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(12) **United States Design Patent** (10) **Patent No.:** **US D893,806 S**
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(54) **MASK AND SHROUD**

OTHER PUBLICATIONS

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US 9,433,822 B1, 09/2016, Danford (withdrawn)

(Continued)

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

(57) **CLAIM**

(21) Appl. No.: **29/669,689**

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

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(51) **LOC (12) Cl.** **29-02**

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

USPC **D29/108; D24/110.1**

(58) **Field of Classification Search**

USPC D29/108, 105–106; D24/110.1; D2/500, D2/600

CPC A42B 3/18; A63B 71/08; A41D 13/11; A41D 13/1176

See application file for complete search history.

DESCRIPTION

FIG. 1 is a front view of a mask and shroud in a longitudinally and circumferentially expanded configuration; FIG. 2 is a left side view thereof, with the right side view being a mirror image; FIG. 3 is a top plan view thereof; FIG. 4 is rear view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a perspective view thereof; FIG. 7 is a front view thereof of the mask and shroud of FIG. 1, shown compressed in a scrunched configuration; FIG. 8 is a left side view thereof, with the right side view being a mirror image; FIG. 9 is a top plan view thereof; FIG. 10 is rear view thereof; FIG. 11 is a bottom plan view thereof; and, FIG. 12 is a perspective view thereof. The broken lines shown in FIG. 7 depicting a human head are for environmental purposes only and form no part of the claimed design. The broken lines showing the drawstring, loops and valve in FIGS. 1-12 depict portions of the mask and shroud that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

511,780 A 1/1894 Kaplan
669,098 A 3/1901 Overshiner
2,888,012 A 5/1959 Larson
3,097,642 A 7/1963 Russell
3,850,171 A 11/1974 Ball et al.
3,884,223 A 5/1975 Keindl
3,889,671 A 6/1975 Baker
D239,218 S 3/1976 Fortson
4,881,540 A 11/1989 Vigilia

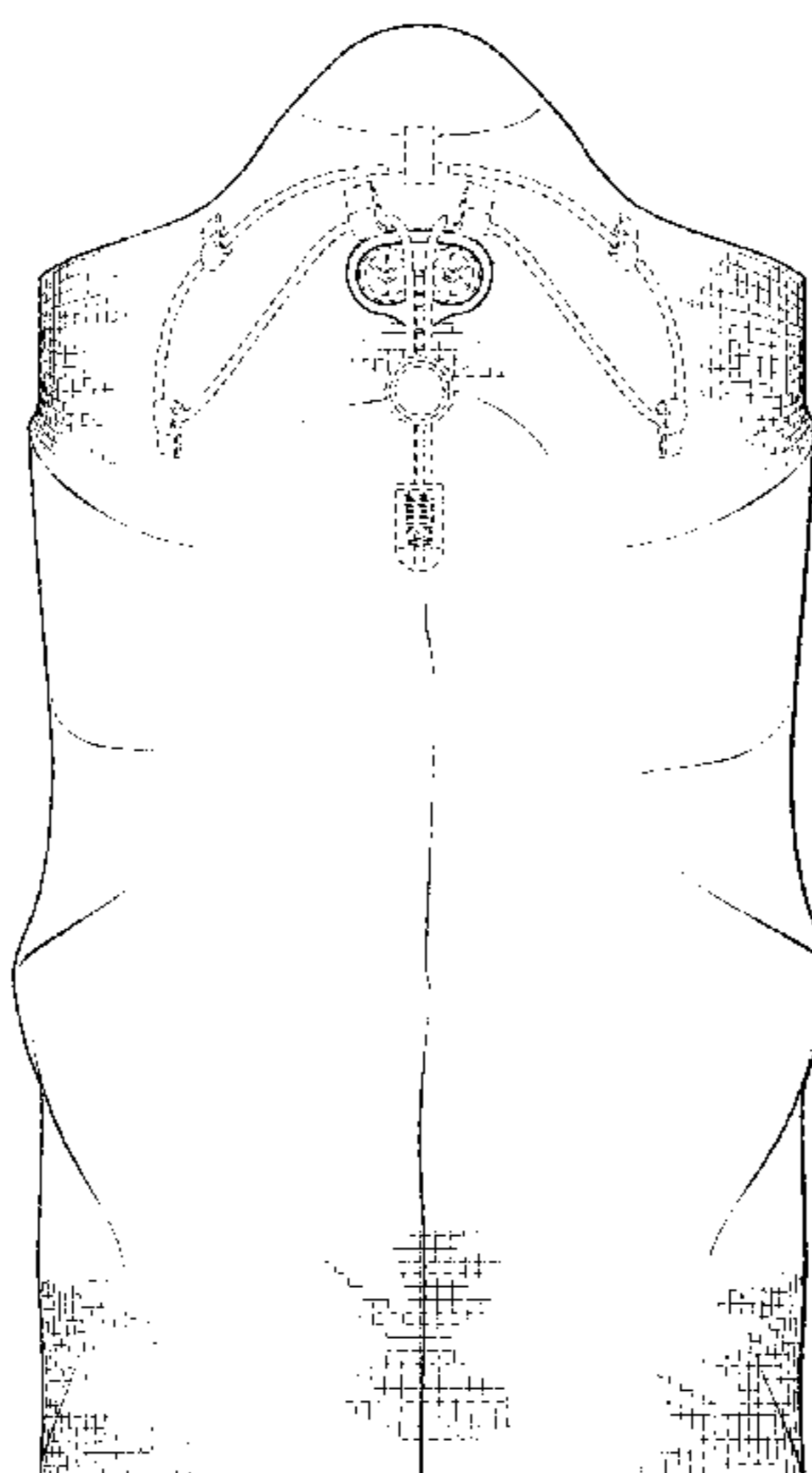
(Continued)

FOREIGN PATENT DOCUMENTS

CN 103405836 11/2013
EP 0921807 6/1999

(Continued)

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D311,261 S	10/1990	Avey	8,985,116 B2	3/2015	Doshi et al.
4,974,829 A	12/1990	Gamow et al.	D726,970 S	4/2015	Martin
5,056,756 A	10/1991	Norkey et al.	D729,457 S	5/2015	Kim
D331,300 S	11/1992	Fountain	9,066,933 B2	6/2015	Wong et al.
5,101,819 A	11/1992	Lane	9,067,086 B2	6/2015	Danford
5,425,359 A	6/1995	Liou	9,192,796 B2	11/2015	Patil et al.
D369,442 S	4/1996	Jones	9,238,113 B2	1/2016	Loomas et al.
RE35,339 E	10/1996	Rapoport	D751,768 S	3/2016	Kim
5,598,839 A	2/1997	Niles et al.	9,284,287 B1	3/2016	Kandula
5,628,308 A	5/1997	Harges, Jr. et al.	9,309,286 B2	4/2016	Kayyali
5,645,049 A	7/1997	Foley et al.	9,326,885 B2	5/2016	Robitaille
5,730,122 A	3/1998	Lurie	9,333,318 B2	5/2016	Cragg et al.
5,848,589 A	12/1998	Welnetz	D758,703 S	6/2016	Shehadeh
6,029,667 A	2/2000	Lurie	9,403,826 B2	8/2016	Kandula
D434,879 S	12/2000	Cole	D767,115 S	9/2016	Mingo
6,338,340 B1	1/2002	Finch et al.	D767,755 S *	9/2016	D'Souza D24/110.4
D455,236 S	4/2002	Gatton	D777,380 S	1/2017	Win
6,478,026 B1	11/2002	Wood	9,573,885 B2	2/2017	Pelletier et al.
6,511,964 B2	1/2003	Butler et al.	9,579,540 B1	2/2017	Danford
6,557,549 B2	5/2003	Schmidt et al.	D784,660 S	4/2017	Garcia
6,626,179 B1	9/2003	Pedley	9,615,962 B2	4/2017	Robitaille
6,722,360 B2	4/2004	Doshi	9,643,048 B1	5/2017	Danford
D510,652 S *	10/2005	Edwards D2/600	9,707,444 B1	7/2017	Danford
6,964,638 B2	11/2005	Theodoracopulos et al.	9,802,079 B1	10/2017	Danford
7,013,896 B2	3/2006	Schmidt	D803,482 S	11/2017	Greenblat
D518,625 S	4/2006	Barnhouse	D811,581 S	2/2018	Danford
D531,385 S	11/2006	Lund	D833,682 S	11/2018	Greenblat
7,188,374 B2	3/2007	Carey	D839,484 S	1/2019	Chase
7,261,104 B2	8/2007	Kiefer et al.	D842,591 S	3/2019	Greenblat
7,334,581 B2	2/2008	Doshi	D843,692 S	3/2019	Greenblat
D569,079 S	5/2008	Whong	D843,693 S	3/2019	Greenblat
7,506,649 B2	3/2009	Doshi et al.	D844,301 S	4/2019	Greenblat
7,559,327 B2	7/2009	Hernandez	D850,760 S	6/2019	Greenblat
D604,910 S	11/2009	Smaller	D874,064 S	1/2020	Costella et al.
7,735,491 B2	6/2010	Doshi et al.	2003/0121520 A1	7/2003	Parker et al.
7,735,492 B2	6/2010	Doshi et al.	2003/0170377 A1	9/2003	Hammel
7,798,148 B2	9/2010	Doshi et al.	2005/0098183 A1	5/2005	Nash et al.
7,806,120 B2	10/2010	Loomas et al.	2006/0085881 A1	4/2006	Gellis
7,856,979 B2	12/2010	Doshi et al.	2006/0130213 A1	6/2006	Mickle
D636,128 S	4/2011	Hancock	2006/0254592 A1	11/2006	Anders et al.
D638,170 S	5/2011	Chen	2008/0083410 A1	4/2008	Resnick
7,987,852 B2	8/2011	Doshi et al.	2008/0142015 A1	6/2008	Groll
7,992,563 B2	8/2011	Doshi et al.	2008/0223370 A1	9/2008	Kim
7,992,564 B2	8/2011	Doshi et al.	2008/0245370 A1	10/2008	Kobziar et al.
8,020,700 B2	9/2011	Doshi et al.	2009/0131490 A1	5/2009	Swenson
8,026,077 B2	9/2011	Madden	2009/0178176 A1	7/2009	Rowe
8,061,357 B2	11/2011	Pierce et al.	2009/0194100 A1	8/2009	Minagi
D656,706 S	4/2012	Chueng-Chi	2009/0298747 A1	12/2009	Shapiro
D657,917 S	4/2012	Chen	2010/0043788 A1	2/2010	Fine et al.
8,215,308 B2	7/2012	Doshi et al.	2010/0326433 A1	12/2010	Williams
8,225,428 B2	7/2012	Grilliot	2011/0005530 A1	1/2011	Doshi et al.
D665,536 S	8/2012	Jenke	2011/0100369 A1	5/2011	Zhang et al.
D666,364 S	8/2012	Votel	2012/0088776 A1	4/2012	Supuran et al.
8,235,046 B2	8/2012	Doshi et al.	2012/0201906 A1	8/2012	Reynolds et al.
8,240,309 B2	8/2012	Doshi et al.	2013/0081637 A1	4/2013	Foley et al.
D670,037 S	10/2012	Chen	2013/0131028 A1	5/2013	Snyder et al.
D670,038 S	10/2012	Andrews	2013/0152930 A1 *	6/2013	Votel A61M 16/1045 128/204.17
8,281,557 B2	10/2012	Doshi et al.	2013/0325498 A1	12/2013	Muza, Jr. et al.
8,291,909 B2	10/2012	Doshi et al.	2014/0096768 A1	4/2014	Lee
D671,688 S	11/2012	Sullivan, II	2014/0134191 A1	5/2014	Weidanz et al.
8,302,606 B2	11/2012	Doshi et al.	2014/0246024 A1	9/2014	Cragg et al.
8,302,607 B2	11/2012	Pierce et al.	2014/0246025 A1	9/2014	Cragg et al.
8,327,849 B2	12/2012	Foley et al.	2014/0283837 A1	9/2014	Turrisi
8,365,736 B2	2/2013	Doshi et al.	2014/0345623 A1	11/2014	Pierce et al.
D681,881 S	5/2013	Pong	2015/0087660 A1	3/2015	Kandula
8,475,340 B2	7/2013	Maybaum	2015/0225460 A1	8/2015	Fischer et al.
8,590,533 B2	11/2013	Danford	2015/0231443 A1	8/2015	Halliday
D698,498 S *	1/2014	Fleming D29/108	2015/0267695 A1	9/2015	Marsh
D699,018 S *	2/2014	Shehadeh D2/600	2016/0128863 A1	5/2016	Loomas et al.
8,646,449 B2	2/2014	Bowsher	2016/0129286 A1	5/2016	Danford
D702,401 S	4/2014	Phillips	2016/0129287 A1	5/2016	Danford
8,690,750 B2	4/2014	Krueger	2016/0143770 A1	5/2016	Vezina et al.
8,707,955 B2	8/2014	Doshi	2016/0361067 A9	12/2016	Cline et al.
8,875,711 B2	11/2014	Sather et al.	2017/0042909 A1	2/2017	Yin et al.
D723,245 S	3/2015	Womack	2017/0043115 A1	2/2017	Murphy et al.
			2017/0065791 A1	3/2017	Nussbaum et al.
			2017/0144000 A1	5/2017	Danford
			2017/0173281 A1	6/2017	Engelbreth et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0196280 A1 7/2017 Murphy
2017/0274246 A1 9/2017 Danford
2018/0264294 A1* 9/2018 Hancock A41D 13/1138

FOREIGN PATENT DOCUMENTS

EP	1247525	10/2002
EP	1503768	2/2005
EP	2866824	5/2015
EP	2937089	10/2015
EP	3141542	3/2017
WO	WO2004/014352	2/2004
WO	WO2009/009829	1/2009
WO	WO2009/139925	11/2009
WO	WO2010/021941	2/2010
WO	WO2012/003390	1/2012
WO	WO2012/144938	10/2012
WO	WO2013/167994	11/2013
WO	WO2014/180239	11/2014
WO	WO2015/106678	7/2015
WO	WO2015/140125	9/2015
WO	WO2016/134032	8/2016
WO	WO2016/191791	12/2016
WO	WO2016/203400	12/2016
WO	WO2016/203401	12/2016
WO	WO2017/020068	2/2017

OTHER PUBLICATIONS

International Search Report and Written Opinion for International Application No. PCT/IB2018/053527 dated Sep. 5, 2018 (13 pages).

* cited by examiner

FIG. 1

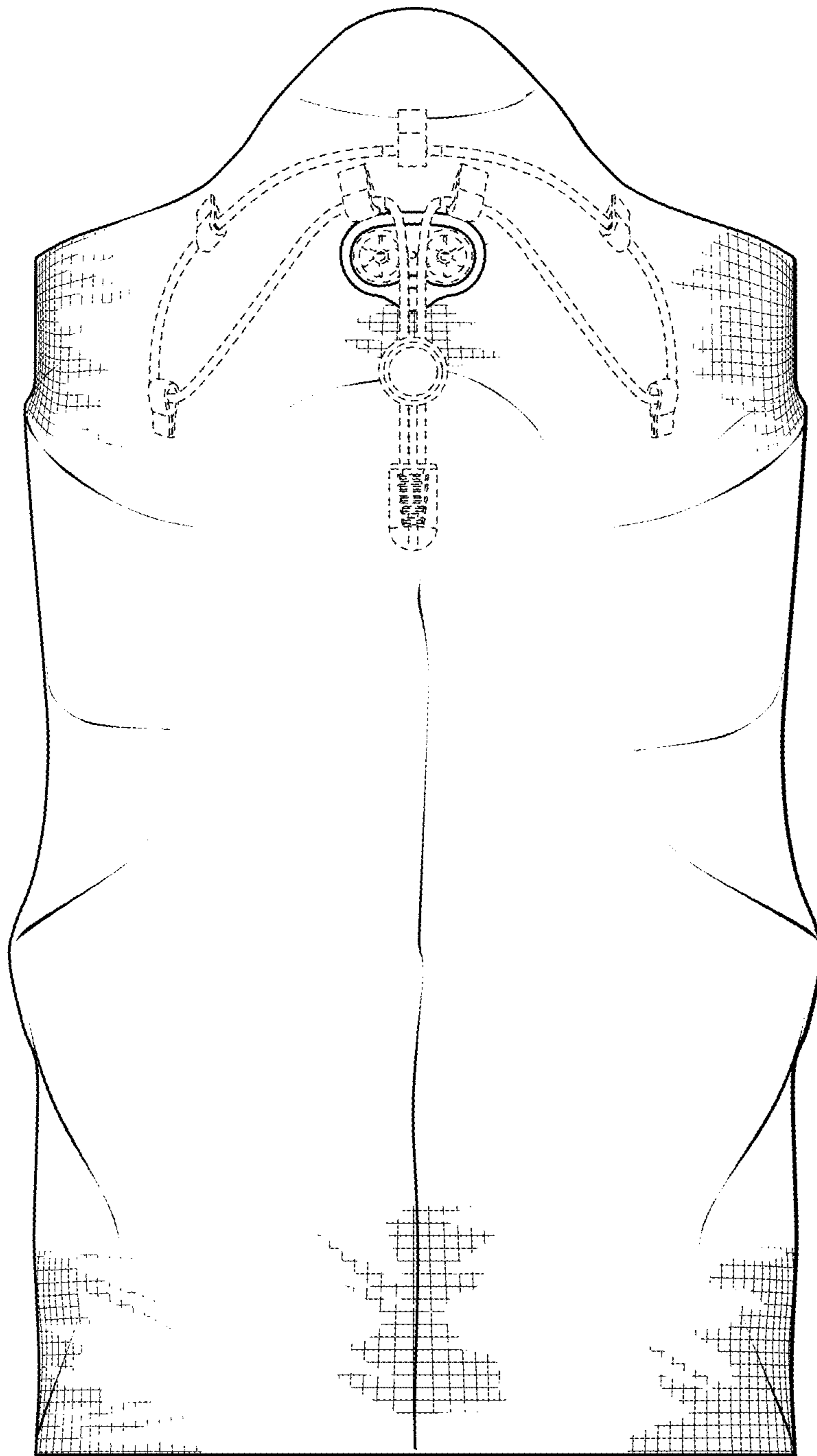


FIG. 2

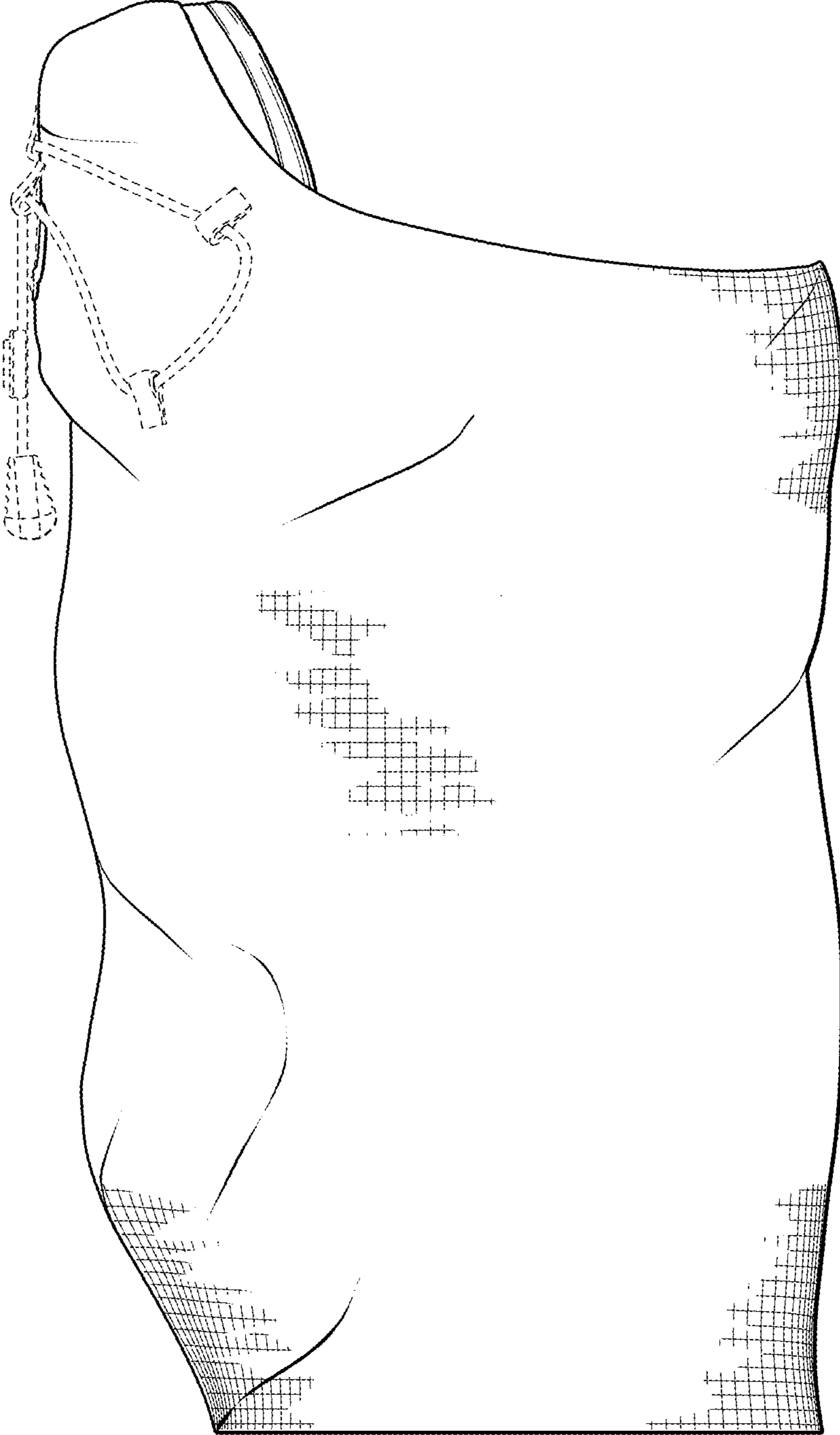


FIG. 3

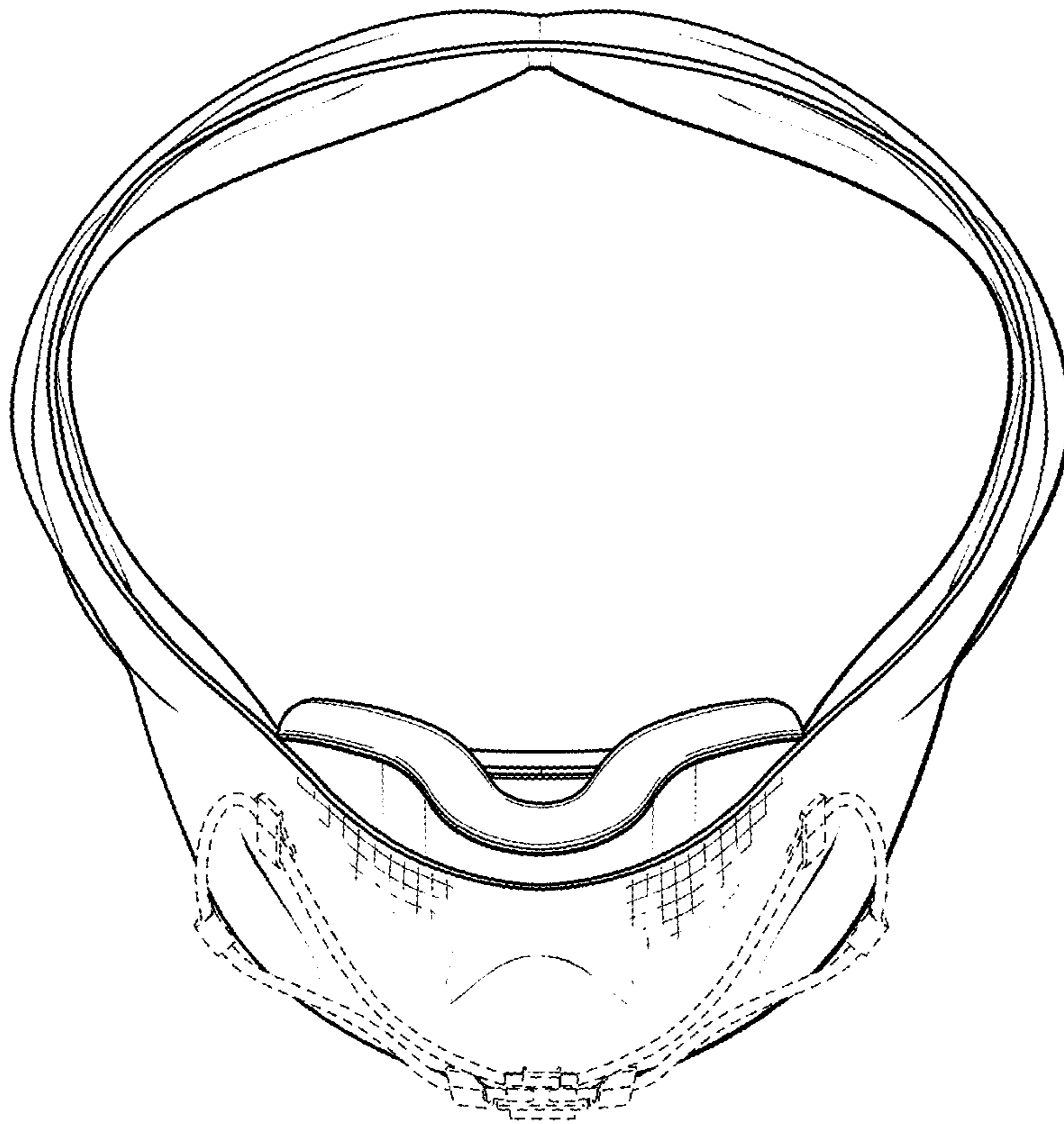


FIG. 4

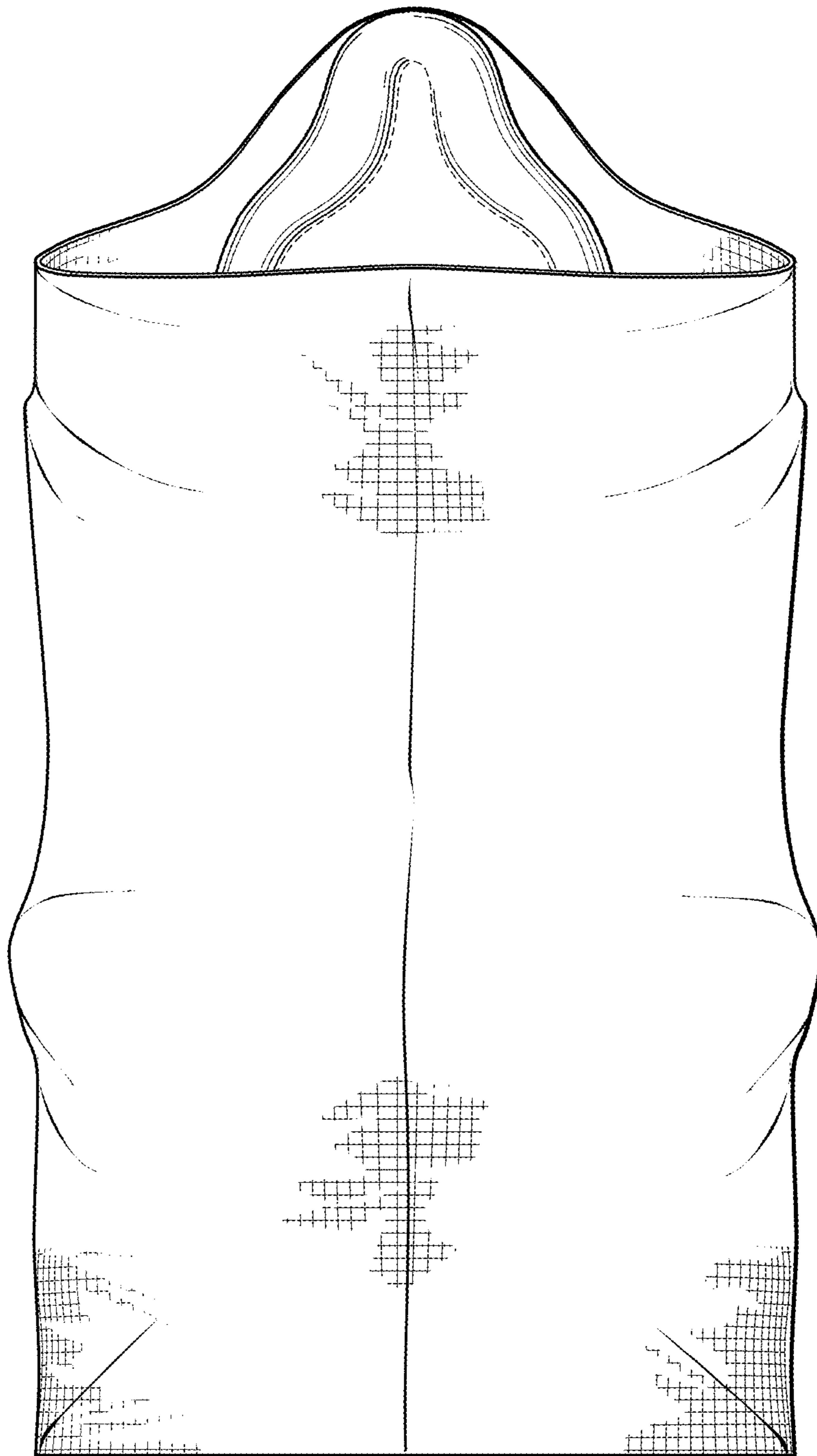


FIG. 5

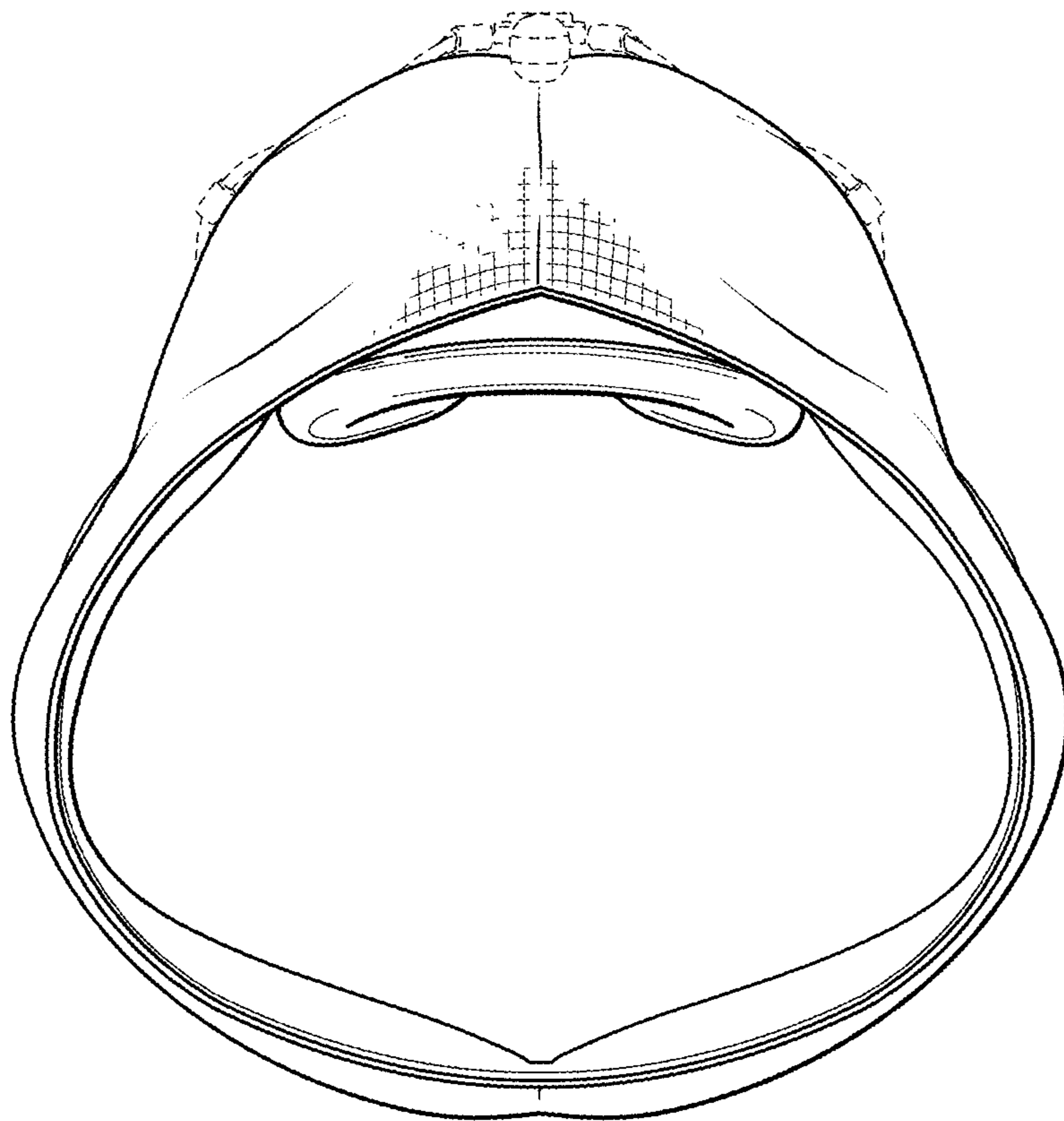


FIG. 6

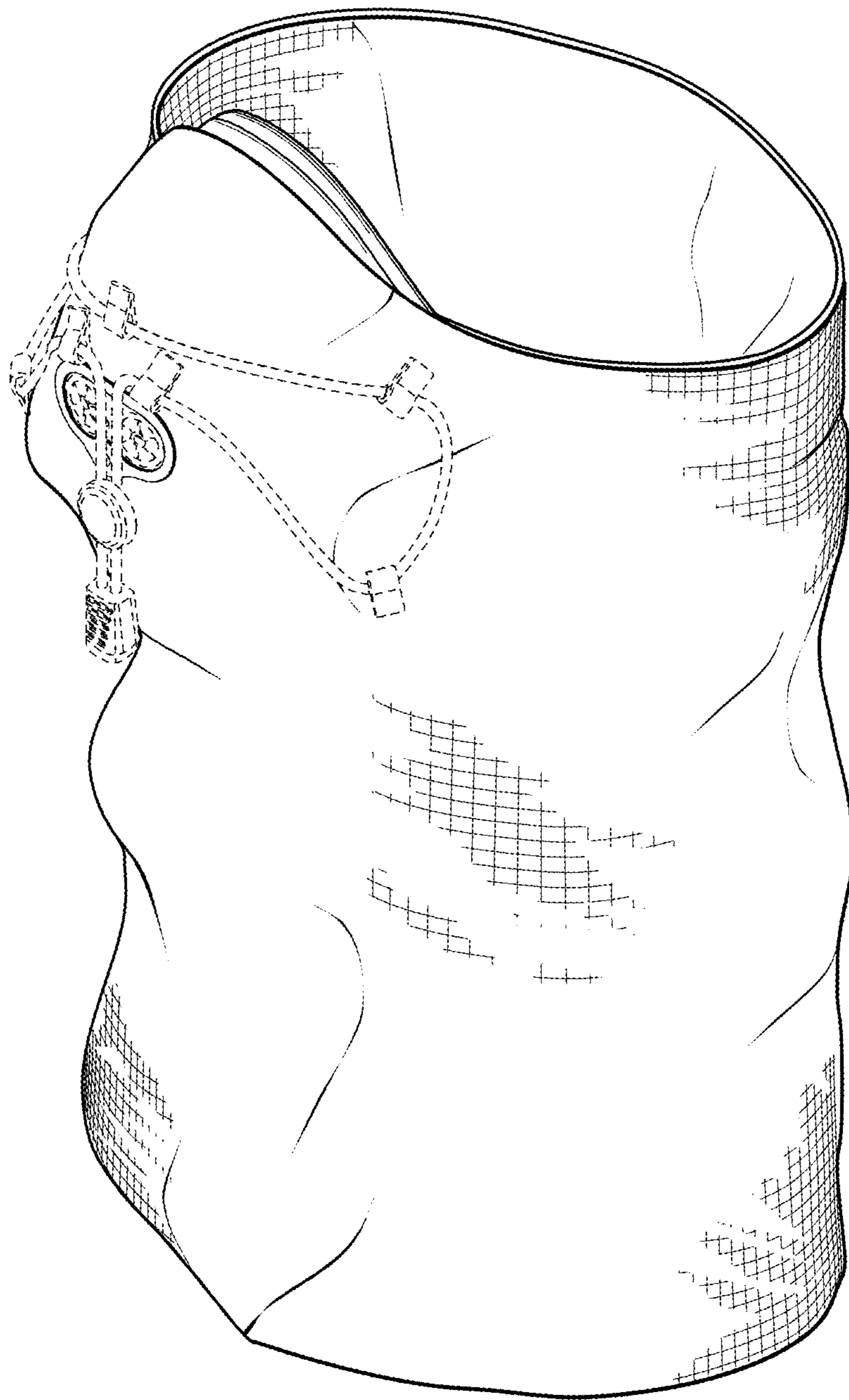


FIG. 7

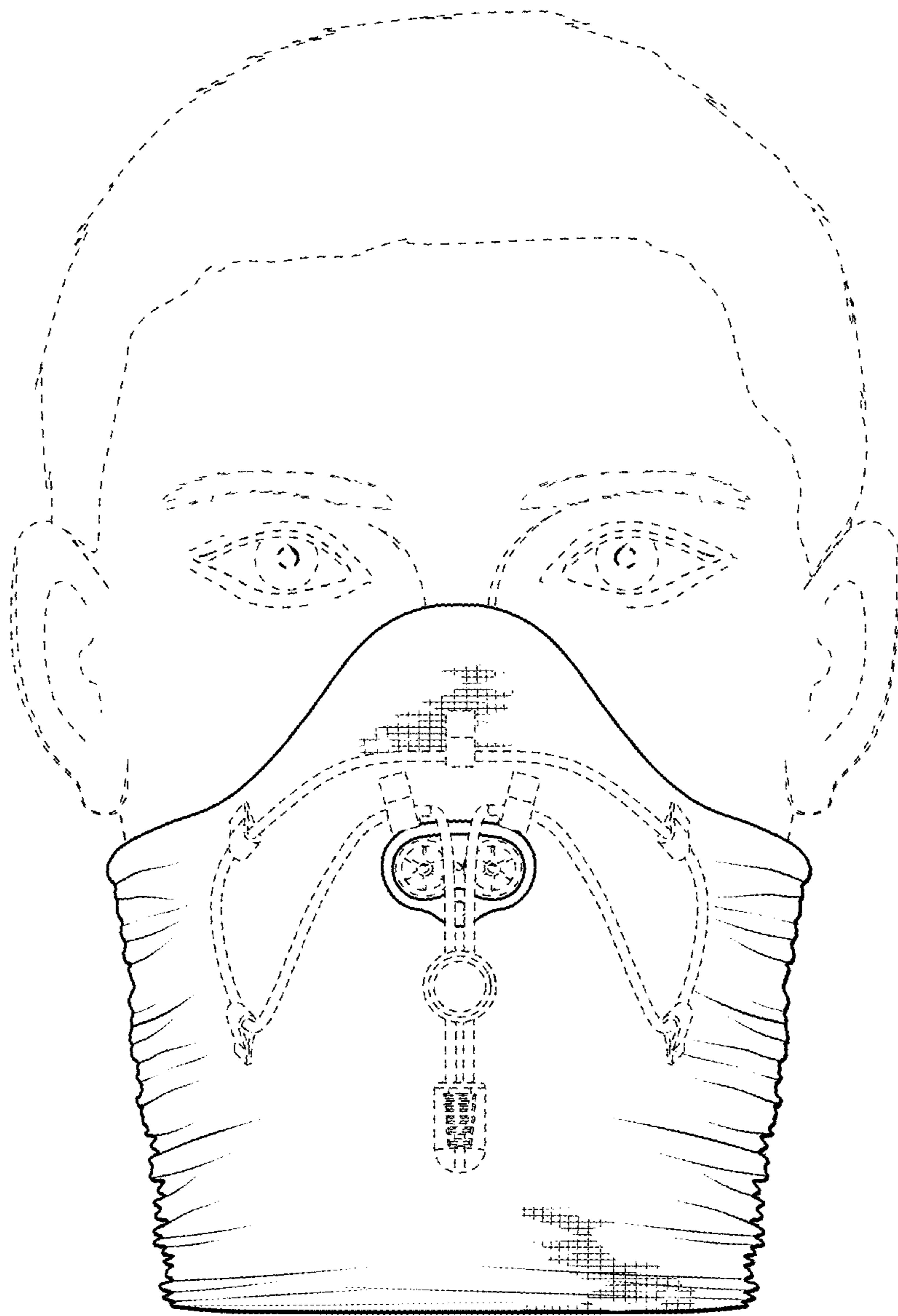


FIG. 8

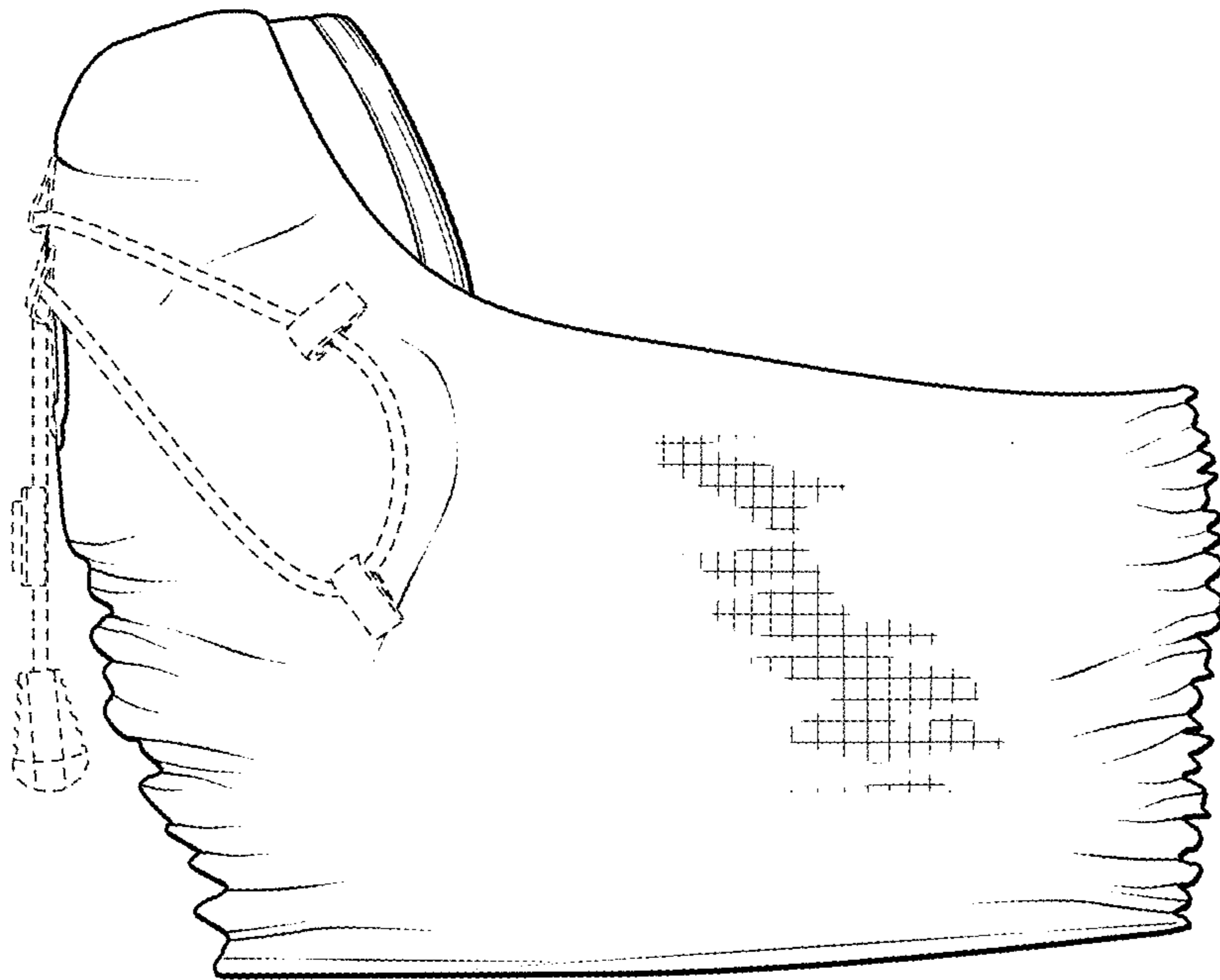


FIG. 9

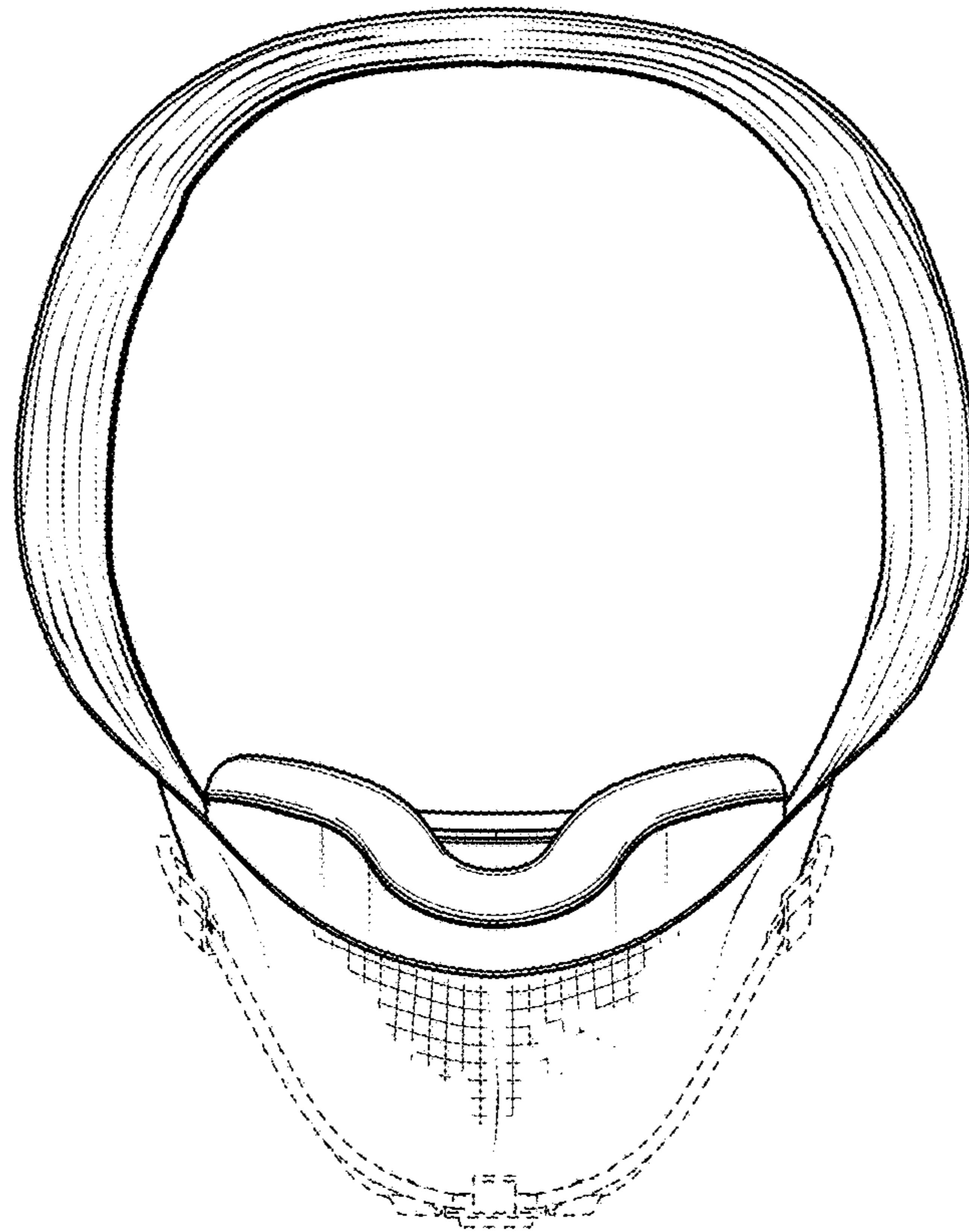


FIG. 10

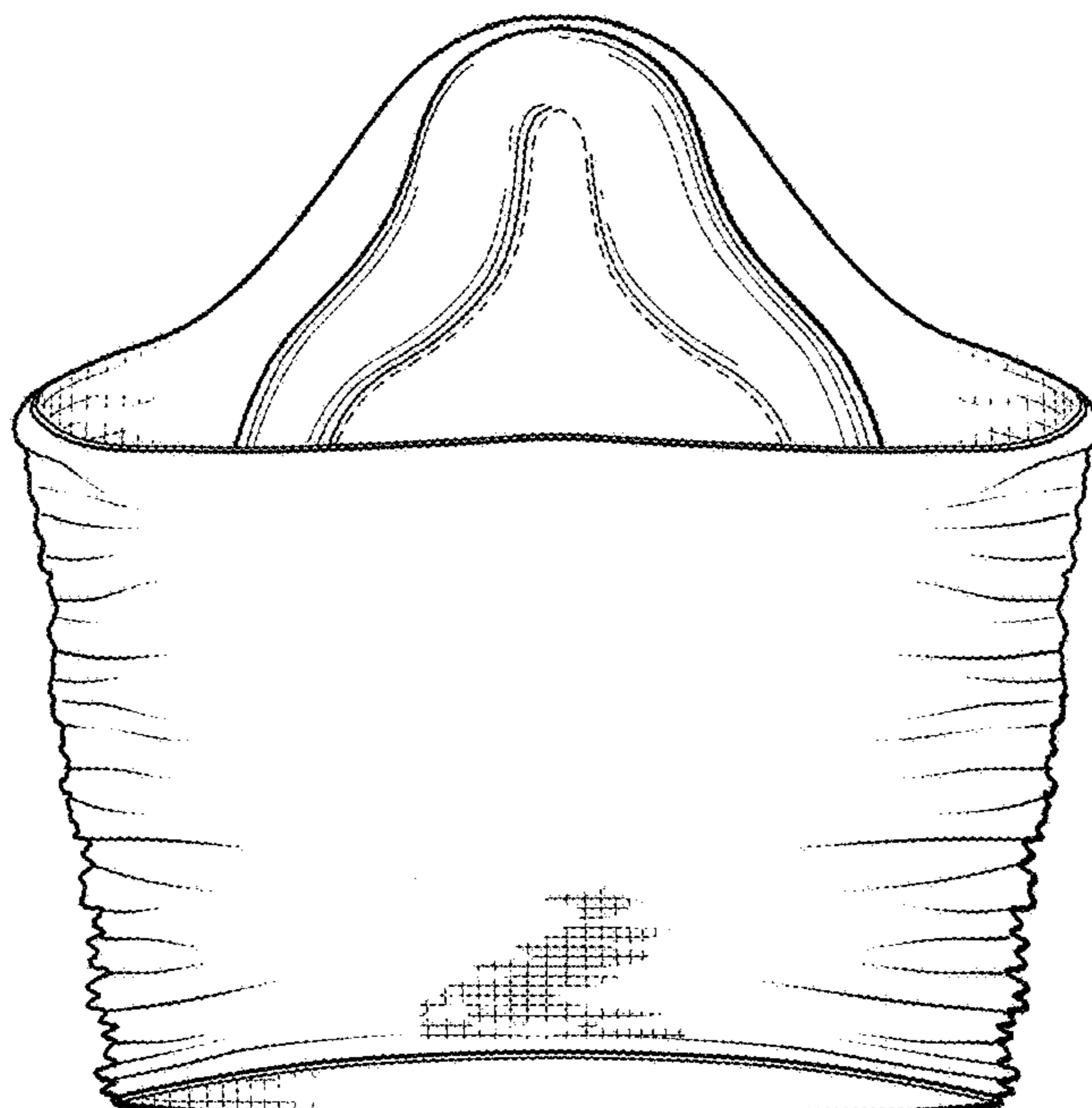


FIG. 11

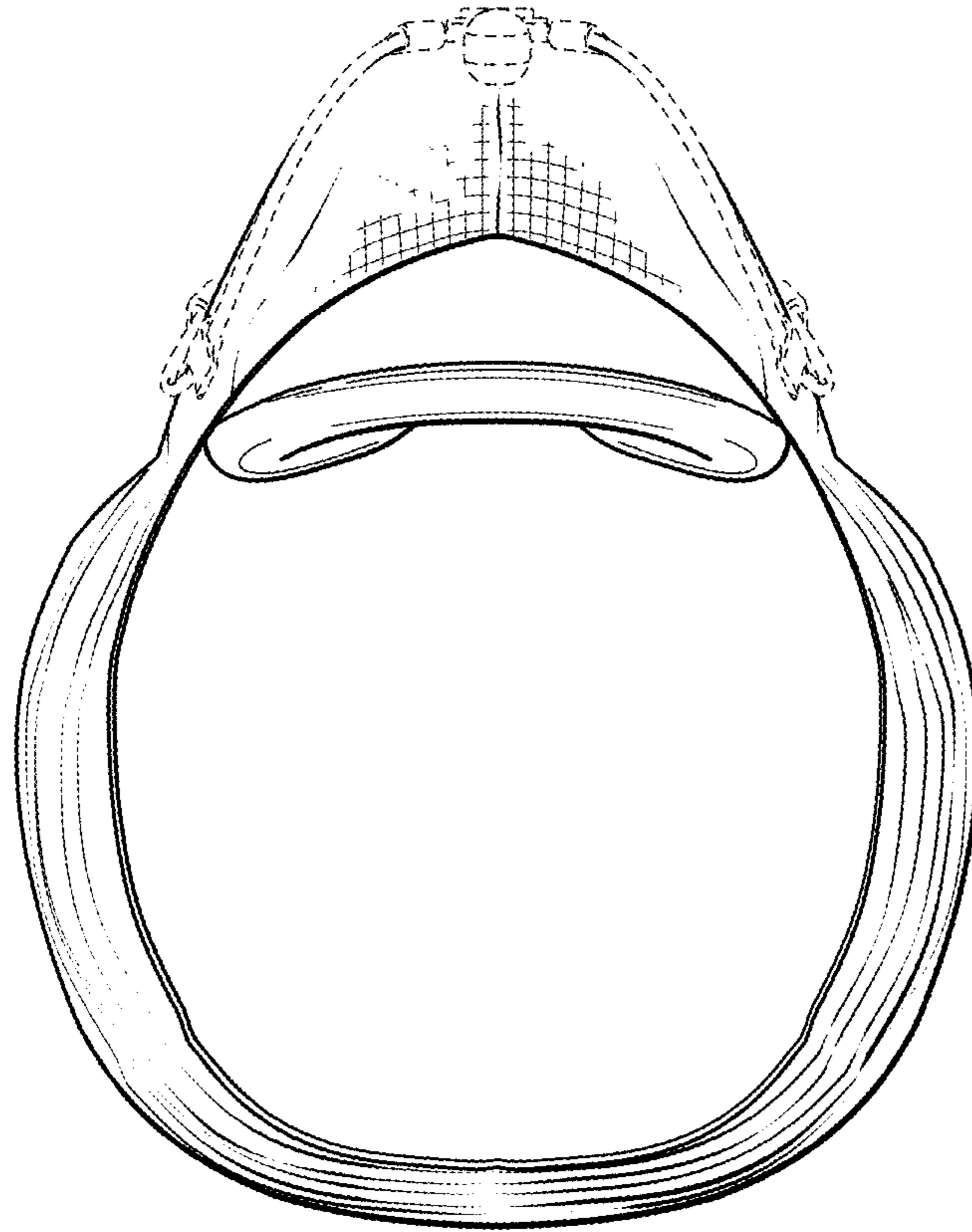


FIG. 12

