



US00D683042S

(12) **United States Design Patent**
Quisenberry

(10) **Patent No.:** **US D683,042 S**

(45) **Date of Patent:** **** May 21, 2013**

(54) **CALF WRAP**

(75) **Inventor:** **Tony Quisenberry**, Highland Village, TX (US)

(73) **Assignee:** **ThermoTek, Inc.**, Flower Mound, TX (US)

(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/424,860**

(22) **Filed:** **Jun. 15, 2012**

Related U.S. Application Data

(63) Continuation of application No. 29/400,194, filed on Aug. 24, 2011, now Pat. No. Des. 664,260, which is a continuation of application No. 12/708,422, filed on Feb. 18, 2010, which is a continuation-in-part of application No. 11/733,709, filed on Apr. 10, 2007.

(51) **LOC (9) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D24/207**

(58) **Field of Classification Search** D24/206–208, D24/189–192; 602/1–7, 17–27, 61–66, 74; 128/95.1, 96.1, 97.1, 100.1, 101.1, 876; 606/204, 606/27; 607/96, 108, 109, 111, 112; D29/101.2, D29/101.5, 120.1, 121.1, 121.2; D3/327; 601/15, DIG. 1; 126/204; D21/683
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,164,152 A	1/1965	Vere Nicoll
3,660,849 A	5/1972	Jonnes et al.
3,736,764 A	6/1973	Chambers et al.
3,738,702 A	6/1973	Jacobs
3,744,053 A	7/1973	Parker et al.
3,744,555 A	7/1973	Fletcher et al.

3,862,629 A	1/1975	Rotta
3,894,213 A	7/1975	Agarwala
4,006,604 A	2/1977	Seff
4,013,069 A	3/1977	Hasty
4,029,087 A	6/1977	Dye et al.
4,206,751 A	6/1980	Schneider
4,224,941 A	9/1980	Stivala
4,375,217 A	3/1983	Arkans

(Continued)

FOREIGN PATENT DOCUMENTS

CH	670 541	6/1989
DE	35 22 127	1/1987

(Continued)

OTHER PUBLICATIONS

Copenheaver, Blaine R., "International Search Report" for PCT/US2012/035096 as mailed Aug. 7, 2012, 3 pages.

(Continued)

Primary Examiner — David Muller

(74) *Attorney, Agent, or Firm* — Winstead PC

(57) **CLAIM**

The ornamental design for a calf wrap, as shown and described.

DESCRIPTION

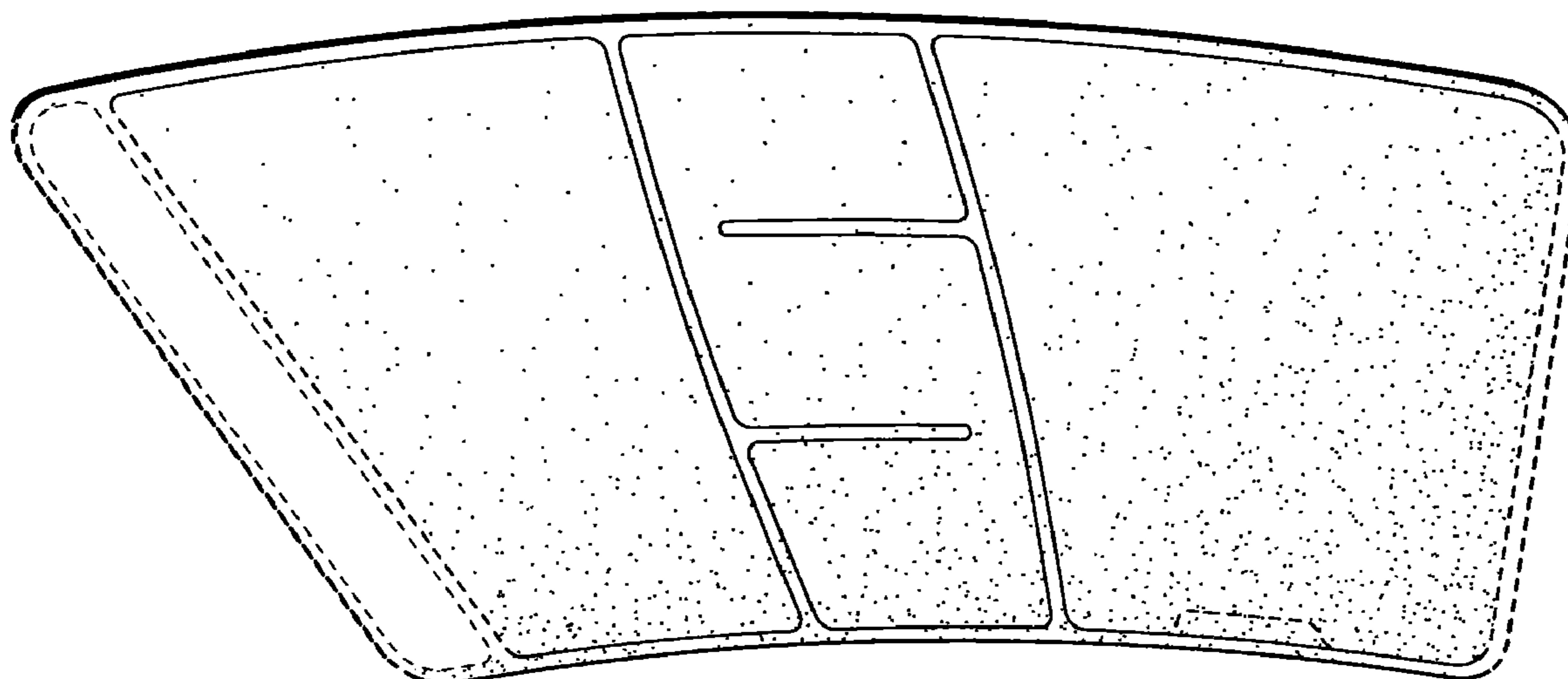
FIG. 1 is a perspective view of a calf wrap in accordance with the design;

FIG. 2 is a top plan view of the calf wrap in accordance with the design; and,

FIG. 3 is a bottom plan view of the calf wrap in accordance with the design.

The broken line showing of parts of the drawings is included for the purpose of illustrating use and environment and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



US D683,042 S

Page 2

U.S. PATENT DOCUMENTS							
4,402,312	A	9/1983	Villari et al.	5,411,494	A	5/1995	Rodriguez
4,459,468	A	7/1984	Bailey	5,411,541	A	5/1995	Bell et al.
4,459,822	A	7/1984	Pasternack	5,417,720	A	5/1995	Mason
4,471,787	A	9/1984	Bentall	5,440,450	A	8/1995	Lau et al.
4,503,484	A	3/1985	Moxon	5,449,379	A	9/1995	Hadtke
4,547,906	A	10/1985	Nishida et al.	5,466,250	A	11/1995	Johnson, Jr. et al.
4,597,384	A	7/1986	Whitney	5,496,262	A	3/1996	Johnson, Jr. et al.
4,608,041	A	8/1986	Nielsen	5,507,792	A	4/1996	Mason
D285,821	S	9/1986	Kneisley	5,509,894	A	4/1996	Mason et al.
D288,372	S	2/1987	Adams	5,528,485	A	6/1996	Devilbiss et al.
4,660,388	A	4/1987	Greene, Jr.	5,561,981	A	10/1996	Quisenberry et al.
D295,897	S	5/1988	Thimm-Kelly	5,566,062	A	10/1996	Quisenberry et al.
4,741,338	A	5/1988	Miyamae	D376,013	S	11/1996	Sandman et al.
4,821,354	A	4/1989	Little	5,578,022	A	11/1996	Scherson et al.
4,844,072	A	7/1989	French et al.	5,588,954	A	12/1996	Ribando et al.
4,884,304	A	12/1989	Elkins	5,591,200	A	1/1997	Cone et al.
4,901,200	A	2/1990	Mazura	D380,874	S	7/1997	Caswell
4,911,231	A	3/1990	Horne et al.	5,648,716	A	7/1997	Devilbiss et al.
4,926,881	A	5/1990	Ichinomiya et al.	D383,546	S	9/1997	Amis et al.
4,962,761	A	10/1990	Golden	D383,547	S	9/1997	Mason et al.
4,969,881	A	11/1990	Viesturs	D383,848	S	9/1997	Mason et al.
4,979,375	A	12/1990	Nathans et al.	5,662,695	A	9/1997	Mason et al.
4,995,698	A	2/1991	Myers	5,672,152	A	9/1997	Mason et al.
4,996,970	A	3/1991	Legare	5,675,473	A	10/1997	McDunn et al.
5,044,364	A	9/1991	Crowther	5,682,748	A	11/1997	DeVilbiss et al.
5,051,562	A	9/1991	Bailey et al.	5,689,957	A	11/1997	DeVilbiss et al.
D320,872	S	10/1991	McCrane	5,690,849	A	11/1997	DeVilbiss et al.
5,067,040	A	11/1991	Fallik	5,711,029	A	1/1998	Visco et al.
5,080,089	A	1/1992	Mason et al.	5,711,155	A	1/1998	DeVilbiss et al.
5,090,409	A	2/1992	Genis	D393,073	S	3/1998	Downing et al.
5,092,271	A	3/1992	Kleinsasser	5,731,954	A	3/1998	Cheon
5,097,829	A	3/1992	Quisenberry	5,733,321	A	3/1998	Brink
5,106,373	A	4/1992	Augustine et al.	D394,707	S	5/1998	Tsubooka
5,112,045	A	5/1992	Mason et al.	5,755,755	A	5/1998	Panyard
5,117,812	A	6/1992	McWhorter	5,772,618	A	6/1998	Mason et al.
5,125,238	A	6/1992	Ragan et al.	5,782,780	A	7/1998	Mason et al.
5,165,127	A	11/1992	Nicholson	5,795,312	A	8/1998	Dye
5,179,941	A	1/1993	Siemssen et al.	5,807,294	A	9/1998	Cawley et al.
5,184,612	A	2/1993	Augustine	5,827,208	A	10/1998	Mason
5,186,698	A	2/1993	Mason et al.	5,831,824	A	11/1998	McDunn et al.
5,230,335	A	7/1993	Johnson, Jr. et al.	D403,779	S	1/1999	Davis et al.
5,232,020	A	8/1993	Mason et al.	D404,490	S	1/1999	Tripolsky
5,241,951	A	9/1993	Mason et al.	D405,884	S	2/1999	Roper
5,243,706	A	9/1993	Frim et al.	5,871,526	A	2/1999	Gibbs et al.
5,263,538	A	11/1993	Amidieu et al.	5,890,371	A	4/1999	Rajasubramanian et al.
5,285,347	A	2/1994	Fox et al.	5,901,037	A	5/1999	Hamilton et al.
D345,082	S	3/1994	Wenzl	5,923,533	A	7/1999	Olson
D345,609	S	3/1994	Mason et al.	5,947,914	A	9/1999	Augustine
D345,802	S	4/1994	Mason et al.	5,980,561	A	11/1999	Kolen et al.
D345,803	S	4/1994	Mason et al.	5,989,285	A	11/1999	DeVilbiss et al.
5,300,101	A	4/1994	Augustine et al.	6,007,559	A	12/1999	Arkans
5,300,102	A	4/1994	Augustine et al.	6,055,157	A	4/2000	Bartilson
5,300,103	A	4/1994	Stempel et al.	6,058,010	A	5/2000	Schmidt et al.
5,303,716	A	4/1994	Mason et al.	6,058,712	A	5/2000	Rajasubramanian et al.
5,316,250	A	5/1994	Mason et al.	6,080,120	A	6/2000	Sandman et al.
D348,106	S	6/1994	Mason et al.	D428,153	S	7/2000	Davis
5,323,847	A	6/1994	Koizumi et al.	D430,288	S	8/2000	Mason et al.
5,324,319	A	6/1994	Mason et al.	D430,289	S	8/2000	Mason et al.
5,324,320	A	6/1994	Augustine et al.	6,117,164	A	9/2000	Gildersleeve et al.
D348,518	S	7/1994	Mason et al.	6,125,036	A	9/2000	Kang et al.
5,330,519	A	7/1994	Mason et al.	6,129,688	A	10/2000	Arkans
5,336,250	A	8/1994	Augustine	6,135,116	A	10/2000	Vogel et al.
5,343,579	A	9/1994	Dickerhoff et al.	6,176,869	B1	1/2001	Mason et al.
5,350,417	A	9/1994	Augustine	6,186,977	B1	2/2001	Andrews et al.
D351,472	S	10/1994	Mason et al.	6,238,427	B1	5/2001	Matta
5,352,174	A	10/1994	Mason et al.	6,260,890	B1	7/2001	Mason
5,354,117	A	10/1994	Danielson et al.	6,270,481	B1	8/2001	Mason et al.
D352,781	S	11/1994	Mason et al.	6,295,819	B1	10/2001	Mathiprakasam et al.
5,360,439	A	11/1994	Dickerhoff et al.	6,305,180	B1	10/2001	Miller et al.
5,370,178	A	12/1994	Agonafer et al.	6,319,114	B1	11/2001	Nair et al.
5,371,665	A	12/1994	Quisenberry et al.	6,352,550	B1	3/2002	Gildersleeve et al.
D354,138	S	1/1995	Kelly	6,358,219	B1	3/2002	Arkans
D357,747	S	4/1995	Kelly	6,368,592	B1	4/2002	Colton et al.
5,402,542	A	4/1995	Viard	6,436,064	B1	8/2002	Kloecker
5,405,370	A	4/1995	Irani	6,443,978	B1	9/2002	Zharov
5,405,371	A	4/1995	Augustine et al.	6,462,949	B1	10/2002	Parish, IV et al.
5,407,421	A	4/1995	Goldsmith	6,468,237	B1	10/2002	Lina
D358,216	S	5/1995	Dye	6,508,831	B1	1/2003	Kushnir
				D472,322	S	3/2003	Hoglund et al.

US D683,042 S

D473,315 S	4/2003	Miros et al.	D649,648 S *	11/2011	Cavalieri et al.	D24/190
D473,656 S	4/2003	Miros et al.	D655,420 S *	3/2012	Bowles	D24/206
D473,948 S	4/2003	Elkins et al.	D655,821 S *	3/2012	Matsuo	D24/206
6,551,264 B1	4/2003	Cawley et al.	D657,063 S *	4/2012	Chiang	D24/190
D474,544 S	5/2003	Hoglund et al.	D660,438 S *	5/2012	Kennedy et al.	D24/190
6,562,060 B1	5/2003	Momtaheni	D660,439 S *	5/2012	Chen et al.	D24/190
6,596,016 B1	7/2003	Vreman	D663,850 S *	7/2012	Joseph	D24/190
6,648,904 B2	11/2003	Altshuler et al.	D665,088 S *	8/2012	Joseph	D24/190
D484,601 S	12/2003	Griffiths et al.	D665,470 S *	8/2012	Galbraith	D21/683
D484,602 S	12/2003	Griffiths et al.	D666,258 S *	8/2012	Campbell	D21/683
6,660,027 B2	12/2003	Gruszecki et al.	D666,301 S *	8/2012	Joseph	D24/190
6,667,883 B1	12/2003	Solis et al.	2001/0039439 A1	11/2001	Elkins et al.	
6,675,072 B1	1/2004	Kerem	2002/0116041 A1	8/2002	Daoud	
D486,870 S	2/2004	Mason	2002/0143373 A1	10/2002	Courtnage et al.	
6,695,823 B1	2/2004	Lina et al.	2003/0050594 A1	3/2003	Zamierowski	
6,719,713 B2	4/2004	Mason	2003/0083610 A1	5/2003	McGrath et al.	
6,719,728 B2	4/2004	Mason et al.	2003/0089486 A1	5/2003	Parish et al.	
6,736,787 B1	5/2004	McEwen et al.	2003/0089487 A1	5/2003	Parish, IV et al.	
D492,411 S	6/2004	Bierman	2003/0127215 A1	7/2003	Parish, IV et al.	
6,775,137 B2	8/2004	Chu et al.	2003/0135252 A1	7/2003	MacHold et al.	
D496,108 S	9/2004	Machin et al.	2003/0163183 A1	8/2003	Carson	
6,789,024 B1	9/2004	Kochan, Jr. et al.	2003/0176822 A1	9/2003	Morgenlander	
6,802,823 B2	10/2004	Mason	2004/0008483 A1	1/2004	Cheon	
D499,846 S	12/2004	Cesko	2004/0030281 A1	2/2004	Goble et al.	
6,834,712 B2	12/2004	Parish et al.	2004/0046108 A1	3/2004	Spector	
6,846,295 B1	1/2005	Ben-Nun	2004/0054307 A1	3/2004	Mason et al.	
6,848,498 B2	2/2005	Seki et al.	2004/0068309 A1	4/2004	Edelman	
6,855,158 B2	2/2005	Stolpmann	2004/0068310 A1	4/2004	Edelman	
6,893,414 B2	5/2005	Goble et al.	2004/0099407 A1	5/2004	Parish, IV et al.	
D506,553 S	6/2005	Tesluk	2004/0133135 A1	7/2004	Diana	
6,935,409 B1	8/2005	Parish, IV et al.	2004/0193218 A1	9/2004	Butler	
6,936,019 B2	8/2005	Mason	2004/0210176 A1	10/2004	Diana	
D510,140 S	9/2005	Brown	2004/0221604 A1	11/2004	Ota et al.	
6,945,988 B1	9/2005	Jones	2004/0260231 A1	12/2004	Goble et al.	
D510,626 S	10/2005	Krahner et al.	2005/0004636 A1	1/2005	Noda et al.	
D515,218 S	2/2006	McGuire et al.	2005/0006061 A1	1/2005	Quisenberry et al.	
D523,147 S	6/2006	Tesluk	2005/0033390 A1	2/2005	McConnell	
7,066,949 B2	6/2006	Gammons et al.	2005/0039887 A1	2/2005	Parish, IV et al.	
7,081,128 B2	7/2006	Hart et al.	2005/0070828 A1	3/2005	Hampson et al.	
D533,668 S	12/2006	Brown	2005/0070835 A1	3/2005	Joshi	
D551,351 S	9/2007	Silva	2005/0133214 A1	6/2005	Pfahnl	
D551,352 S	9/2007	Frangi	2005/0143797 A1	6/2005	Parish et al.	
7,306,568 B2	12/2007	Diana	2005/0177093 A1	8/2005	Barry et al.	
7,354,411 B2	4/2008	Perry et al.	2005/0182364 A1	8/2005	Burchman	
D568,482 S	5/2008	Gramza et al.	2005/0256556 A1	11/2005	Schirrmacher et al.	
D569,985 S	5/2008	Ganapathy et al.	2005/0274120 A1	12/2005	Quisenberry et al.	
7,427,153 B1	9/2008	Jacobs et al.	2005/0284615 A1	12/2005	Parish et al.	
7,429,252 B2	9/2008	Sarangapani	2006/0034053 A1	2/2006	Parish et al.	
7,484,552 B2	2/2009	Pfahnl	2006/0058714 A1	3/2006	Rhoades	
7,492,252 B2	2/2009	Maruyama	2006/0116620 A1	6/2006	Oyaski	
D595,620 S	7/2009	Kingsbury	2006/0241549 A1	10/2006	Sunnen	
D601,707 S	10/2009	Chouiller	2006/0282028 A1	12/2006	Howard et al.	
D608,006 S	1/2010	Avitable et al.	2007/0032778 A1	2/2007	Heaton et al.	
D612,947 S	3/2010	Turtzo et al.	2007/0068651 A1	3/2007	Gammons et al.	
D613,870 S *	4/2010	Shust	2007/0112401 A1	5/2007	Balachandran et al.	D24/206
7,717,869 B2	5/2010	Eischen, Sr.	2007/0118194 A1	5/2007	Mason et al.	
D618,358 S	6/2010	Avitable et al.	2007/0129658 A1	6/2007	Hampson et al.	
D619,267 S	7/2010	Beckwith et al.	2007/0260162 A1	11/2007	Meyer et al.	
D620,122 S	7/2010	Cotton	2007/0282249 A1	12/2007	Quisenberry	
D625,018 S	10/2010	Smith et al.	2008/0058911 A1	3/2008	Parish et al.	
D626,241 S	10/2010	Sagnip et al.	2008/0064992 A1	3/2008	Stewart et al.	
D626,242 S	10/2010	Sagnip et al.	2008/0071330 A1	3/2008	Quisenberry	
D626,243 S	10/2010	Sagnip et al.	2008/0082029 A1	4/2008	Diana	
D626,245 S	10/2010	Sagnip et al.	2008/0103422 A1	5/2008	Perry et al.	
D627,896 S	11/2010	Matsuo et al.	2008/0132976 A1	6/2008	Kane et al.	
D628,300 S	11/2010	Caden	2008/0249559 A1	10/2008	Brown et al.	
D630,759 S	1/2011	Matsuo et al.	2008/0319362 A1*	12/2008	Joseph	602/7
7,871,387 B2	1/2011	Tordella et al.	2009/0069731 A1	3/2009	Parish et al.	
D631,971 S	2/2011	Turtzo et al.	2009/0109622 A1	4/2009	Parish et al.	
D633,657 S	3/2011	Oban	2009/0149821 A1	6/2009	Scherson et al.	
D634,437 S	3/2011	Gramza et al.	2009/0254160 A1	10/2009	Shawver et al.	
D634,851 S	3/2011	Chiang	2010/0030306 A1	2/2010	Edelman et al.	
D635,266 S	3/2011	Chiang	2010/0081975 A1	4/2010	Avitable et al.	
D635,267 S	3/2011	Chiang	2010/0137764 A1	6/2010	Eddy	
7,896,910 B2	3/2011	Schirrmacher et al.	2010/0145421 A1	6/2010	Tomlinson et al.	
D636,497 S	4/2011	Giaccone	2010/0150991 A1	6/2010	Bernstein	
D638,950 S	5/2011	Janzon	2010/0249679 A1	9/2010	Perry et al.	
D640,380 S	6/2011	Tweardy et al.	2011/0009785 A1	1/2011	Meyer et al.	
D640,381 S	6/2011	Tweardy et al.	2011/0034861 A1	2/2011	Schaefer	

2011/0071447 A1 3/2011 Liu et al.
 2011/0082401 A1 4/2011 Iker et al.
 2011/0087142 A1 4/2011 Ravikumar et al.

FOREIGN PATENT DOCUMENTS

EP 0 489 326 6/1992
 GB 2373444 A 9/2002
 SU 689674 10/1979
 WO WO-93/09727 5/1993
 WO WO-00/40186 7/2000
 WO WO-01/14012 A1 3/2001

OTHER PUBLICATIONS

U.S. Appl. No. 12/730,060, Parish et al.
 U.S. Appl. No. 12/708,422, Balachandran et al.
 U.S. Appl. No. 12/871,188, Parish et al.
 U.S. Appl. No. 13/107,264, Quisenberry.
 U.S. Appl. No. 12/364,434, Quisenberry.
 U.S. Appl. No. 13/190,564, Quisenberry et al.
 U.S. Appl. No. 29/397,856, Quisenberry.
 U.S. Appl. No. 29/400,194, Quisenberry.
 U.S. Appl. No. 29/400,202, Quisenberry.
 U.S. Appl. No. 29/400,212, Quisenberry.
 U.S. Appl. No. 29/402,115, Quisenberry.

Artikis, T., PCT International Preliminary Report on Patentability as mailed Jul. 29, 2005, (10 pgs.).

Tom Lee, T.Y. et al; "Compact Liquid Cooling System for Small, Moveable Electronic Equipment", IEEE Transactions on Components, Hybrids, and Manufacturing Technology, Oct. 15, 1992, vol. 15, No. 5, pp. 786-793.

Copenheaver, Blaine R., "International Search Report" for PCT/US2007/022148 as mailed Apr. 2, 2008, 2 pages.

Young, Lee W., "International Search Report" for PCT/US07/08807 as mailed Mar. 3, 2008, (3 pages).

Mahmoud Karimi Azar Daryany, et al., "Photoinactivation of *Escherichia coli* and *Saccharomyces cerevisiae* Suspended in Phosphate-Buffered Saline-A Using 266- and 355-nm Pulsed Ultraviolet Light", Curr Microbiol, vol. 56, 2008, pp. 423-428.

J. Li, et al., "Enhanced germicidal effects of pulsed UV-LED irradiation on biofilms", Journal of Applied Microbiology, 2010, pp. 1-8. Cyro/Temp Therapy Systems; Product News Catalogue; Jobst Institute, Inc., 6 pages (Copyright 1982).

Quisenberry, Tony, "U.S. Appl. No. 13/359,210," filed Jan. 26, 2012.

Quisenberry, Tony, "U.S. Appl. No. 13/456,410," filed Apr. 26, 2012.

Quisenberry, Tony, "U.S. Appl. No. 13/558,615," filed Jul. 26, 2012.

* cited by examiner

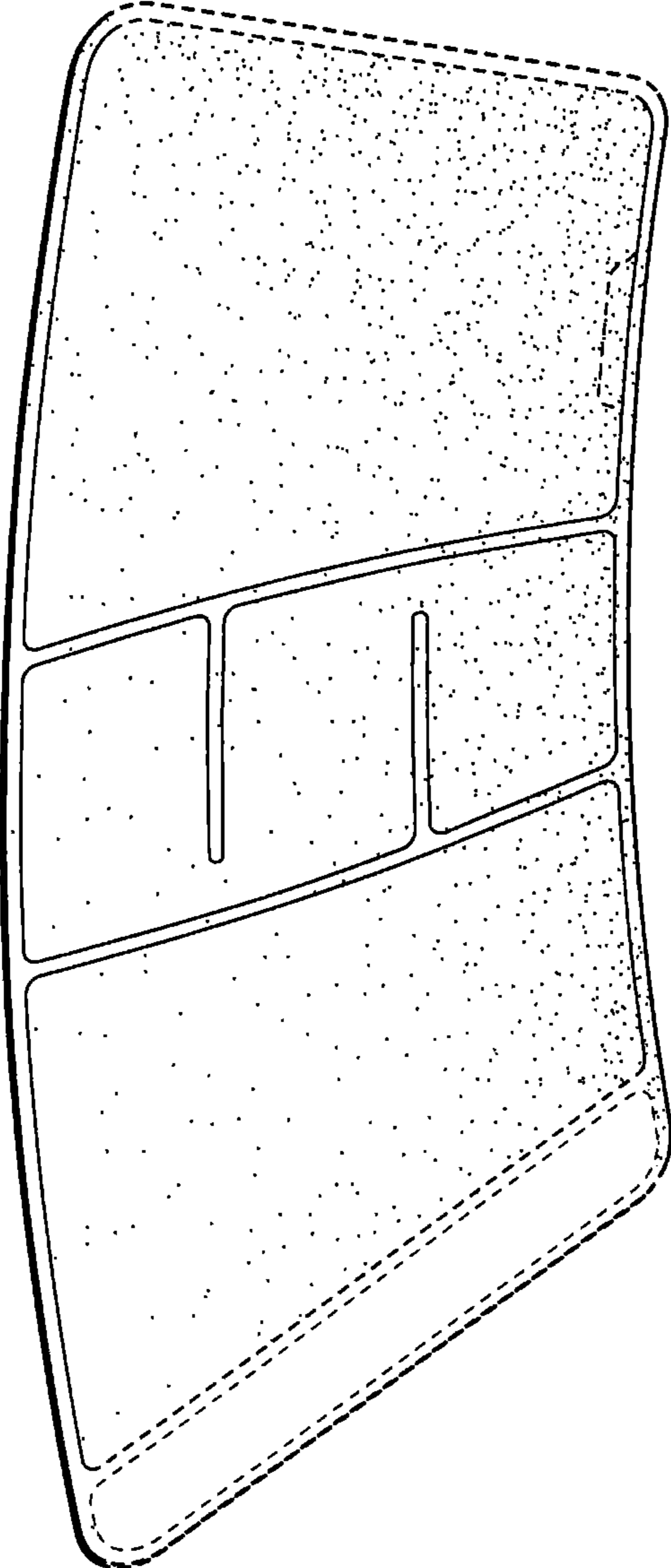


FIG. 1

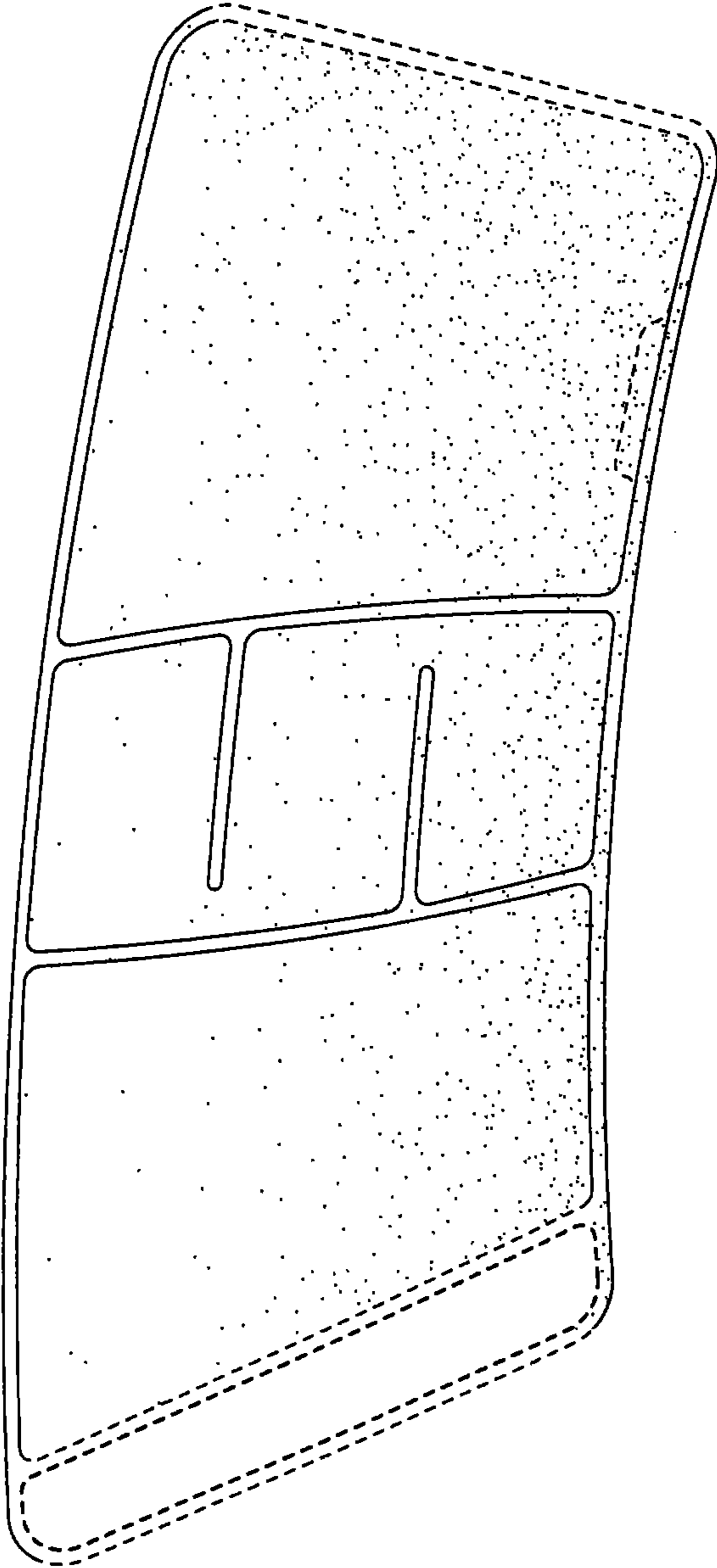


FIG. 2

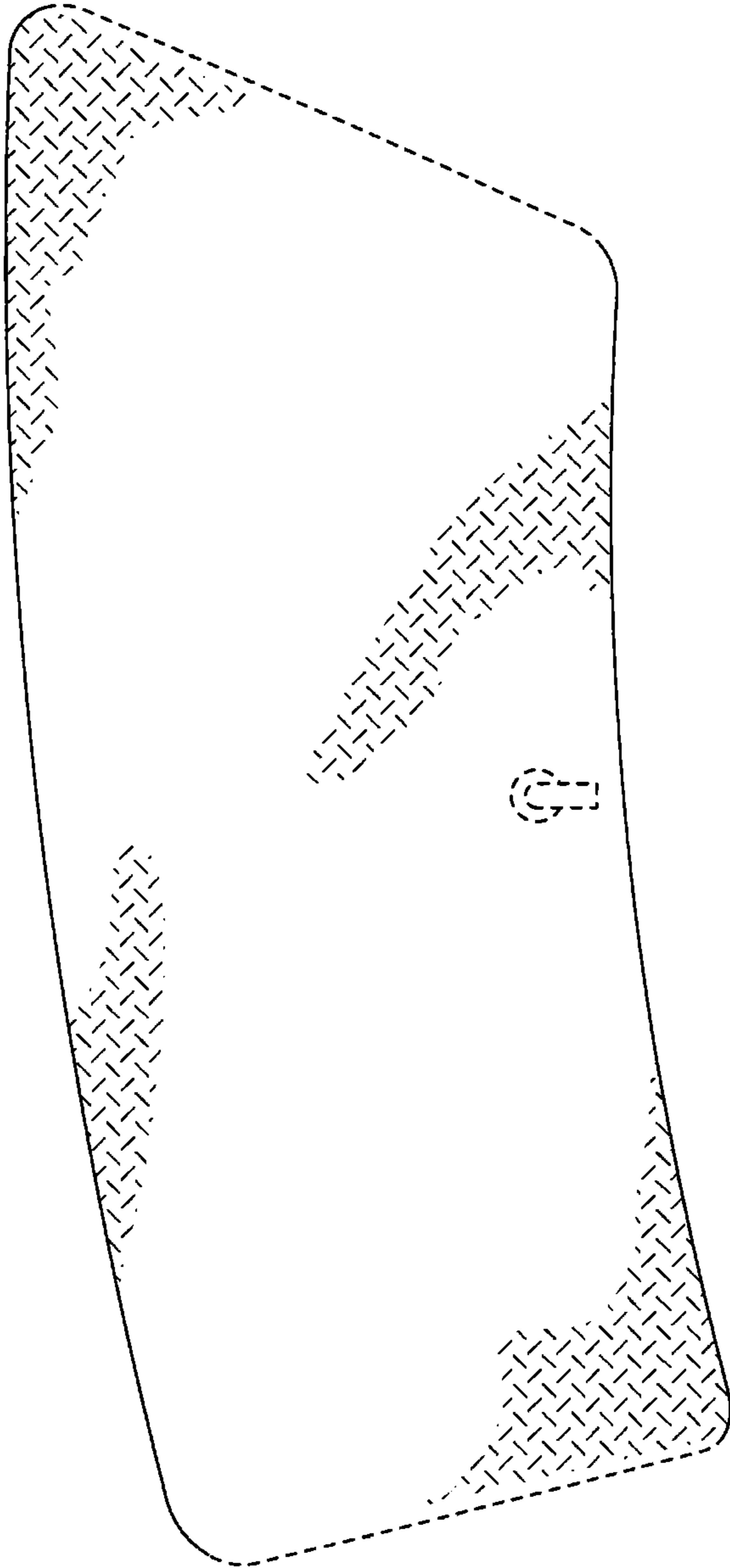


FIG. 3