



US00D906657S

(12) **United States Design Patent** (10) **Patent No.:** **US D906,657 S**
Bock et al. (45) **Date of Patent:** **** Jan. 5, 2021**

(54) **SHOE TENSIONING DEVICE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **PUMA SE**, Herzogenaurach (DE)

CA 2500150 A1 9/2006
CN 102058197 A 5/2011

(72) Inventors: **Markus Bock**, Herzogenaurach (DE);
Arnaud Redon, Nuremberg (DE)

(Continued)

(73) Assignee: **PUMA SE**, Herzogenaurach (DE)

OTHER PUBLICATIONS

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

Notice of Reasons for Refusal issued in Japanese Application No. 2018-524270, dated Dec. 3, 2019, 9 pages.

(Continued)

(21) Appl. No.: **29/678,764**

Primary Examiner — Kevin K Rudzinski

(22) Filed: **Jan. 30, 2019**

Assistant Examiner — Amber J Rabie

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

(74) *Attorney, Agent, or Firm* — Quarles & Brady LLP

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

(57) **CLAIM**

USPC **D2/961**

The ornamental design for a shoe tensioning device, as shown and described.

(58) **Field of Classification Search**

DESCRIPTION

USPC D2/944, 946, 961, 969, 978

CPC A43C 1/00; A43C 11/165

See application file for complete search history.

FIG. 1 is a top, left, and front perspective view of an ornamental design for a shoe tensioning device;

FIG. 2 is a front elevational view of the shoe tensioning device of FIG. 1;

FIG. 3 is a rear elevational view of the shoe tensioning device of FIG. 1;

FIG. 4 is a right side elevational view of the shoe tensioning device of FIG. 1;

FIG. 5 is a left side elevational view of the shoe tensioning device of FIG. 1;

FIG. 6 is a top plan view of the shoe tensioning device of FIG. 1; and,

FIG. 7 is a bottom plan view of the shoe tensioning device of FIG. 1.

The dash-dash-dash lines are included for the purpose of illustrating portions of the shoe tensioning device that form no part of the claimed design. The dash-dot-dash broken lines depict boundary lines and form no part of the claimed design.

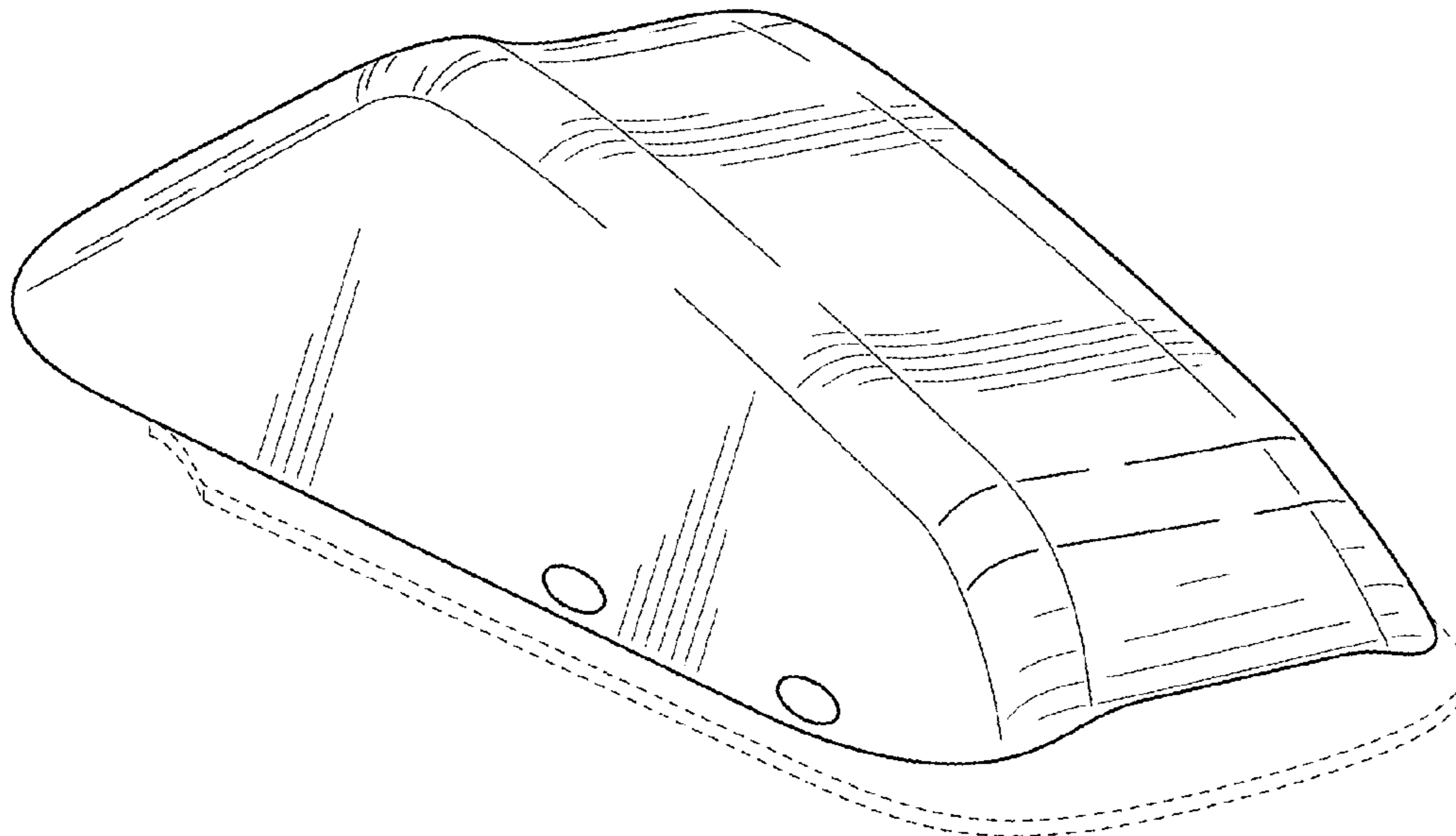
(56) **References Cited**

U.S. PATENT DOCUMENTS

4,724,626	A	2/1988	Baggio	
4,741,115	A	5/1988	Pozzobon	
4,748,726	A	6/1988	Schoch	
4,787,124	A	11/1988	Pozzobon et al.	
4,922,634	A	5/1990	Seidel	
4,961,544	A	10/1990	Bidoia	
5,051,095	A *	9/1991	Slenker	A43B 3/0005 219/211
5,206,804	A	4/1993	Thies et al.	
5,325,613	A	7/1994	Sussmann	
5,724,265	A	3/1998	Hutchings	
5,839,210	A	11/1998	Bernier et al.	
5,955,667	A	9/1999	Fyfe	
5,983,530	A	11/1999	Chou	
6,018,705	A	1/2000	Gaudet et al.	
6,032,387	A	3/2000	Johnson	

(Continued)

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,052,654 A	4/2000	Gaudet et al.	9,918,865 B2	3/2018	Nickel et al.
6,202,953 B1	3/2001	Hammerslag	D814,776 S	4/2018	Odinot
6,289,558 B1	9/2001	Hammerslag	D815,413 S	4/2018	Weddle
6,427,361 B1	8/2002	Chou	9,943,139 B2	4/2018	Beers et al.
6,430,843 B1	8/2002	Potter et al.	9,961,963 B2	5/2018	Schneider et al.
6,691,433 B2	2/2004	Liu	9,993,046 B2	6/2018	Bock
6,865,825 B2	3/2005	Bailey, Sr. et al.	10,004,295 B2	6/2018	Gerber
6,876,947 B1	4/2005	Darley et al.	10,010,129 B2	7/2018	Beers et al.
6,882,955 B1	4/2005	Ohlenbusch et al.	10,034,512 B2	7/2018	Rushbrook et al.
6,892,477 B2	5/2005	Potter et al.	10,046,942 B2	8/2018	Beers et al.
6,978,684 B2	12/2005	Nurse	10,070,681 B2	9/2018	Beers et al.
7,082,701 B2	8/2006	Dalgaard et al.	10,070,683 B2	9/2018	Rushbrook et al.
7,096,559 B2	8/2006	Johnson	10,076,462 B2	9/2018	Johnson et al.
7,188,439 B2	3/2007	DiBenedetto et al.	D829,425 S	10/2018	Albrecht et al.
7,310,895 B2	12/2007	Whittlesey et al.	10,085,517 B2	10/2018	Beers et al.
7,503,131 B2	3/2009	Nadel et al.	10,092,065 B2	10/2018	Rushbrook et al.
7,607,243 B2	10/2009	Berner, Jr. et al.	10,102,722 B2	10/2018	Levesque et al.
7,721,468 B1	5/2010	Johnson et al.	10,104,937 B2	10/2018	Beers et al.
7,752,774 B2	7/2010	Ussher	10,111,496 B2	10/2018	Schneider et al.
7,794,101 B2	9/2010	Galica et al.	10,201,212 B2	2/2019	Beers et al.
D648,110 S	11/2011	Rasmussen	10,231,505 B2	3/2019	Beers et al.
8,046,937 B2	11/2011	Beers et al.	10,238,180 B2	3/2019	Beers et al.
8,056,269 B2	11/2011	Beers et al.	2003/0009913 A1	1/2003	Potter et al.
8,058,837 B2	11/2011	Beers et al.	2003/0150135 A1	8/2003	Liu
8,061,061 B1	11/2011	Rivas	2004/0177531 A1	9/2004	DiBenedetto et al.
8,074,379 B2	12/2011	Robinson, Jr. et al.	2005/0183292 A1	8/2005	DiBenedetto et al.
8,277,401 B2	10/2012	Hammerslag et al.	2005/0198867 A1	9/2005	Labbe
8,387,282 B2	3/2013	Baker et al.	2006/0000116 A1	1/2006	Brewer
8,424,168 B2	4/2013	Soderberg et al.	2007/0000154 A1	1/2007	DiBenedetto et al.
8,468,657 B2	6/2013	Soderberg et al.	2007/0006489 A1	1/2007	Case et al.
8,474,146 B2	7/2013	Hartford et al.	2007/0129907 A1	6/2007	Demon
8,516,662 B2	8/2013	Goodman et al.	2007/0164521 A1	7/2007	Robinson
D689,684 S	9/2013	McMillan	2007/0260421 A1	11/2007	Berner, Jr. et al.
8,522,456 B2	9/2013	Beers et al.	2007/0271817 A1	11/2007	Ellis
8,528,235 B2	9/2013	Beers et al.	2008/0066272 A1	3/2008	Hammerslag et al.
8,676,541 B2	3/2014	Schrock et al.	2008/0301919 A1	12/2008	Ussher
8,678,541 B2	3/2014	Uchiyama	2009/0184189 A1	7/2009	Soderberg et al.
8,713,820 B2	5/2014	Kerns et al.	2009/0193689 A1	8/2009	Galica et al.
8,739,639 B2	6/2014	Owings et al.	2009/0272007 A1	11/2009	Beers et al.
8,769,844 B2	7/2014	Beers et al.	2009/0272013 A1	11/2009	Beers et al.
D718,036 S	11/2014	McMillan	2010/0063778 A1	3/2010	Schrock et al.
8,904,672 B1	12/2014	Johnson	2010/0063779 A1	3/2010	Schrock et al.
8,904,673 B2	12/2014	Johnson et al.	2010/0139057 A1	6/2010	Soderberg et al.
8,935,860 B2	1/2015	Torres	2010/0289971 A1	11/2010	Odland et al.
9,072,341 B2	7/2015	Jungkind	2011/0025704 A1	2/2011	Odland et al.
D740,538 S	10/2015	Roulo	2011/0175744 A1	7/2011	Englert et al.
9,149,089 B2	10/2015	Cotterman et al.	2011/0225843 A1	9/2011	Kerns et al.
9,204,690 B1	12/2015	Alt et al.	2011/0232134 A1	9/2011	Radl et al.
D746,558 S	1/2016	Campbell et al.	2011/0266384 A1	11/2011	Goodman et al.
9,241,539 B1	1/2016	Keswin	2012/0000091 A1	1/2012	Cotterman et al.
9,248,040 B2	2/2016	Soderberg et al.	2012/0004587 A1	1/2012	Nickel et al.
D750,879 S *	3/2016	Klein A43C 11/20 D2/961	2012/0124500 A1	5/2012	Hunter
9,301,573 B2	4/2016	Jasmine	2012/0185801 A1	7/2012	Madonna et al.
9,307,804 B2	4/2016	Beers et al.	2013/0092780 A1	4/2013	Soderberg et al.
D756,621 S	5/2016	Weddle	2013/0104429 A1	5/2013	Torres
9,326,566 B2	5/2016	Beers et al.	2013/0213147 A1	8/2013	Rice et al.
9,365,387 B2	6/2016	Beers et al.	2013/0312293 A1	11/2013	Gerber
9,380,834 B2	7/2016	Rushbrook et al.	2014/0068838 A1	3/2014	Beers et al.
D768,977 S	10/2016	Seamarks et al.	2014/0070042 A1	3/2014	Beers et al.
9,462,844 B2	10/2016	Schrock et al.	2014/0082963 A1	3/2014	Beers
9,532,893 B2	1/2017	Beers et al.	2014/0257156 A1	9/2014	Capra et al.
9,578,926 B2	2/2017	Alt et al.	2015/0185764 A1	7/2015	Magi
9,609,918 B2	4/2017	Beers	2016/0027297 A1	1/2016	Wu et al.
9,610,185 B2	4/2017	Capra et al.	2016/0157561 A1	6/2016	Schum et al.
9,629,418 B2	4/2017	Rushbrook et al.	2016/0256349 A1	9/2016	Mayer et al.
9,693,605 B2	7/2017	Beers	2016/0262485 A1	9/2016	Walker
9,706,814 B2	7/2017	Converse et al.	2016/0345654 A1	12/2016	Beers et al.
9,756,895 B2	9/2017	Rice et al.	2016/0345679 A1	12/2016	Beers et al.
9,763,489 B2	9/2017	Amos et al.	2016/0345681 A1	12/2016	Pheil et al.
9,861,164 B2	1/2018	Beers et al.	2016/0360828 A1	12/2016	Guyan
9,861,165 B2	1/2018	Schneider et al.	2017/0150773 A1	6/2017	Beers
9,867,417 B2	1/2018	Beers et al.	2017/0215524 A1	8/2017	Rushbrook et al.
9,872,539 B2	1/2018	Beers	2017/0265572 A1	9/2017	Beers et al.
9,907,359 B2	3/2018	Beers	2017/0265573 A1	9/2017	Beers et al.
			2017/0265574 A1	9/2017	Beers et al.
			2017/0265575 A1	9/2017	Beers et al.
			2017/0265576 A1	9/2017	Beers et al.
			2017/0265577 A1	9/2017	Schneider
			2017/0265578 A1	9/2017	Schneider

(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0265579 A1 9/2017 Schneider et al.
 2017/0265580 A1 9/2017 Schneider et al.
 2017/0265581 A1 9/2017 Chang
 2017/0265582 A1 9/2017 Walker et al.
 2017/0265583 A1 9/2017 Schneider et al.
 2017/0265584 A1 9/2017 Walker et al.
 2017/0265585 A1 9/2017 Orand
 2017/0265586 A1 9/2017 Schneider et al.
 2017/0265587 A1 9/2017 Walker et al.
 2017/0265588 A1 9/2017 Walker et al.
 2017/0265589 A1 9/2017 Walker et al.
 2017/0265591 A1 9/2017 Schneider
 2017/0265594 A1 9/2017 Walker et al.
 2017/0267485 A1 9/2017 Schneider et al.
 2017/0272008 A1 9/2017 Schneider
 2017/0295889 A1 10/2017 Beers
 2017/0303643 A1 10/2017 Converse et al.
 2017/0312161 A1 11/2017 Johnson et al.
 2017/0318908 A1 11/2017 Wyatt et al.
 2017/0332734 A1 11/2017 Orand
 2017/0332735 A1 11/2017 Orland et al.
 2017/0340049 A1 11/2017 Rice et al.
 2018/0020764 A1 1/2018 Walker
 2018/0035760 A1 2/2018 Bock
 2018/0110288 A1 4/2018 Hatfield et al.
 2018/0110294 A1 4/2018 Schneider et al.
 2018/0110298 A1 4/2018 Schneider et al.
 2018/0116326 A1 5/2018 Beers et al.
 2018/0125168 A1 5/2018 Beers et al.
 2018/0153260 A1 6/2018 Beers
 2018/0153263 A1 6/2018 Beers et al.
 2018/0199674 A1 7/2018 Walker et al.
 2018/0219403 A1 8/2018 Schneider
 2018/0228250 A1 8/2018 Beers et al.
 2018/0263340 A1 9/2018 Schneider et al.
 2018/0289110 A1 10/2018 Bock et al.
 2018/0310644 A1 11/2018 Poupyrev et al.
 2018/0310659 A1 11/2018 Poupyrev et al.
 2018/0310670 A1 11/2018 Rovekamp, Jr. et al.
 2018/0317609 A1 11/2018 Beers et al.
 2018/0342978 A1 11/2018 Joardar
 2018/0343977 A1 12/2018 Riccomini et al.
 2018/0368526 A1 12/2018 Bock
 2018/0368528 A1 12/2018 Beers et al.
 2019/0246745 A1* 8/2019 Bock A43C 11/165
 2019/0246746 A1* 8/2019 Bock A43C 11/20
 2019/0246747 A1* 8/2019 Bock A43B 3/0005

FOREIGN PATENT DOCUMENTS

CN 104585975 A 5/2015
 CN 104822284 A 8/2015
 CN 105278768 A 1/2016
 DE 29701491 U1 5/1998
 DE 29817003 U1 3/1999
 DE 19833801 A1 2/2000
 DE 102005014709 A1 10/2006
 DE 102005036013 A1 2/2007
 DE 102005052903 A1 5/2007
 EP 2871994 A1 5/2015
 EP 3046434 A1 7/2016
 FR 2924577 A1 6/2009
 GB 2449722 A 12/2008
 JP 3005659 U 1/1995
 JP 3195320 B2 8/2001
 JP 2004267784 A 9/2004
 JP 2004275201 A 10/2004
 JP 2009011460 A 1/2009
 JP 2011519611 A 7/2011
 JP 5486203 B2 5/2014
 JP 2016530058 A 9/2016
 KR 100398822 B1 9/2003
 KR 20050122149 A 12/2005
 WO 1998011797 A1 3/1998
 WO 2008033963 A2 3/2008

WO 2009134858 A1 11/2009
 WO 2012109244 A1 8/2012
 WO 2014036374 A1 3/2014
 WO 2014082652 A1 6/2014
 WO 2015014374 A1 2/2015
 WO 2015042216 A1 3/2015
 WO 2015045598 A1 4/2015
 WO 2015056633 A1 4/2015
 WO 2015160406 A1 10/2015
 WO 2015160768 A1 10/2015
 WO 2015160790 A1 10/2015
 WO 2015163982 A1 10/2015
 WO 2016057697 A1 4/2016
 WO 2016191117 A1 12/2016
 WO 2016191123 A1 12/2016
 WO 2016195957 A1 12/2016
 WO 2016195965 A1 12/2016
 WO 2017059876 A1 4/2017
 WO 2017091769 A1 6/2017
 WO 2017092775 A1 6/2017
 WO 2017158410 A1 9/2017
 WO 2017160534 A2 9/2017
 WO 2017160536 A2 9/2017
 WO 2017160558 A2 9/2017
 WO 2017160561 A2 9/2017
 WO 2017160563 A2 9/2017
 WO 2017160657 A2 9/2017
 WO 2017160708 A2 9/2017
 WO 2017160865 A1 9/2017
 WO 2017160866 A1 9/2017
 WO 2017160881 A1 9/2017
 WO 2017160969 A1 9/2017
 WO 2017161000 A2 9/2017
 WO 2017161014 A1 9/2017
 WO 2017161037 A1 9/2017
 WO 2017161044 A1 9/2017
 WO 2017164612 A1 9/2017
 WO 2017185160 A1 11/2017
 WO 2017189926 A1 11/2017
 WO 2017197627 A1 11/2017
 WO 2017091769 A8 1/2018
 WO 2018028380 A1 2/2018
 WO 2018028381 A1 2/2018
 WO 2018081260 A1 5/2018
 WO 2018094156 A1 5/2018
 WO 2018095500 A1 5/2018
 WO 2018095501 A1 5/2018
 WO 2018120085 A1 7/2018
 WO 2017161000 A3 8/2018
 WO 2018170148 A2 9/2018
 WO 2018170148 A3 11/2018
 WO 2018222805 A2 12/2018
 WO 2018222807 A2 12/2018
 WO 2018222836 A2 12/2018

OTHER PUBLICATIONS

Search Report by Registered Search Organization issued in Japanese Application No. 2018-524270, dated Nov. 27, 2019, 128 pages.
 International Search Report and Written Opinion of International Application No. PCT/IB2020/053777, dated Jun. 18, 2020, 12 pages.
 International Search Report and Written Opinion of International Application No. PCT/IB2020/053778, dated Jun. 18, 2020, 14 pages.
 The First Office Action issued in corresponding Chinese Application No. 201680091000.4, dated Jun. 5, 2020, 19 pages.
 International Search Report of International Application No. PCT/EP2016/001968, dated Jul. 31, 2017, 6 pages.
 Written Opinion of International Application No. PCT/EP2016/001968, dated Jul. 31, 2017, 6 pages.
 International Preliminary Report on Patentability (Form IPEA/409) of International Application No. PCT/EP2016/001968, dated Jan. 9, 2019, 31 pages.
 International Search Report of International Application No. PCT/EP2016/001967, dated Jul. 26, 2017, 7 pages.

(56)

References Cited

OTHER PUBLICATIONS

Written Opinion of International Application No. PCT/EP2016/001967, dated Jul. 26, 2017, 6 pages.

International Preliminary Report on Patentability (Form IPEA/409) of International Application No. PCT/EP2016/001967, dated Jan. 4, 2019, 23 pages.

Andrew Liszewski: "A Self-Adjusting Smart Bell: Yes, It's Come to This", Jan. 4, 2015 (Jan. 4, 2015), Retrieved from the Internet: URL: <https://gizmodo.com/the-only-gdget-the-world-really-needs-is-a-self-adjust-1677432880> [retrieved on May 16, 2019], 3 pages.

International Search Report of International Application No. PCT/EP2015/001963, dated Aug. 9, 2016, 5 pages.

* cited by examiner

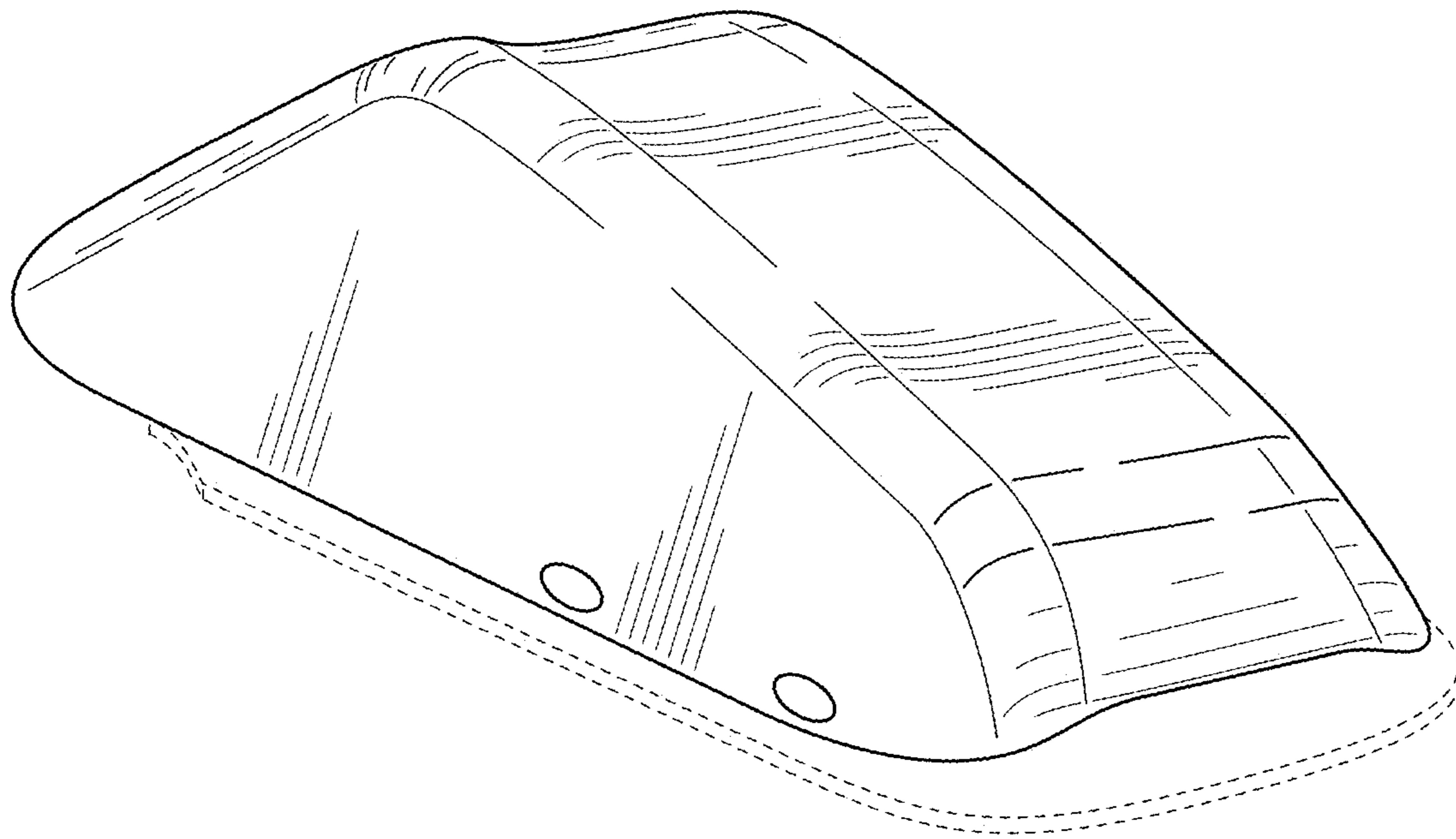


FIG. 1

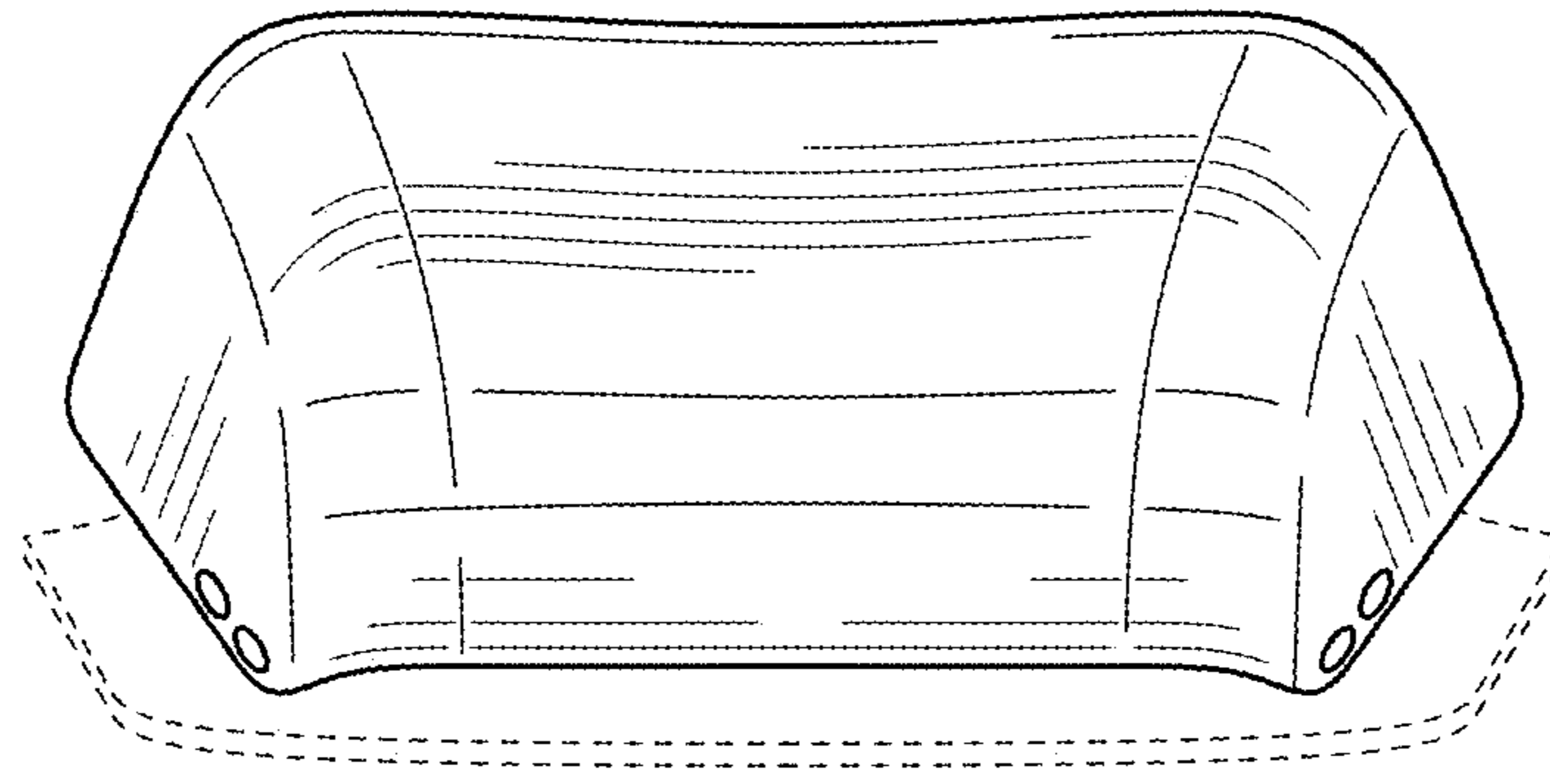


FIG. 2

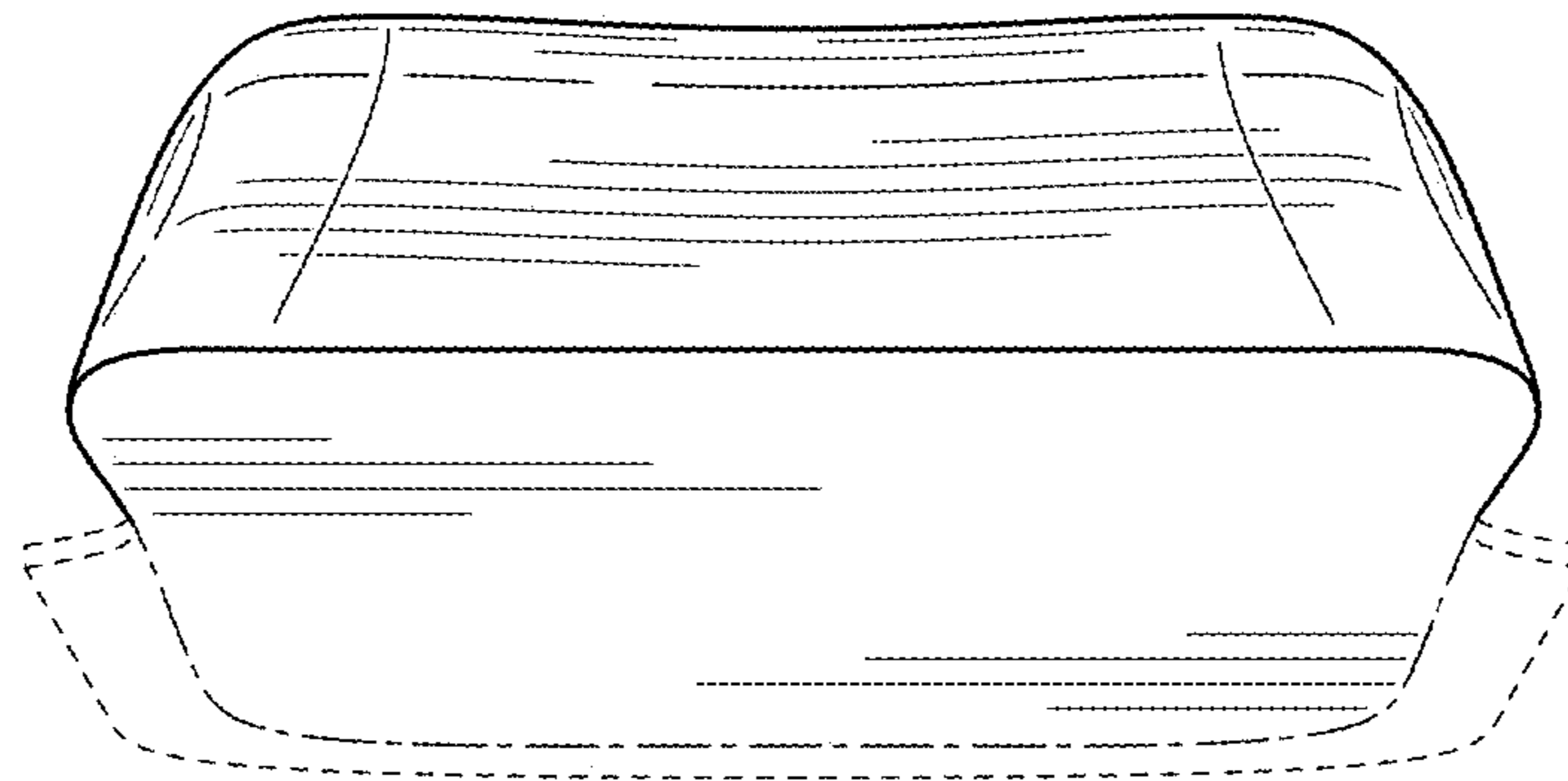


FIG. 3

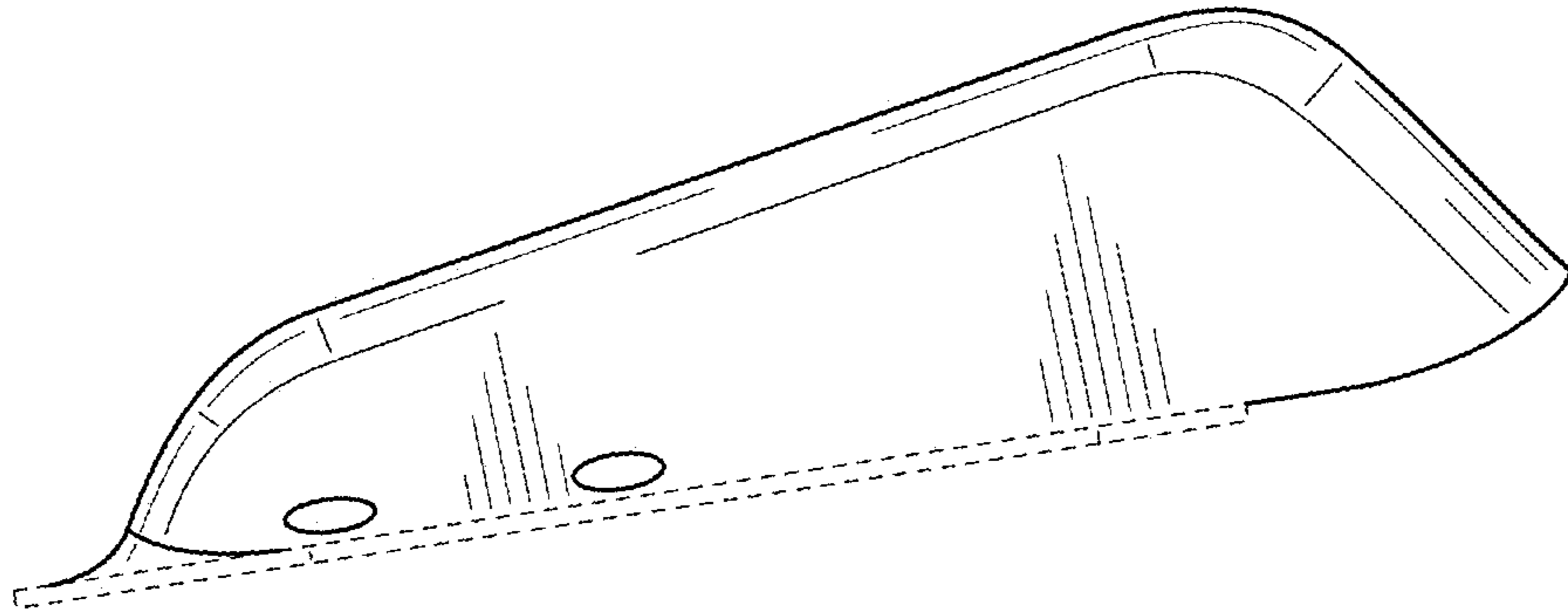


FIG. 4

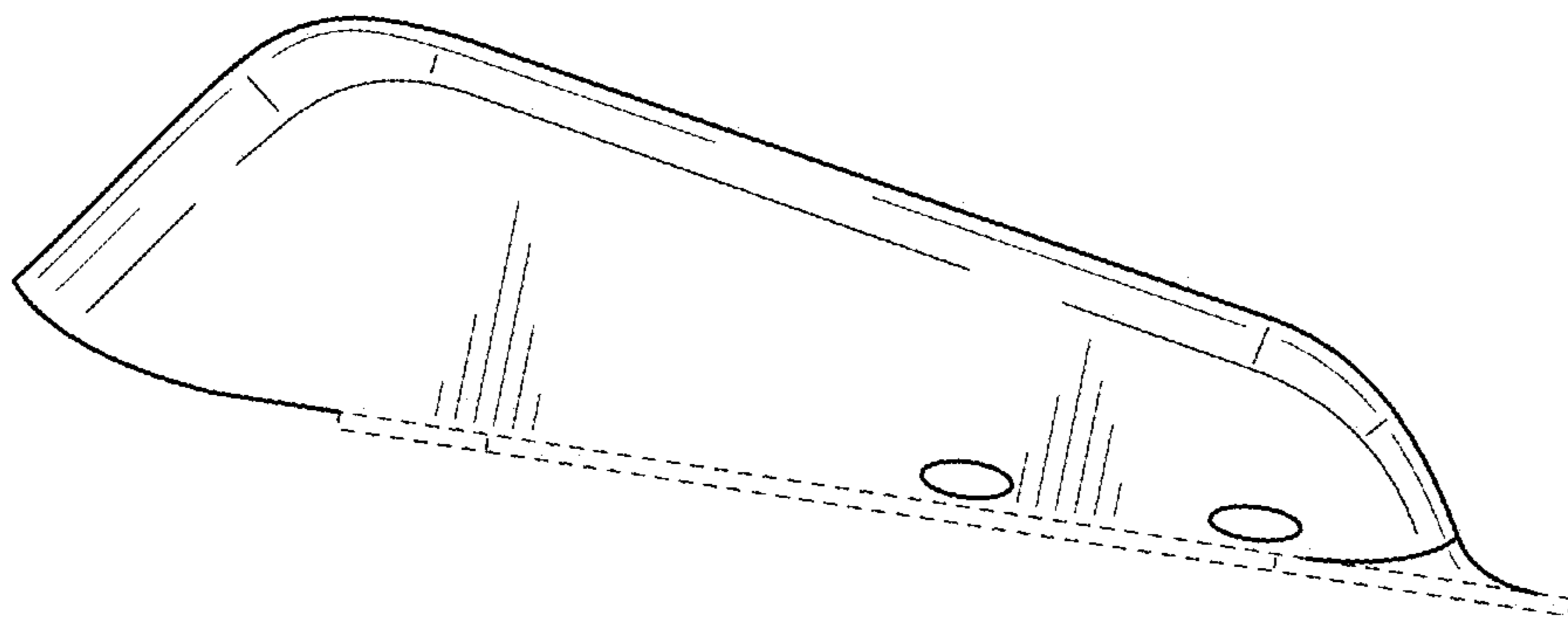


FIG. 5

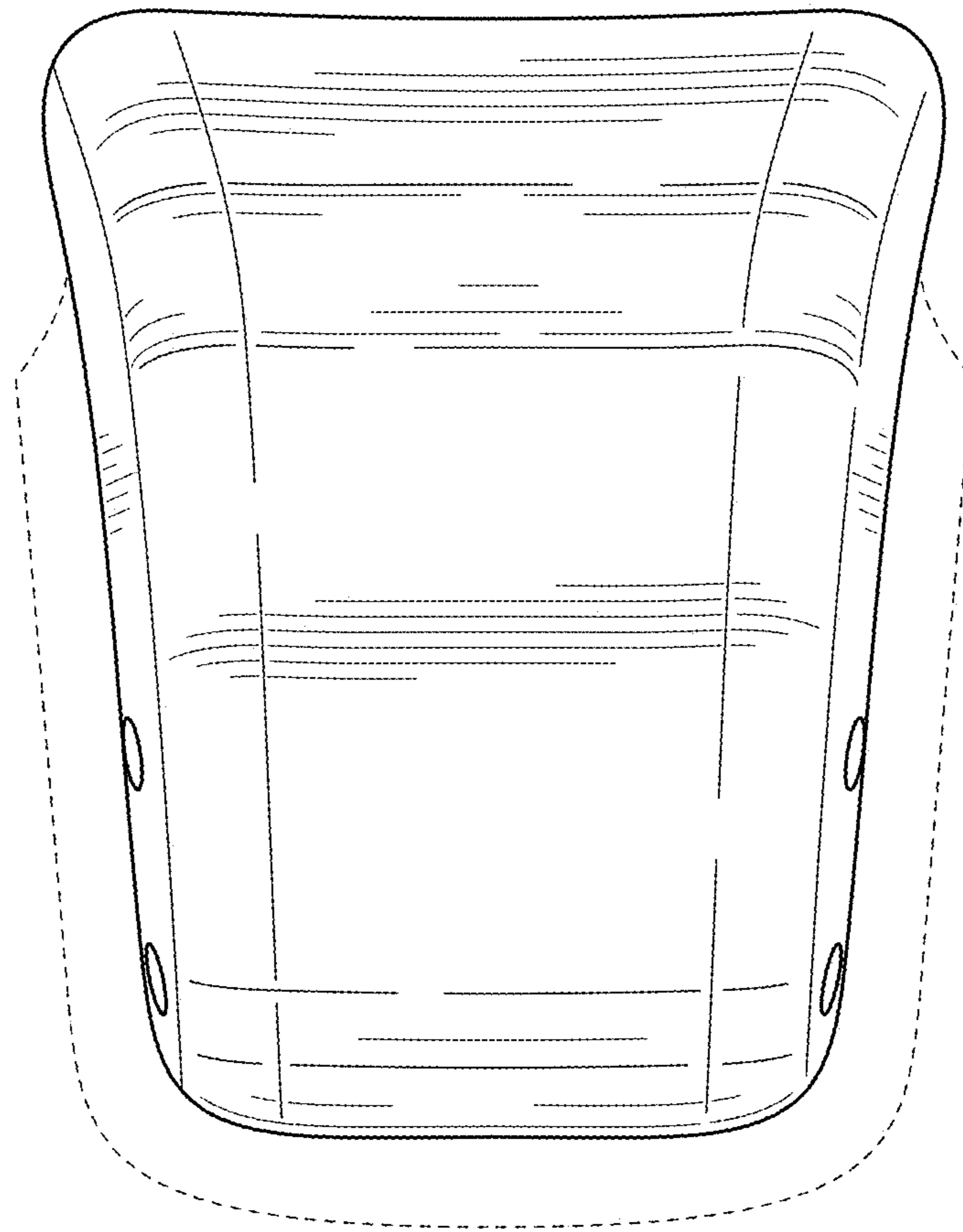


FIG. 6

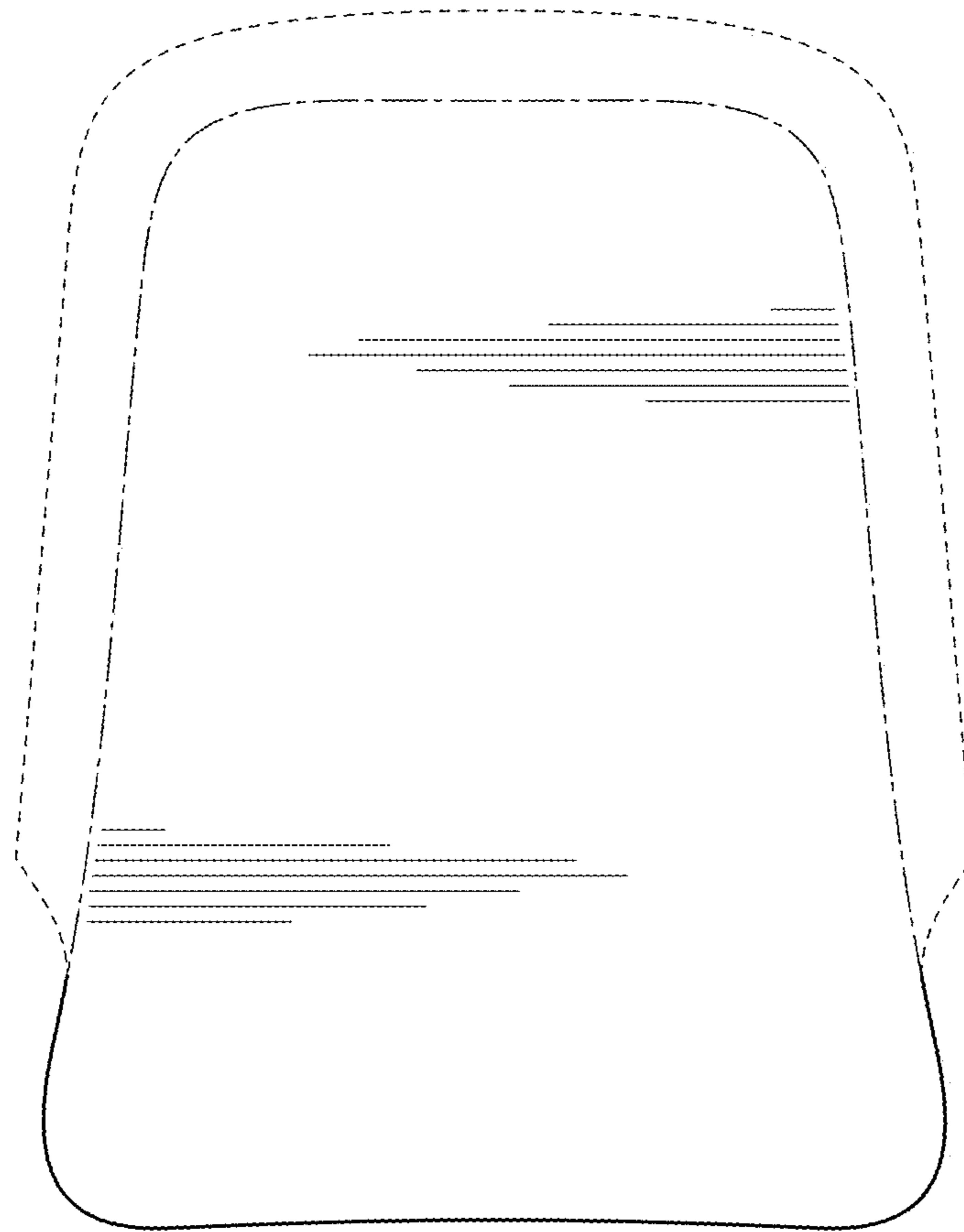


FIG. 7