WO-2013036839	3/2013
WO	WO-2013/064950	5/2013
WO	WO-2014038959	3/2014
WO	WO-2014210606	12/2014
WO	WO-2015063283	5/2015
WO	WO-2015131262	9/2015
WO	WO-2015147947	10/2015
WO	WO-2015187995	12/2015
WO	WO-2016007749	1/2016
WO	WO-2016097948	6/2016

Australian Certificate of Registration issued in application No. 201512962, dated Aug. 12, 2015 (5 pgs).

Ball et al., "Performance comparison of two anaesthetic facemasks," *Anaesth Intensive Care*, Apr. 2007, vol. 35, issue 2, 226-9 (abstract only) (2 pgs).

Canadian Office Action issued in application No. 162891, dated Apr. 5, 2016 (1 pg).

Canadian Office Action issued in application No. 162891, dated Nov. 10, 2015 (7 pgs).

Chinese First Notification to Make Rectification issued in application No. 201730161613.8, dated Aug. 7, 2017 (2 pgs).

Chinese First Office Action issued in application No. 201480042735.9 dated Apr. 5, 2017 (w/ translation) (18 pgs).

Chinese Notification of Grant issued in application No. 201530191921.6, dated Feb. 15, 2016 (12 pgs).

Chinese Second Notification to Make Rectification issued in application No. 201730161613.8, dated Sep. 19, 2017 (11 pgs).

Chinese Second Office Action issued in application No. 201480042735.9, dated. Nov. 6, 2017 (21 pgs).

CPAP product description, <http://www.cpap.com/productpage/pr-amara-full-face-cpap-mask-gel-silicone-.html>, downloaded Jul. 28, 2016, 11 pages.

CPAPXCHANGE product image, <http://www.cpapxchange.com/cpap-masks-bipap-masks/bluegel-full-cushion-co-mfortgel-cpap-bipap-masks.jpg>, downloaded Jul. 28, 2016, 1 page.

DirectHome Medical product description, <http://www.directhomemedical.com/profilelite-gel-cpap-mask-philipsrespiro-nics.html#.VwXLIpkrLIU>, downloaded Jul. 28, 2016 6 pages.

European Examination Report issued in application 003933217-0001, dated May 16, 2017 (2 pgs).

European Supplementary Partial European Search Report for application No. 14818563.0, dated Jan. 30, 2017 (6 pages).

Extended European Search Report issued in application No. 14818563.0-1651 dated May 3, 2017 (12 pgs).

Indian Office Action issued in related Indian Design Patent Application Serial No. 272704, dated Aug. 28, 2015 (13 pgs).

InnoMed Technologies Hybrid mask product description, <http://innomedinc.com/hybrid/>, downloaded Jul. 28, 2016, 4 pages.

InnoMed Technologies Sylent mask product description, <http://innomedinc.com/sylent-ne-disposable-nasal-mask/>, downloaded Jul. 28, 2016, 2 pages.

International Preliminary Report on Patentability for Application No. PCT/US2016/037070, dated Dec. 12, 2017, 7 pages.

International Preliminary Report on Patentability issued in application No. PCT/US14/44934, dated Jan. 7, 2016 (12 pgs).

International Preliminary Report on Patentability issued in application No. PCT/US2015/044341, dated Mar. 2, 2017 (10 pgs).

International Preliminary Report on Patentability issued in application No. PCT/US2105/021323, dated Oct. 6, 2016 (8 pgs).

International Search Report and Written Opinion issued in application No. PCT/US2015/044341, dated Jan. 7, 2016 (13 pgs).

International Search Report and Written Opinion issued in application No. PCT/US2015/34277, dated Nov. 23, 2015 (16 pgs).

International Search Report and Written Opinion issued in application No. PCT/US2016/037070, dated Nov. 10, 2016 (11 pgs).

International Search Report and Written Opinion issued in application No. PCT/US2017/048046, dated Nov. 6, 2017 (11 pgs).

International Search Report issued in application No. PCT/US14/44934, dated Jan. 2, 2015 (16 pgs).

Invitation to Pay Additional Fees issued in application No. PCT/US14/44934, dated Oct. 24, 2014 (3 pgs).

Invitation to Pay Additional Fees issued in application No. PCT/US15/44341, dated Oct. 21, 2015 (2 pgs).

Israeli Notice of Allowance issued in application No. 57056 (no translation), dated May 29, 2016 (1 pg).

Israeli Office Action issued in application No. 57056 (w/translation of relevant portions), dated Nov. 1, 2015 (3 pgs).

Israeli Office Action issued in application No. 57850 (w/translation of relevant portions), dated Feb. 15, 2016 (3 pgs).

(56)

References Cited

OTHER PUBLICATIONS

Israeli Office Action issued in application No. 57850 (w/translation of relevant portions), dated Jul. 19, 2016 (3 pgs).

Israeli Office Action issued in application No. 57850 (w/translation of relevant portions), dated Jun. 30, 2016 (2 pgs).

Japanese Decision for Registration issued in application No. 2016-005262, dated Dec. 22, 2017 (4 pgs).

Japanese Decision for Registration issued in application No. 2016-005263, dated Dec. 22, 2017 (4 pgs).

Japanese Decision for Registration issued in application No. 2017-009813, dated Oct. 6, 2017 (2 pgs).

Japanese Decision for Registration issued in application on. 2016-006559, dated May 12, 2017 (w/ translation) (2 pgs).

Japanese Decision for Registration issued in application on. 2016-006560, dated May 12, 2017 (w/ translation) (2 pgs).

Japanese Office Action (w/translation) issued in application 2016-005262, dated Apr. 28, 2017 (7 pgs).

Japanese Office Action (w/translation) issued in application 2016-005263, dated Apr. 28, 2017 (7 pgs).

Japanese Office Action (w/translation) issued in application No. 2016-006559, dated Aug. 29, 2016 (3 pgs).

Japanese Office Action (w/translation) issued in application No. 2016-006560, dated Aug. 29, 2016 (3 pgs).

Japanese Office Action issued in application No. 2015-013148, dated Dec. 4, 2015 (3 pgs).

Japanese Office Action issued in application No. 2016-005262, dated Jun. 30, 2016 (1 pg).

Japanese Office Action issued in application No. 2016-005263, dated Jun. 30, 2016 (1 pg).

Japanese Office Action issued in application No. 2017-009813, dated Jul. 20, 2017 (3 pgs).

Korean Design of Registration issued in Korean related Application U.S. Appl. No. 30-2015-0029561, M001 (w/translation), dated Jun. 29, 2016 (3 pgs).

Korean Design of Registration issued in Korean related Application Serial No. 30-2015-0029561, M002 (w/translation), dated Jun. 27, 2016 (3 pgs).

Korean Office Action issued in application No. 30-2015-0029561, M001 (w/translation), dated Dec. 24, 2015 (12 pgs).

Korean Office Action issued in application No. 30-2015-0029561, M001 dated May 23, 2016 (2 pgs).

Korean Office Action issued in application No. 30-2015-0029561, M001, dated Jun. 9, 2016 (16 pgs).

Korean Office Action issued in application No. 30-2015-0029561, M002 (w/translation), dated Dec. 24, 2015 (7 pgs).

Korean Office Action issued in application No. 30-2015-0029561, M002 (w/translation), dated May 23, 2016 (6 pgs).

Korean Office Action issued in application No. 30-2015-0029561, M002, dated Jun. 9, 2016 (3 pgs).

Liang, Yafen et al., "Nasal Ventilation is More Effective than Combined Oral-Nasal Ventilation during Induction of General Anesthesia in Adult Subjects", *Anesthesiology* 2008, vol. 108, No. 6, Jun. 2008, pp. 998-1003.

Notice of Allowance (Corrected) issued in U.S. Appl. No. 15/288,973, dated Feb. 10, 2017 (16 pgs).

Notice of Allowance (Corrected) issued in U.S. Appl. No. 15/288,973, dated Mar. 10, 2017 (9 pgs).

Notice of Allowance (Corrected) issued in U.S. Appl. No. 15/288,973, dated Mar. 24, 2017 (9 pgs).

Notice of Allowance issued in U.S. Appl. No. 15/288,973, dated Feb. 1, 2017 (25 pgs).

Notice of Decision of Registration for Design issued in Korean Design Application 30-20016-0014111, dated Dec. 13, 2016 (3 pages with translation).

Office Action issued in related Design U.S. Appl. No. 29/520,420, dated Aug. 11, 2016 (18 pgs).

Office Action issued in U.S. Appl. No. 15/272,074, dated Apr. 19, 2017 (54 pgs).

Office Action issued in U.S. Appl. No. 15/272,074, dated Jul. 31, 2017 (34 pgs).

Office Action issued in U.S. Appl. No. 15/272,074, dated Sep. 13, 2017 (5 pgs).

Office Action issued in U.S. Appl. No. 15/272,160, dated Apr. 24, 2017 (39 pgs).

Office Action issued in U.S. Appl. No. 15/272,160, dated Dec. 15, 2017 (34 pgs).

Office Action issued in U.S. Appl. No. 15/272,160, dated Jan. 4, 2017 (31 pgs).

Office Action issued in U.S. Appl. No. 15/272,190, dated Dec. 28, 2017 (22 pgs).

Office Action issued in U.S. Appl. No. 15/272,190, dated Jan. 30, 2017 (32 pgs).

Office Action issued in U.S. Appl. No. 15/272,190, dated May 23, 2017 (36 pgs).

Office Action issued in U.S. Appl. No. 15/272,190, dated Jun. 21, 2017 (7 pgs).

Office Action issued in U.S. Appl. No. 15/288,973, dated Dec. 14, 2016 (21 pgs).

Office Action issued in U.S. Appl. No. 29/520,420, dated Apr. 7, 2017 (3 pgs).

Office Action issued in U.S. Appl. No. 29/520,420, dated Dec. 8, 2017 (5 pgs).

Office Action issued in U.S. Appl. No. 29/520,420, dated Feb. 24, 2017 (14 pgs).

Office Action issued in U.S. Appl. No. 29/520,420, dated Jun. 15, 2017 (12 pgs).

Office Action issued in U.S. Appl. No. 29/530,124 dated Aug. 9, 2017 (11 pgs).

Office Action issued in U.S. Appl. No. 29/530,124, dated Apr. 19, 2017 (6 pgs).

Office Action issued in U.S. Appl. No. 29/530,124, dated Aug. 12, 2016 (17 pgs).

Office Action issued in U.S. Appl. No. 29/530,124, dated Aug. 30, 2017 (3 pgs).

Office Action issued in U.S. Appl. No. 29/530,124, dated Feb. 28, 2017 (16 pgs).

Office Action issued in U.S. Appl. No. 29/530,124, dated Jun. 21, 2017 (14 pgs).

Office Action issued in U.S. Appl. No. 29/530,124, dated Nov. 29, 2017 (31 pgs).

Preliminary Report on Patentability issued in application No. PCT/US2015/034277, dated Dec. 15, 2016 (11 pgs).

Singapore Invitation to Respond to Written Opinion issued in application No. 11201610048P, dated Sep. 19, 2017 (16 pgs).

Singapore Invitation to Respond to Written Opinion issued in application No. 11201701253U, dated Nov. 8, 2017 (12 pgs).

Singapore Search Report issued in application 11201510589, dated Jan. 31, 2017 (11 pgs).

Sleep Medicine Solutions product description, <http://sleepmedicinesolutions.net.au/cpap-spare-parts/26-fisher-paykel-ze-st-foams.html>, downloaded Jul. 28, 2016, 2 pages.

Sleepnet homepage, <https://web.archive.org/web/20111031122613/http://www.sleepnetmasks.com/>, downloaded Jul. 28, 2016, 4 pages.

U.S. Appl. No. 14/901,647, filed Dec. 28, 2015.

U.S. Appl. No. 15/127,758, filed Sep. 20, 2016.

U.S. Appl. No. 15/127,759, filed Sep. 20, 2016.

U.S. Appl. No. 15/127,760, filed Sep. 20, 2016.

U.S. Appl. No. 15/217,753, filed Jul. 22, 2016.

U.S. Appl. No. 15/272,074, filed Sep. 21, 2016.

U.S. Appl. No. 15/272,160, filed Sep. 21, 2016.

U.S. Appl. No. 15/272,190, filed Sep. 21, 2016.

U.S. Appl. No. 15/288,973, filed Oct. 7, 2016.

U.S. Appl. No. 15/510,469, filed Mar. 10, 2017.

U.S. Appl. No. 29/511,716, filed Dec. 12, 2014.

U.S. Appl. No. 29/520,420, filed Mar. 13, 2015.

U.S. Appl. No. 29/530,124, filed Jun. 12, 2015.

* cited by examiner

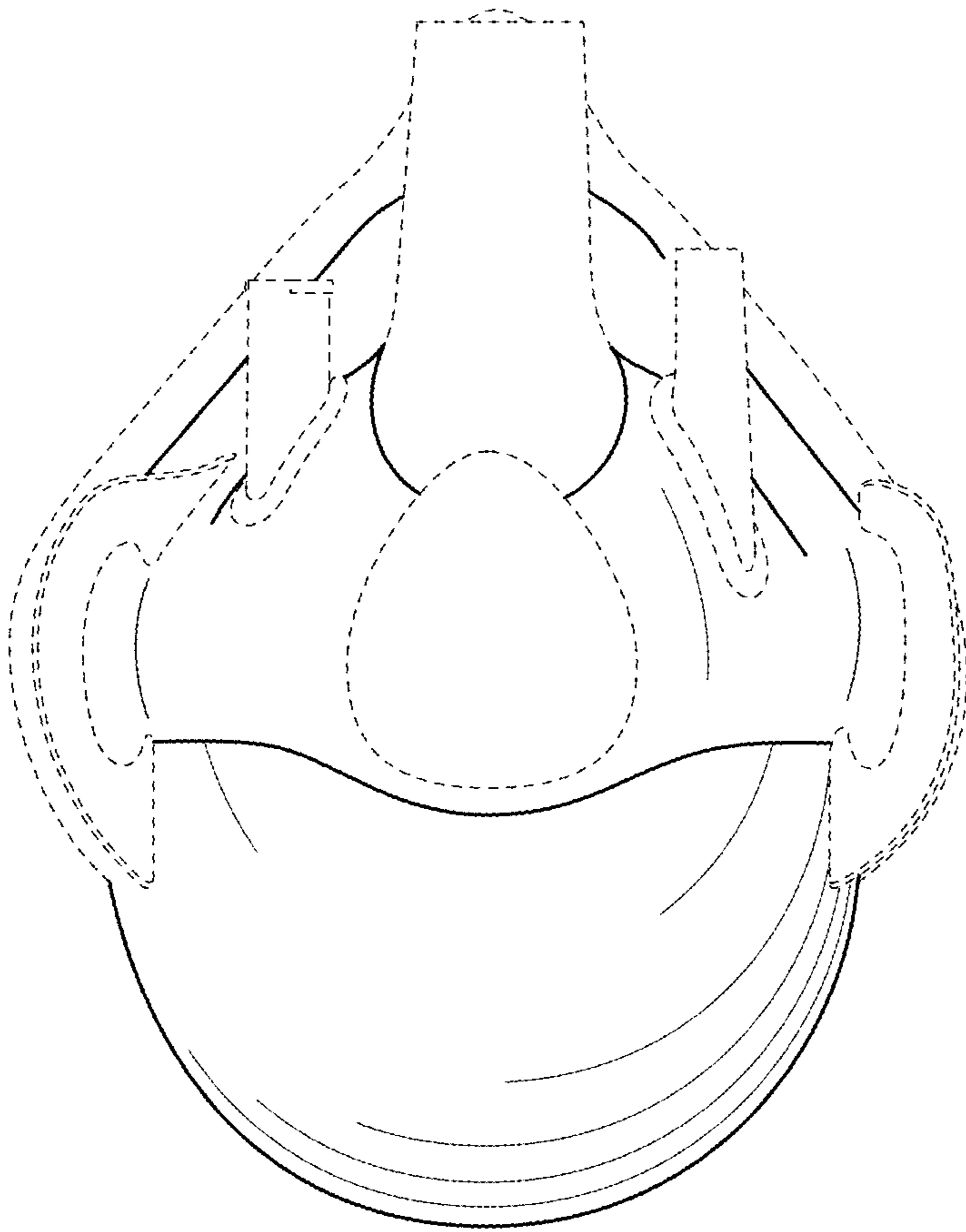


FIG. 1

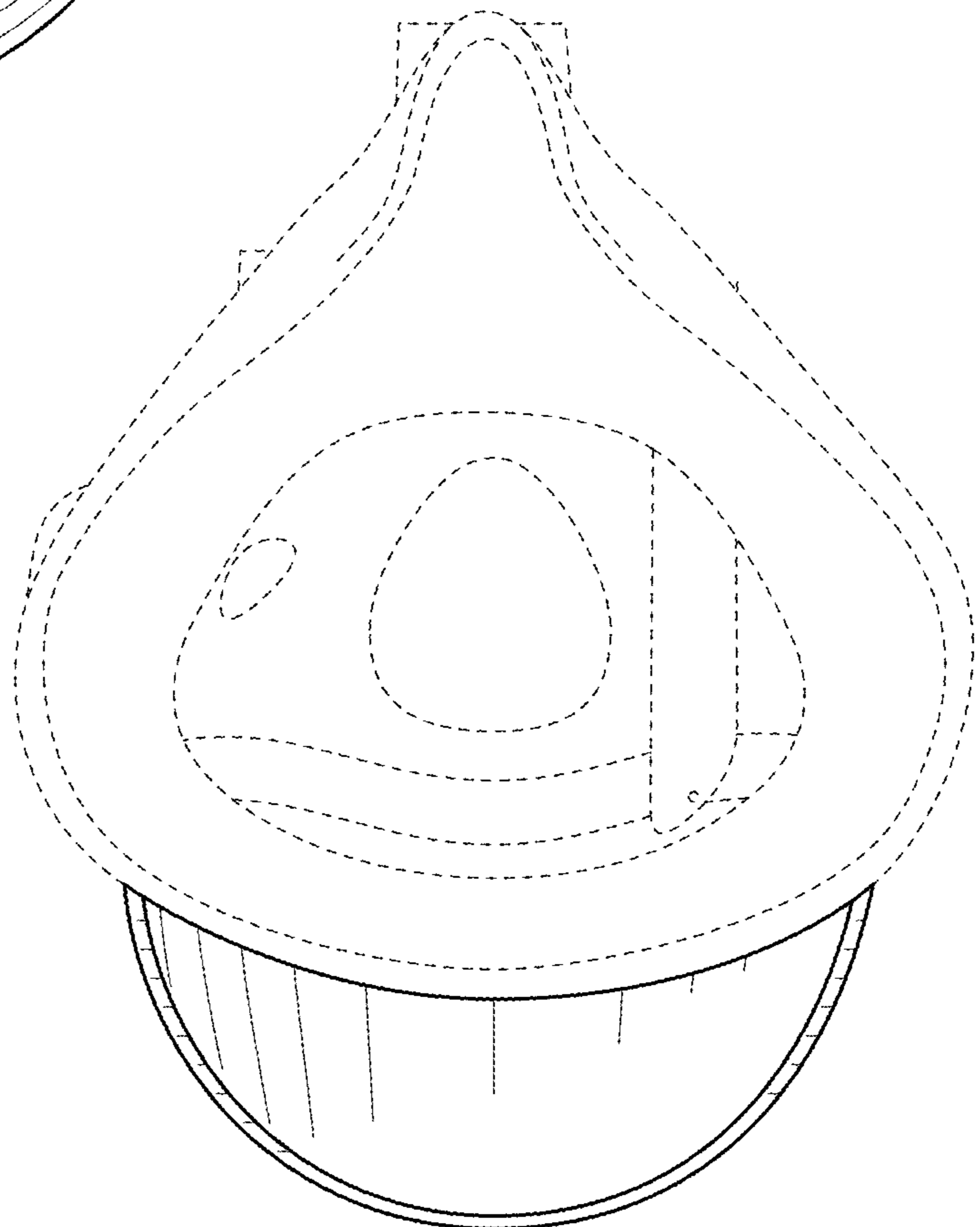


FIG. 2

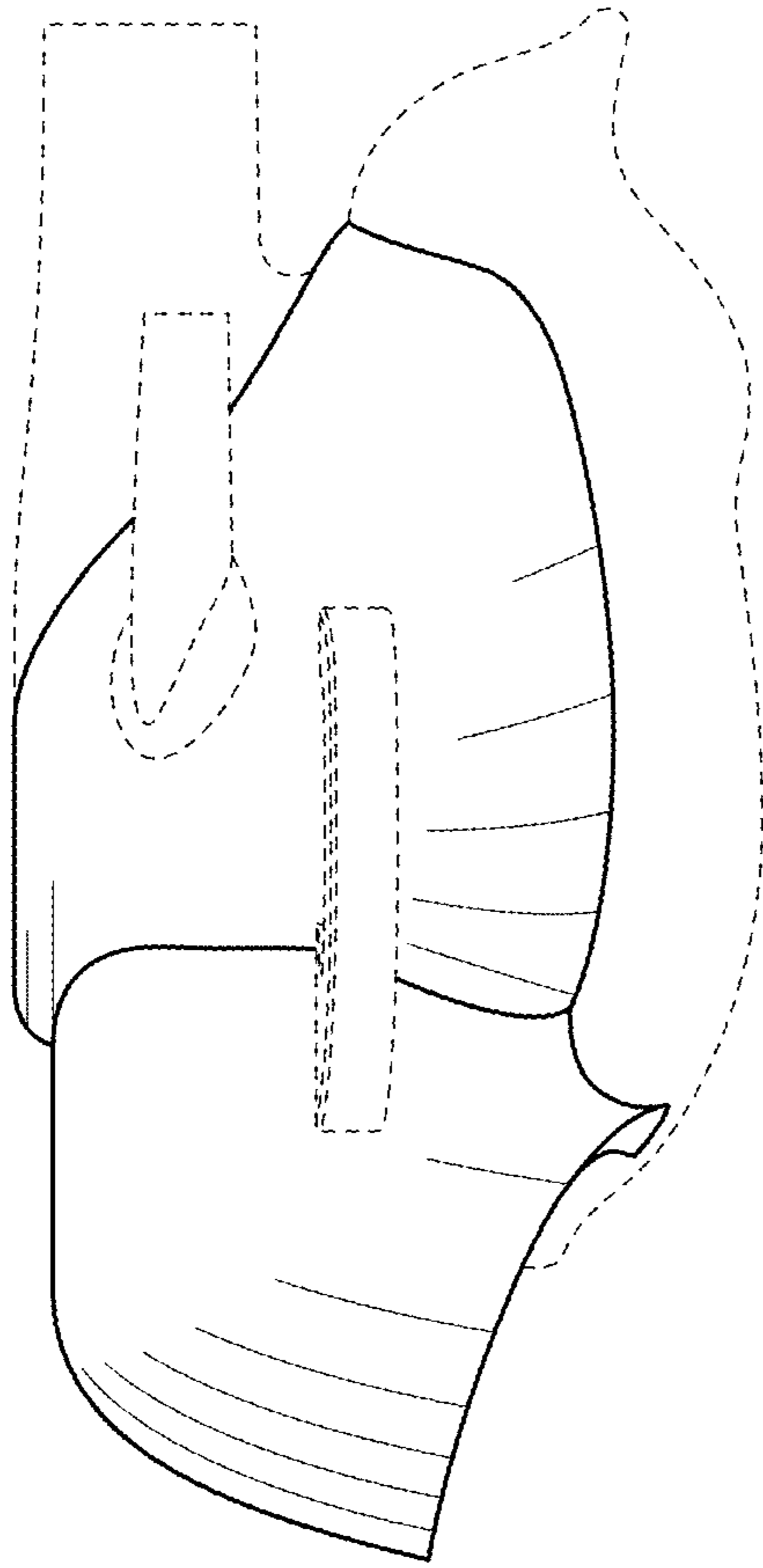


FIG. 3

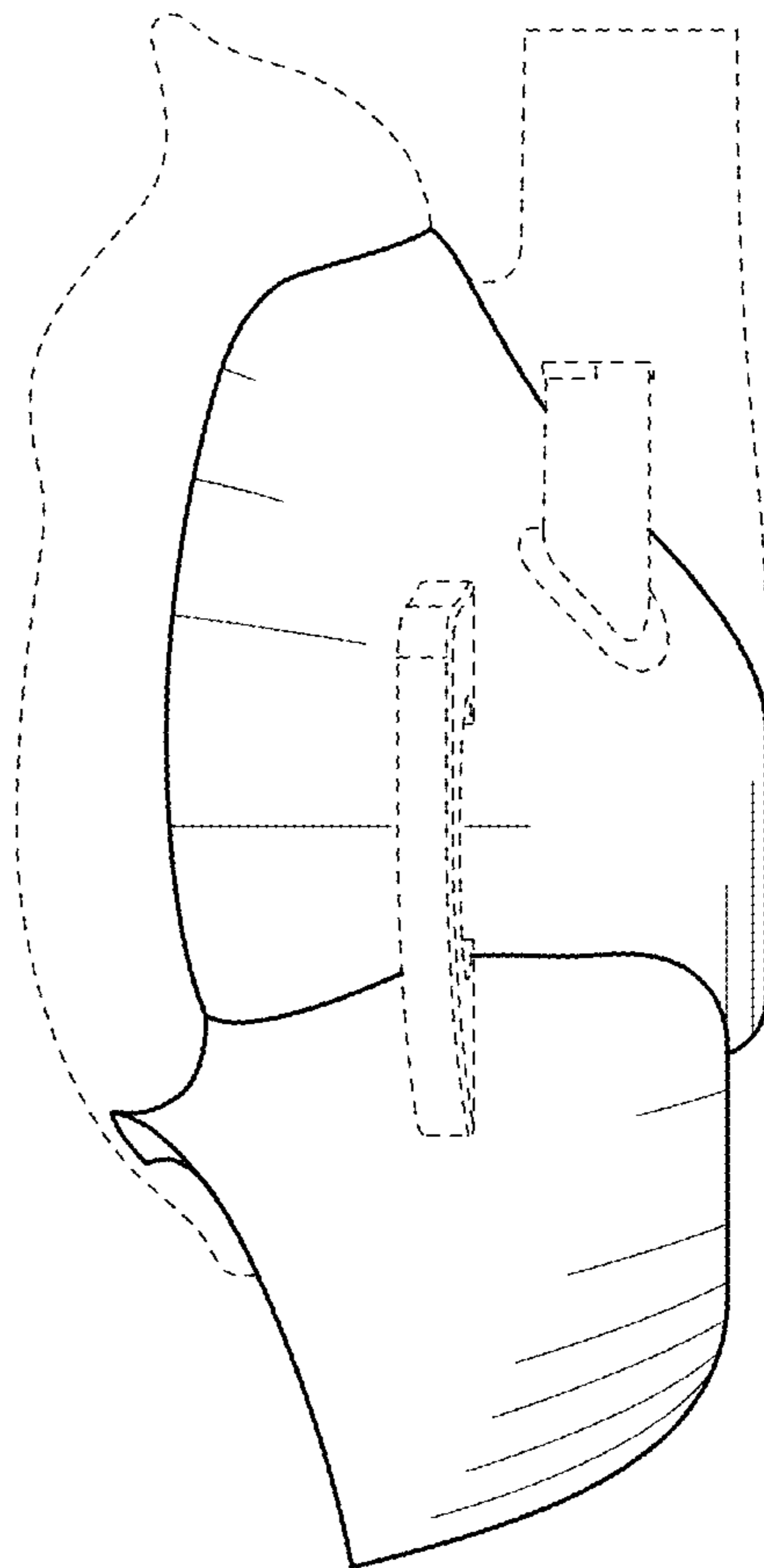


FIG. 4

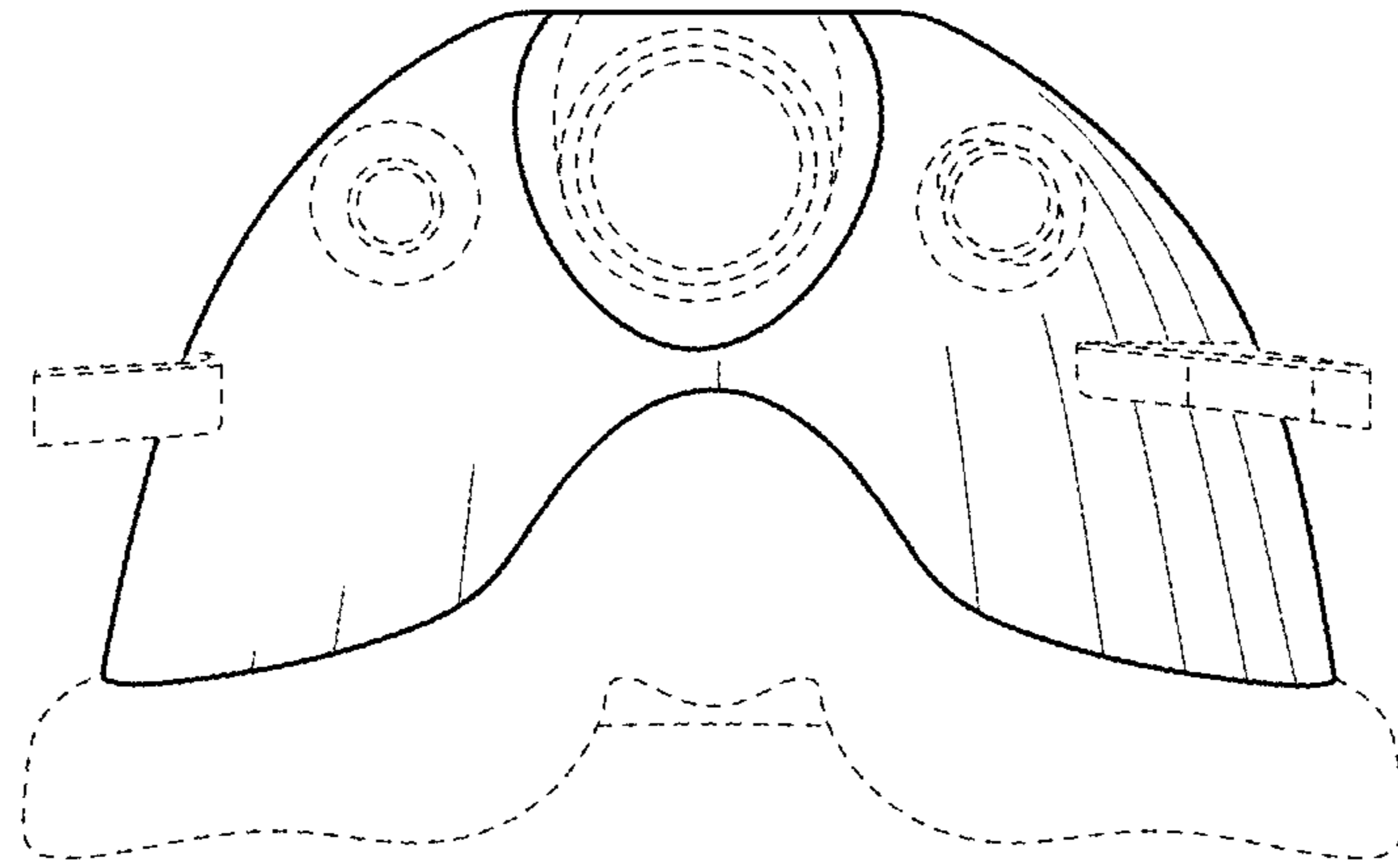


FIG. 5

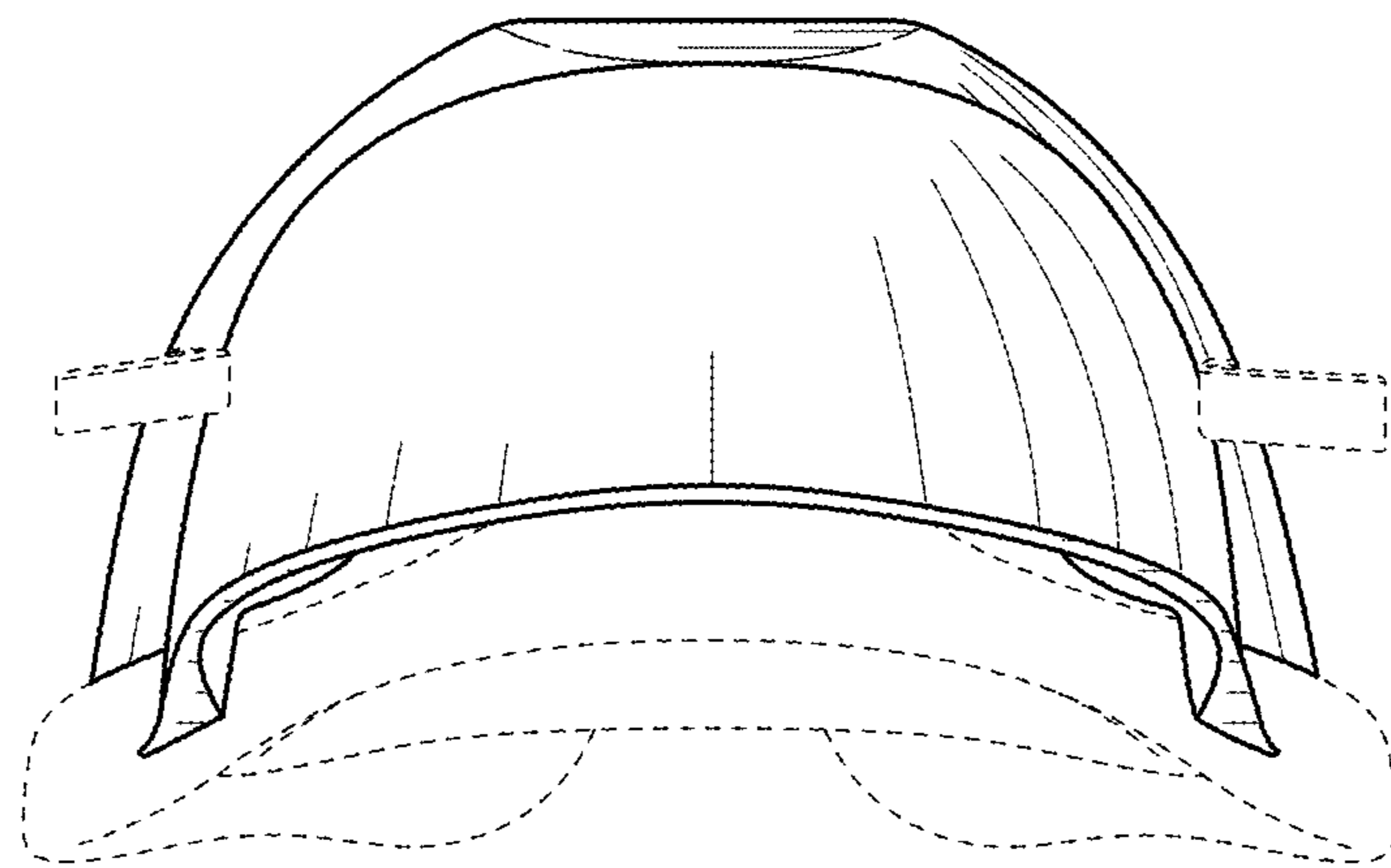


FIG. 6

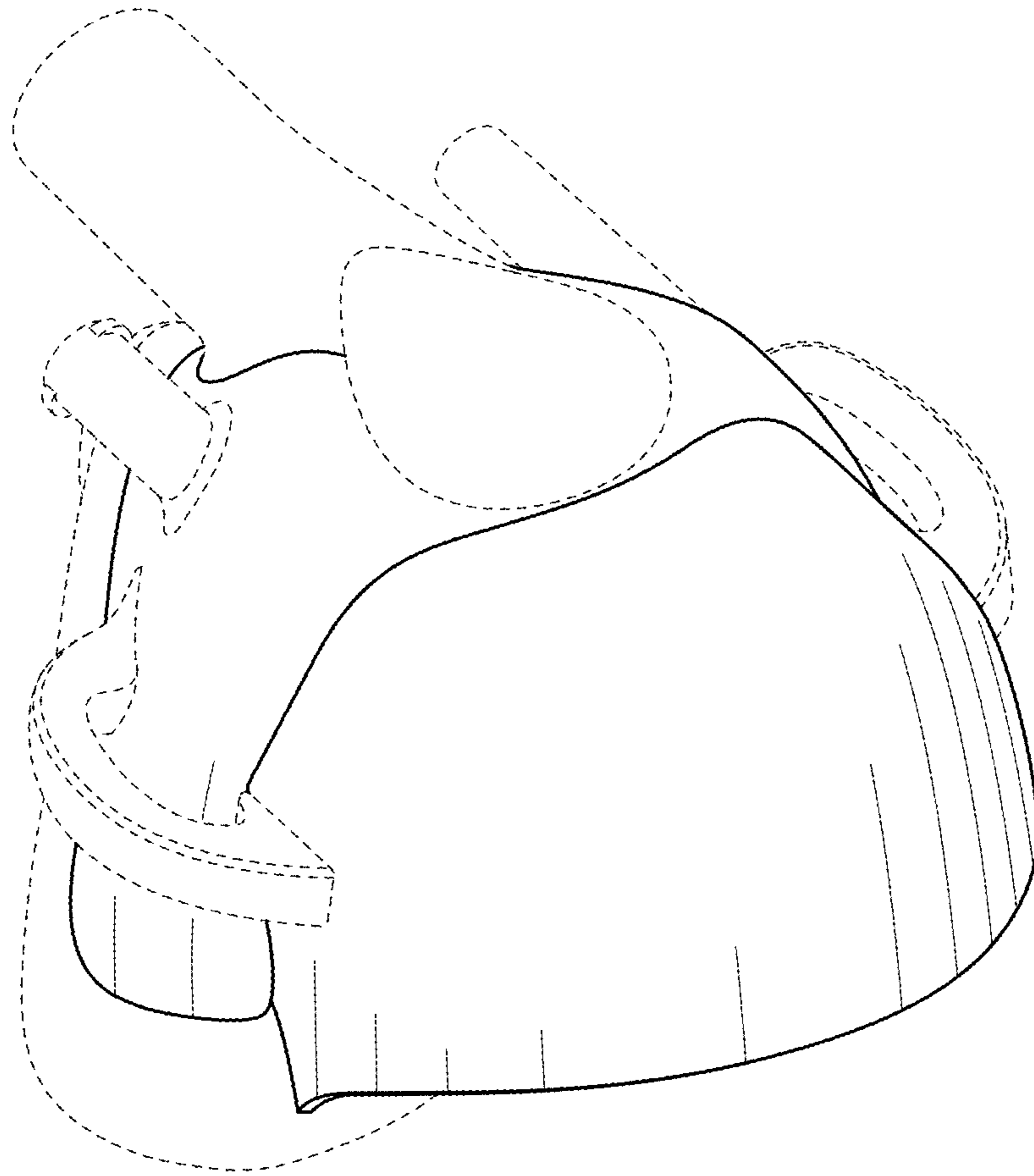


FIG. 7