



US00D662214S

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

(10) **Patent No.:** **US D662,214 S**
(45) **Date of Patent:** **** Jun. 19, 2012**

- (54) **CIRCUMFERENTIAL LEG WRAP**
- (75) Inventor: **Tony Quisenberry**, Highland Village, TX (US)
- (73) Assignee: **ThermoTek, Inc.**, Flower Mound, TX (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/400,212**
- (22) Filed: **Aug. 24, 2011**

- 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
- 4,206,751 A 6/1980 Schneider
- 4,224,941 A 9/1980 Stivala
- 4,375,217 A 3/1983 Arkans
- 4,402,312 A 9/1983 Villari et al.
- 4,459,468 A 7/1984 Bailey
- 4,459,822 A 7/1984 Pasternack
- 4,503,484 A 3/1985 Moxon
- 4,547,906 A 10/1985 Nishida et al.
- 4,597,384 A 7/1986 Whitney

(Continued)

Related U.S. Application Data

- (63) 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.** **24-04**
- (52) **U.S. Cl.** **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
See application file for complete search history.

FOREIGN PATENT DOCUMENTS

- CH 670 541 6/1989
(Continued)

OTHER PUBLICATIONS

- U.S. Appl. No. 29/402,115, Quisenberry.
(Continued)

Primary Examiner — David Muller
(74) *Attorney, Agent, or Firm* — Winstead PC

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 773,828 A 11/1904 Titus et al.
- 2,110,022 A 3/1938 Kliessrath
- 2,504,308 A 4/1950 Donkle, Jr.
- 3,014,117 A 12/1961 Madding
- 3,164,152 A 1/1965 Vere Nicoll
- 3,345,641 A 10/1967 Jennings
- 3,367,319 A 2/1968 Carter, Jr.
- 3,608,091 A 9/1971 Olson et al.
- 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.

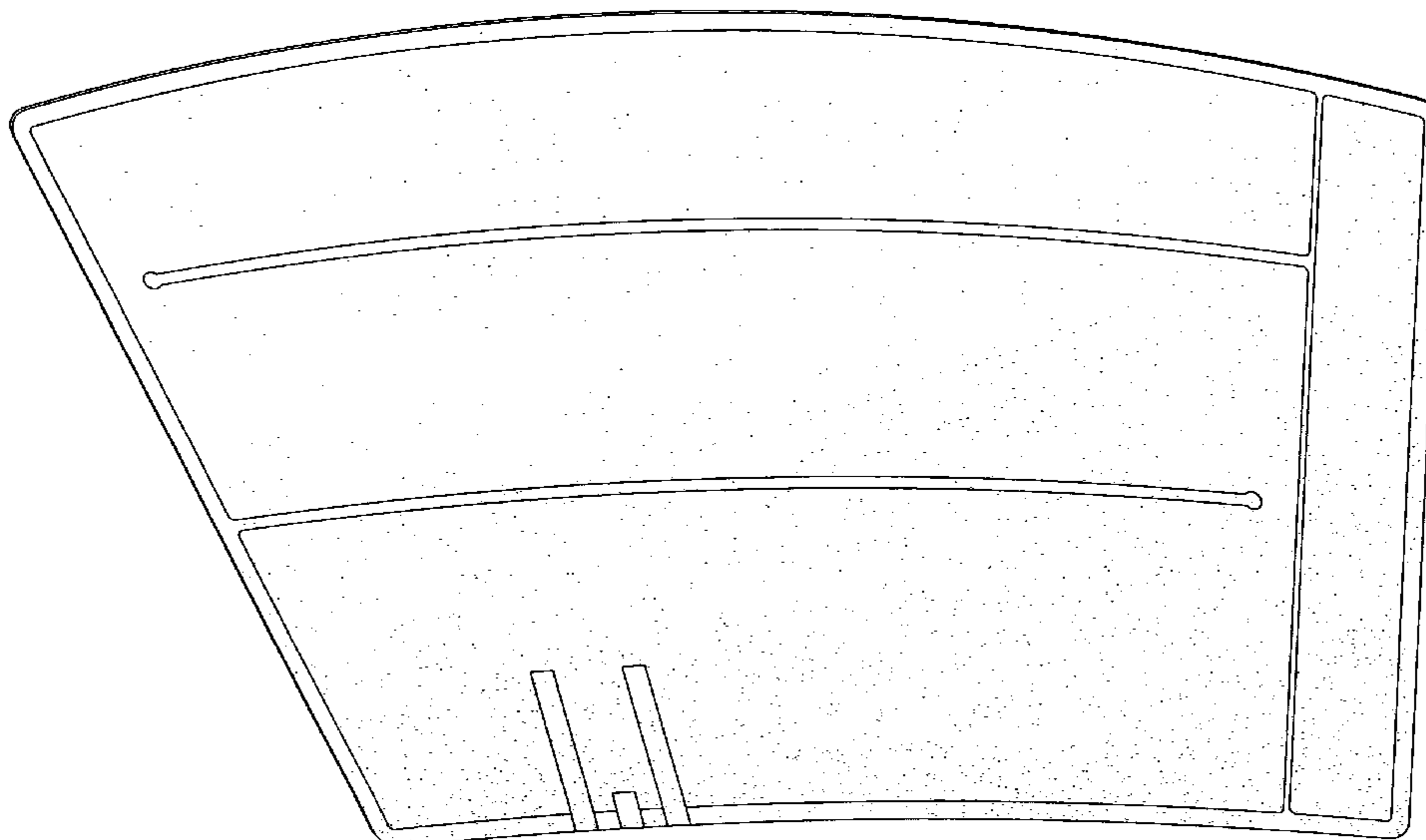
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a circumferential leg wrap in accordance with the design;
FIG. 2 is a top plan view of the circumferential leg wrap in accordance with the design; and,
FIG. 3 is a bottom plan view of the circumferential leg wrap in accordance with the design.

1 Claim, 3 Drawing Sheets



US D662,214 S

U.S. PATENT DOCUMENTS					
4,608,041 A	8/1986	Nielsen	5,588,954 A	12/1996	Ribando et al.
4,660,388 A	4/1987	Greene, Jr.	5,591,200 A	1/1997	Cone et al.
4,741,338 A	5/1988	Miyamae	5,648,716 A	7/1997	Devilbiss et al.
4,821,354 A	4/1989	Little	D383,546 S	9/1997	Amis et al.
4,844,072 A	7/1989	French et al.	D383,547 S	9/1997	Mason et al.
4,884,304 A	12/1989	Elkins	D383,848 S	9/1997	Mason et al.
4,901,200 A	2/1990	Mazura	5,662,695 A	9/1997	Mason et al.
4,911,231 A	3/1990	Horne et al.	5,672,152 A	9/1997	Mason et al.
4,962,761 A	10/1990	Golden	5,675,473 A	10/1997	McDunn et al.
4,969,881 A	11/1990	Viesturs	5,682,748 A	11/1997	DeVilbiss et al.
4,979,375 A	12/1990	Nathans et al.	5,689,957 A	11/1997	DeVilbiss et al.
4,996,970 A	3/1991	Legare	5,690,849 A	11/1997	DeVilbiss et al.
5,044,364 A	9/1991	Crowther	5,711,155 A	1/1998	DeVilbiss et al.
5,051,562 A	9/1991	Bailey et al.	D393,073 S	3/1998	Downing et al.
5,067,040 A	11/1991	Fallik	5,731,954 A	3/1998	Cheon
5,080,089 A	1/1992	Mason et al.	5,733,321 A	3/1998	Brink
5,090,409 A	2/1992	Genis	D394,707 S *	5/1998	Tsubooka D24/190
5,092,271 A	3/1992	Kleinsasser	5,755,755 A	5/1998	Panyard
5,097,829 A	3/1992	Quisenberry	5,772,618 A	6/1998	Mason et al.
5,106,373 A	4/1992	Augustine et al.	5,782,780 A	7/1998	Mason et al.
5,112,045 A	5/1992	Mason et al.	5,795,312 A	8/1998	Dye
5,125,238 A	6/1992	Ragan et al.	5,807,294 A	9/1998	Cawley et al.
5,165,127 A	11/1992	Nicholson	5,827,208 A	10/1998	Mason
5,179,941 A	1/1993	Siemssen et al.	5,831,824 A	11/1998	McDunn et al.
5,184,612 A	2/1993	Augustine	D403,779 S	1/1999	Davis et al.
5,186,698 A	2/1993	Mason et al.	D404,490 S *	1/1999	Tripolsky D24/190
5,230,335 A	7/1993	Johnson, Jr. et al.	D405,884 S	2/1999	Roper
5,232,020 A	8/1993	Mason et al.	5,871,526 A	2/1999	Gibbs et al.
5,241,951 A	9/1993	Mason et al.	5,890,371 A	4/1999	Rajasubramanian et al.
5,243,706 A	9/1993	Frim et al.	5,901,037 A	5/1999	Hamilton et al.
5,263,538 A	11/1993	Amidieu et al.	5,923,533 A	7/1999	Olson
5,285,347 A	2/1994	Fox et al.	5,947,914 A	9/1999	Augustine
D345,082 S	3/1994	Wenzl	5,980,561 A	11/1999	Kolen et al.
D345,609 S	3/1994	Mason et al.	5,989,285 A	11/1999	DeVilbiss et al.
D345,802 S	4/1994	Mason et al.	6,007,559 A	12/1999	Arkans
D345,803 S	4/1994	Mason et al.	6,055,157 A	4/2000	Bartilson
5,300,101 A	4/1994	Augustine et al.	6,058,010 A	5/2000	Schmidt et al.
5,300,102 A	4/1994	Augustine et al.	6,058,712 A	5/2000	Rajasubramanian et al.
5,300,103 A	4/1994	Stempel et al.	6,080,120 A	6/2000	Sandman et al.
5,303,716 A	4/1994	Mason et al.	D428,153 S	7/2000	Davis
5,316,250 A	5/1994	Mason et al.	D430,288 S	8/2000	Mason et al.
D348,106 S	6/1994	Mason et al.	D430,289 S	8/2000	Mason et al.
5,323,847 A	6/1994	Koizumi et al.	6,117,164 A	9/2000	Gildersleeve et al.
5,324,319 A	6/1994	Mason et al.	6,125,036 A	9/2000	Kang et al.
5,324,320 A	6/1994	Augustine et al.	6,129,688 A	10/2000	Arkans
D348,518 S	7/1994	Mason et al.	6,135,116 A	10/2000	Vogel et al.
5,330,519 A	7/1994	Mason et al.	6,176,869 B1	1/2001	Mason et al.
5,336,250 A	8/1994	Augustine	6,186,977 B1	2/2001	Andrews et al.
5,343,579 A	9/1994	Dickerhoff et al.	6,238,427 B1	5/2001	Matta
5,350,417 A	9/1994	Augustine	6,260,890 B1	7/2001	Mason
D351,472 S	10/1994	Mason et al.	6,270,481 B1	8/2001	Mason et al.
5,352,174 A	10/1994	Mason et al.	6,295,819 B1	10/2001	Mathiprakasam et al.
5,354,117 A	10/1994	Danielson et al.	6,305,180 B1	10/2001	Miller et al.
D352,781 S	11/1994	Mason et al.	6,319,114 B1	11/2001	Nair et al.
5,360,439 A	11/1994	Dickerhoff et al.	6,352,550 B1	3/2002	Gildersleeve et al.
5,370,178 A	12/1994	Agonafer et al.	6,358,219 B1	3/2002	Arkans
5,371,665 A	12/1994	Quisenberry et al.	6,368,592 B1	4/2002	Colton et al.
D354,138 S	1/1995	Kelly	6,436,064 B1	8/2002	Kloecker
D357,747 S	4/1995	Kelly	6,443,978 B1	9/2002	Zharov
5,402,542 A	4/1995	Viard	6,462,949 B1	10/2002	Parish, IV et al.
5,405,370 A	4/1995	Irani	6,508,831 B1	1/2003	Kushnir
5,405,371 A	4/1995	Augustine et al.	D472,322 S *	3/2003	Hoglund et al. D24/206
5,407,421 A	4/1995	Goldsmith	D473,315 S	4/2003	Miros et al.
D358,216 S	5/1995	Dye	D473,656 S	4/2003	Miros et al.
5,411,494 A	5/1995	Rodriguez	D473,948 S	4/2003	Elkins et al.
5,411,541 A	5/1995	Bell et al.	6,551,264 B1	4/2003	Cawley et al.
5,417,720 A	5/1995	Mason	D474,544 S *	5/2003	Hoglund et al. D24/206
5,440,450 A	8/1995	Lau et al.	6,562,060 B1	5/2003	Momtaheni
5,449,379 A	9/1995	Hadtke	6,596,016 B1	7/2003	Vreman
5,466,250 A	11/1995	Johnson, Jr. et al.	6,648,904 B2	11/2003	Altshuler et al.
5,496,262 A	3/1996	Johnson, Jr. et al.	D484,601 S	12/2003	Griffiths et al.
5,507,792 A	4/1996	Mason	D484,602 S	12/2003	Griffiths et al.
5,509,894 A	4/1996	Mason et al.	6,660,027 B2	12/2003	Gruszecki et al.
5,528,485 A	6/1996	Devilbiss et al.	6,667,883 B1	12/2003	Solis et al.
5,561,981 A	10/1996	Quisenberry et al.	6,675,072 B1	1/2004	Kerem
5,566,062 A	10/1996	Quisenberry et al.	D486,870 S	2/2004	Mason
D376,013 S	11/1996	Sandman et al.	6,695,823 B1	2/2004	Lina et al.
5,578,022 A	11/1996	Scherson et al.	6,719,713 B2	4/2004	Mason
			6,719,728 B2	4/2004	Mason et al.

US D662,214 S

6,736,787 B1 5/2004 McEwen et al.
D492,411 S 6/2004 Bierman
6,775,137 B2 8/2004 Chu et al.
D496,108 S * 9/2004 Machin et al. D24/206
6,789,024 B1 9/2004 Kochan, Jr. et al.
6,802,823 B2 10/2004 Mason
D499,846 S * 12/2004 Cesko D29/101.5
6,834,712 B2 12/2004 Parish et al.
6,846,295 B1 1/2005 Ben-Nun
6,848,498 B2 2/2005 Seki et al.
6,855,158 B2 2/2005 Stolpmann
6,893,414 B2 5/2005 Goble et al.
D506,553 S 6/2005 Tesluk
6,935,409 B1 8/2005 Parish, IV et al.
6,936,019 B2 8/2005 Mason
D510,140 S 9/2005 Brown
D510,626 S 10/2005 Krahner et al.
D515,218 S 2/2006 McGuire et al.
D523,147 S 6/2006 Tesluk
7,066,949 B2 6/2006 Gammons et al.
7,081,128 B2 7/2006 Hart et al.
D533,668 S 12/2006 Brown
D551,351 S * 9/2007 Silva D24/190
7,306,568 B2 12/2007 Diana
7,354,411 B2 4/2008 Perry et al.
D568,482 S 5/2008 Gramza et al.
7,429,252 B2 9/2008 Sarangapani
7,484,552 B2 2/2009 Pfahnl
7,492,252 B2 2/2009 Maruyama
D601,707 S 10/2009 Chouiller
D608,006 S 1/2010 Avitable et al.
D612,947 S 3/2010 Turtzo et al.
D618,358 S 6/2010 Avitable et al.
D619,267 S 7/2010 Beckwith et al.
D620,122 S 7/2010 Cotton
D625,018 S 10/2010 Smith et al.
D626,241 S 10/2010 Sagnip et al.
D626,242 S 10/2010 Sagnip et al.
D626,243 S 10/2010 Sagnip et al.
D626,245 S 10/2010 Sagnip et al.
D627,896 S * 11/2010 Matsuo et al. D24/206
D628,300 S * 11/2010 Caden D24/190
D630,759 S 1/2011 Matsuo et al.
7,871,387 B2 1/2011 Tordella et al.
D634,437 S 3/2011 Gramza et al.
D634,851 S * 3/2011 Chiang D24/190
D635,266 S * 3/2011 Chiang D24/190
D635,267 S * 3/2011 Chiang D24/190
7,896,910 B2 3/2011 Schirmmacher et al.
D636,497 S * 4/2011 Giaccone D24/206
D638,950 S 5/2011 Janzon
D640,380 S 6/2011 Twardy et al.
D640,381 S 6/2011 Twardy et al.
2001/0039439 A1 11/2001 Elkins et al.
2002/0116041 A1 8/2002 Daoud
2002/0143373 A1 10/2002 Courtneage et al.
2003/0050594 A1 3/2003 Zamierowski
2003/0083610 A1 5/2003 McGrath et al.
2003/0089486 A1 5/2003 Parish et al.
2003/0089487 A1 5/2003 Parish, IV et al.
2003/0127215 A1 7/2003 Parish, IV et al.
2003/0135252 A1 7/2003 MacHold et al.
2003/0163183 A1 8/2003 Carson
2004/0008483 A1 1/2004 Cheon
2004/0030281 A1 2/2004 Goble et al.
2004/0046108 A1 3/2004 Spector
2004/0054307 A1 3/2004 Mason et al.
2004/0068309 A1 4/2004 Edelman
2004/0099407 A1 5/2004 Parish, IV et al.
2004/0193218 A1 9/2004 Butler
2004/0221604 A1 11/2004 Ota et al.
2004/0260231 A1 12/2004 Goble et al.
2005/0004636 A1 1/2005 Noda et al.
2005/0006061 A1 1/2005 Quisenberry et al.
2005/0033390 A1 2/2005 McConnell
2005/0039887 A1 2/2005 Parish, IV et al.
2005/0070828 A1 3/2005 Hampson et al.
2005/0070835 A1 3/2005 Joshi
2005/0133214 A1 6/2005 Pfahnl

2005/0143797 A1 6/2005 Parish et al.
2005/0177093 A1 8/2005 Barry et al.
2005/0182364 A1 8/2005 Burchman
2005/0256556 A1 11/2005 Schirmmacher et al.
2005/0274120 A1 12/2005 Quisenberry et al.
2005/0284615 A1 12/2005 Parish et al.
2006/0034053 A1 2/2006 Parish et al.
2006/0058714 A1 3/2006 Rhoades
2006/0116620 A1 6/2006 Oyaski
2006/0241549 A1 10/2006 Sunnen
2006/0282028 A1 12/2006 Howard et al.
2007/0068651 A1 3/2007 Gammons et al.
2007/0112401 A1 5/2007 Balachandran et al.
2007/0118194 A1 5/2007 Mason et al.
2007/0129658 A1 6/2007 Hampson et al.
2007/0260162 A1 11/2007 Meyer et al.
2007/0282249 A1 12/2007 Quisenberry
2008/0058911 A1 3/2008 Parish et al.
2008/0064992 A1 3/2008 Stewart et al.
2008/0071330 A1 3/2008 Quisenberry
2008/0132976 A1 6/2008 Kane et al.
2008/0249559 A1 10/2008 Brown et al.
2009/0069731 A1 3/2009 Parish et al.
2009/0109622 A1 4/2009 Parish et al.
2009/0149821 A1 6/2009 Scherson et al.
2010/0030306 A1 2/2010 Edelman et al.
2010/0081975 A1 4/2010 Avitable et al.
2010/0137764 A1 6/2010 Eddy
2010/0145421 A1 6/2010 Tomlinson et al.
2010/0249679 A1 9/2010 Perry et al.
2011/0009785 A1 1/2011 Meyer et al.
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

DE	35 22 127	1/1987
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.
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).
U.S. Appl. No. 29/397,856, Quisenberry.
U.S. Appl. No. 29/400,194, Quisenberry.
U.S. Appl. No. 29/400,202, Quisenberry.
Quisenberry, Tony, "U.S. Appl. No. 13/359,210," filed Jan. 26, 2012.

* cited by examiner

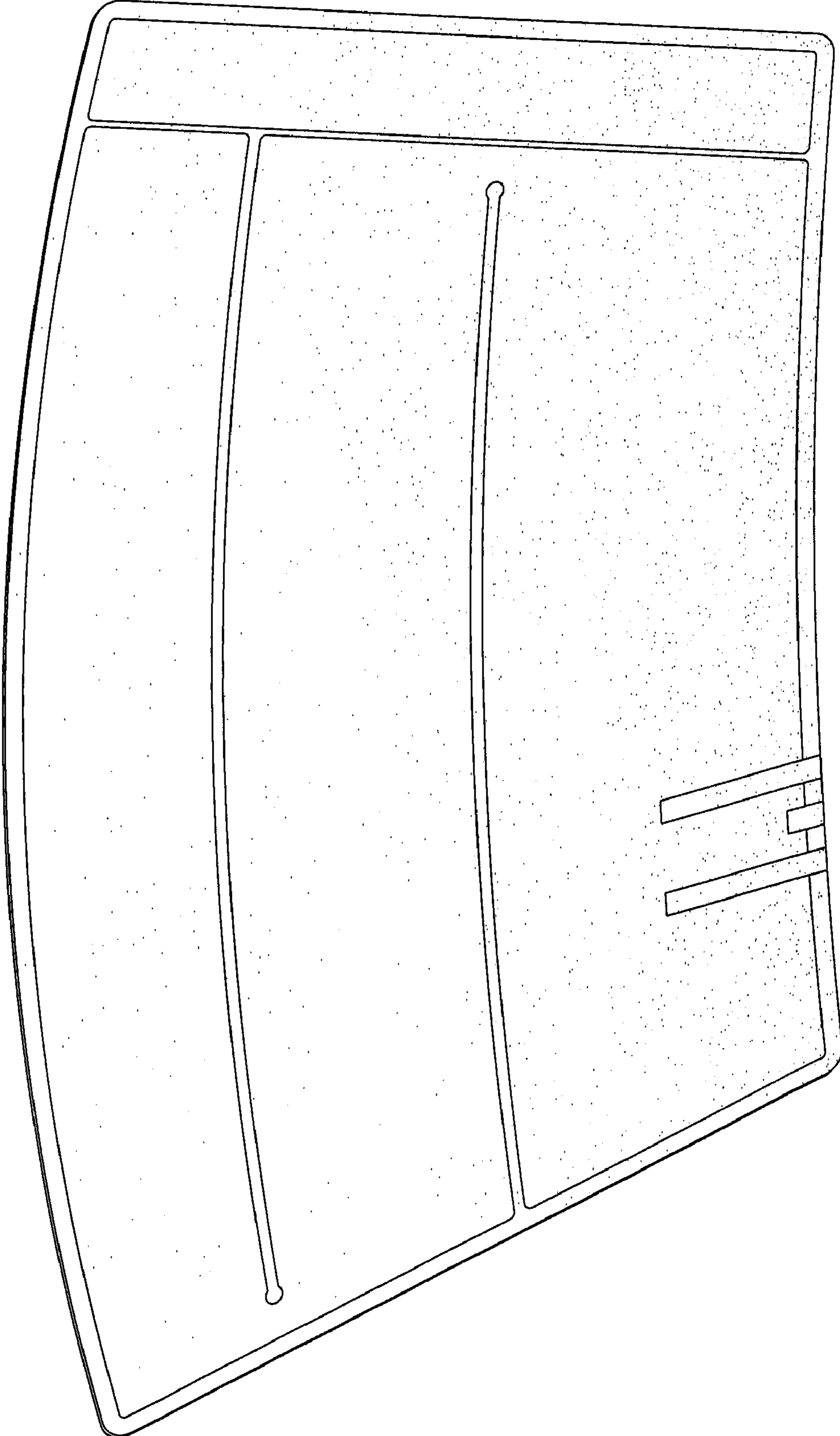


FIG. 1

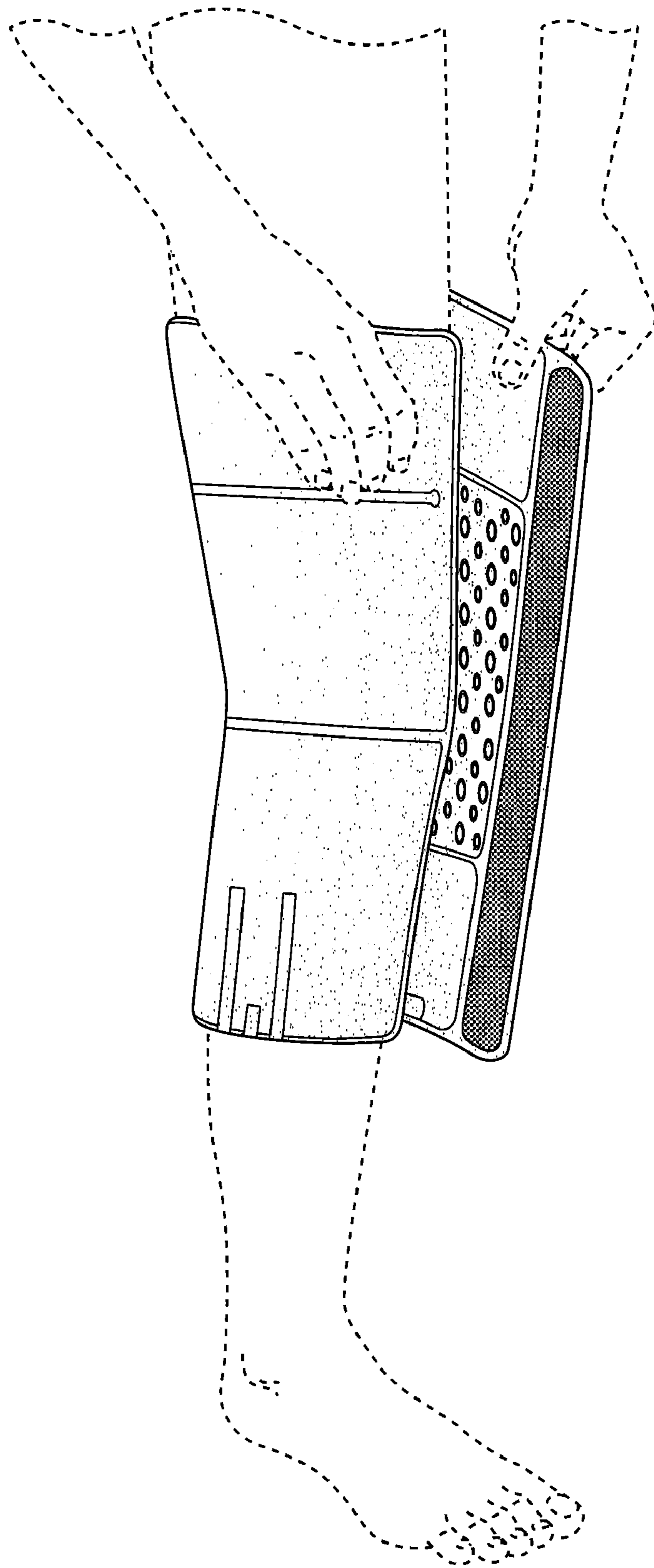


FIG. 2

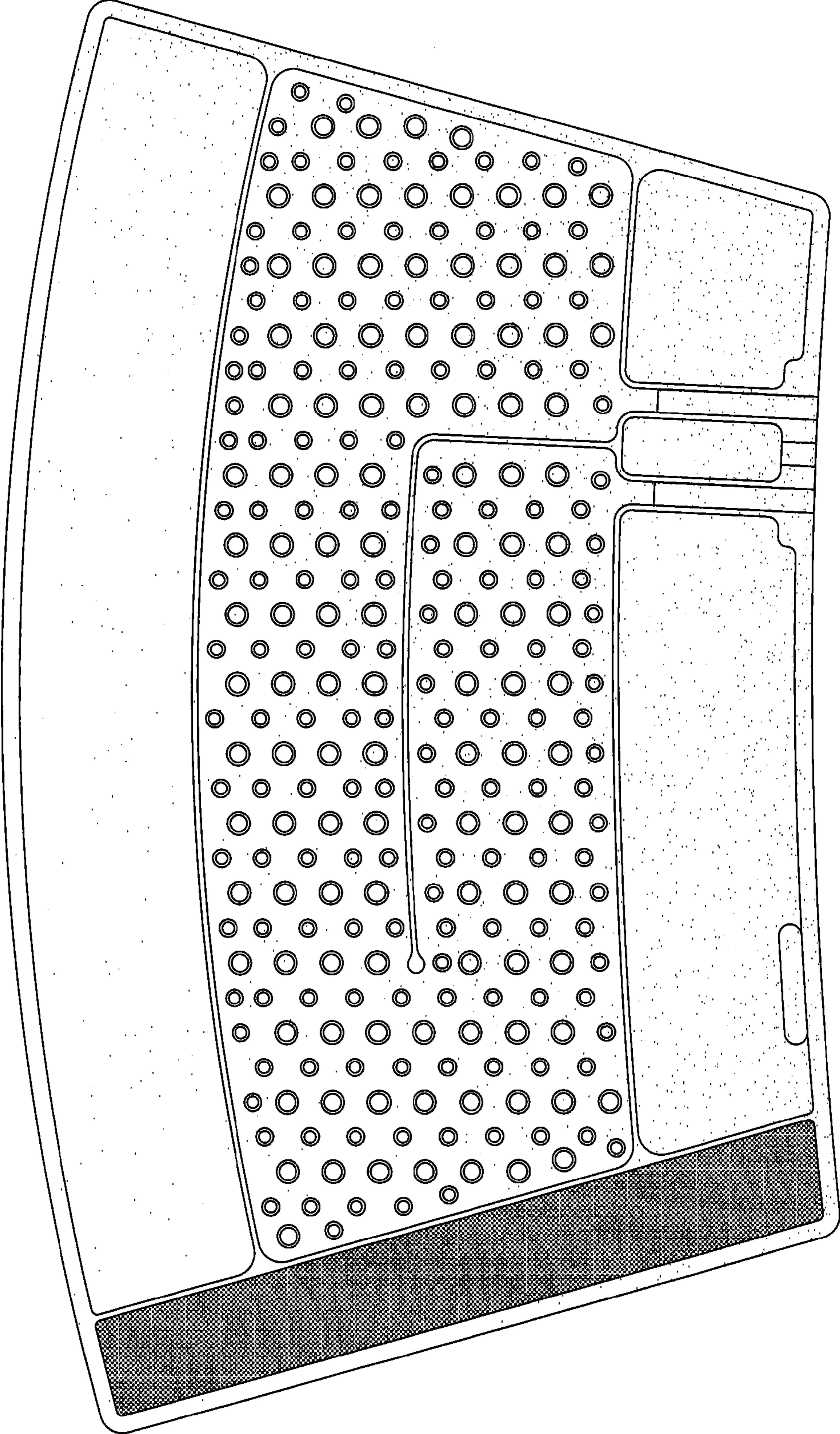


FIG. 3

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D662,214 S
APPLICATION NO. : 29/400212
DATED : June 19, 2012
INVENTOR(S) : Tony Quisenberry

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page should be deleted and substitute therefor the attached title page.

Drawings:

Delete Drawing Sheets 1-3, and substitute therefor the drawing Sheets, consisting of Figs. 1-3, as shown on the attached pages.

Signed and Sealed this
Thirteenth Day of May, 2014



Michelle K. Lee
Deputy Director of the United States Patent and Trademark Office

(12) **United States Design Patent** (10) **Patent No.:** **US D662,214 S**
Quisenberry (45) **Date of Patent:** **** Jun. 19, 2012**

(54) **CIRCUMFERENTIAL LEG WRAP**
 (75) Inventor: **Tony Quisenberry**, Highland Village, TX (US)
 (73) Assignee: **ThermoTek, Inc.**, Flower Mound, TX (US)
 (**) Term: **14 Years**
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3,744,555 A 7/1973 Fletcher et al.
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 4,206,751 A 6/1980 Schneider
 4,224,941 A 9/1980 Stivala
 4,375,217 A 3/1983 Arkans
 4,402,312 A 9/1983 Villari et al.
 4,459,458 A 7/1984 Bailey
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Related U.S. Application Data

(63) 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.** **24-04**
 (52) **U.S. Cl.** **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**
 See application file for complete search history.

FOREIGN PATENT DOCUMENTS

CH 670 541 6/1989
 (Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/402,115, Quisenberry.
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Primary Examiner David Muller
 (74) *Attorney, Agent, or Firm* -- Winstead PC

CLAIM

(57) The ornamental design for a circumferential leg wrap, as shown and described.

DESCRIPTION

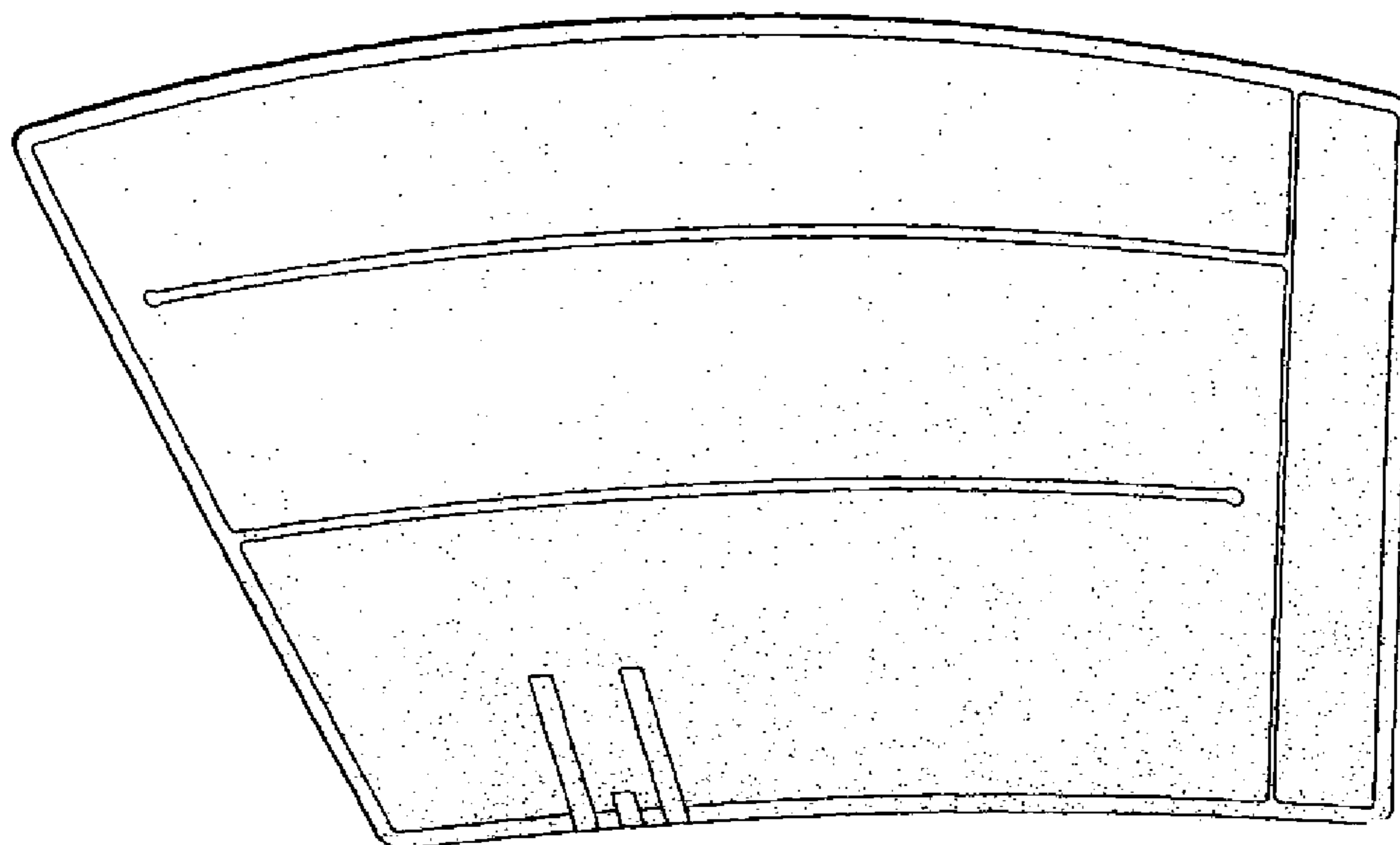
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U.S. PATENT DOCUMENTS

773,828 A	11/1904	Titus et al.
2,110,022 A	3/1938	Kliesrath
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3,164,152 A	1/1965	Vere Nicoll
3,345,641 A	10/1967	Jennings
3,367,319 A	2/1968	Carter, Jr.
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3,744,053 A	7/1973	Parker et al.



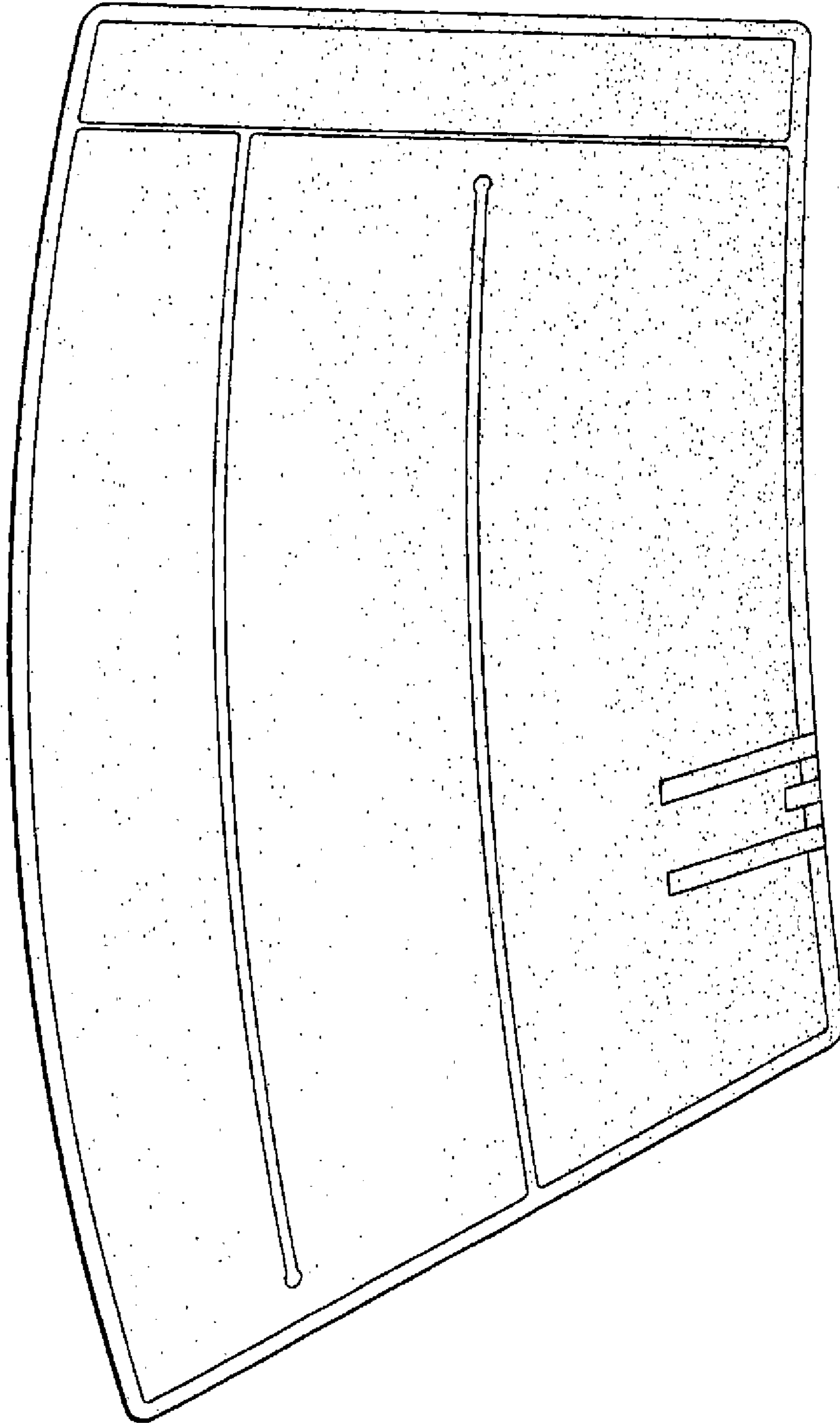


FIG. 1

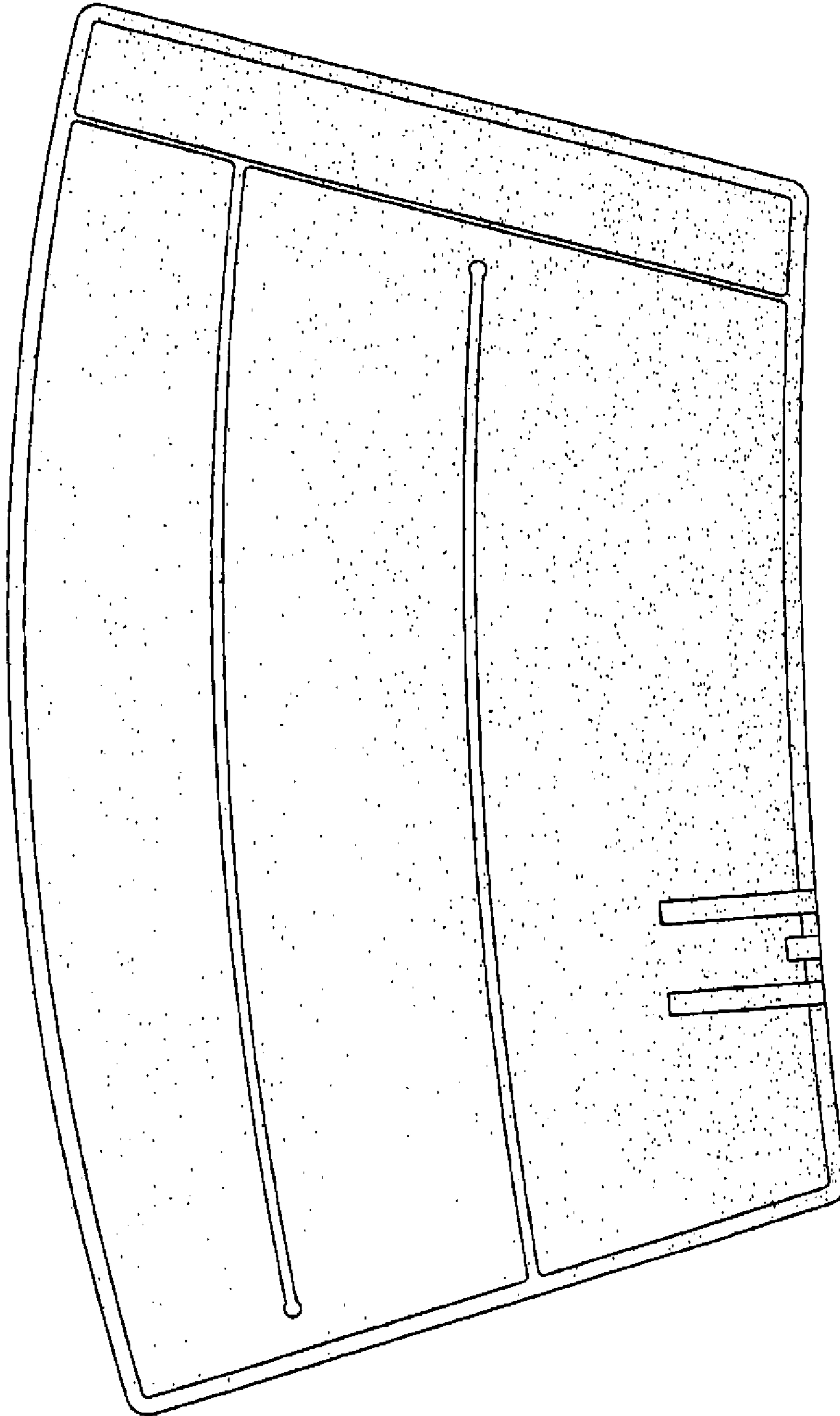


FIG. 2

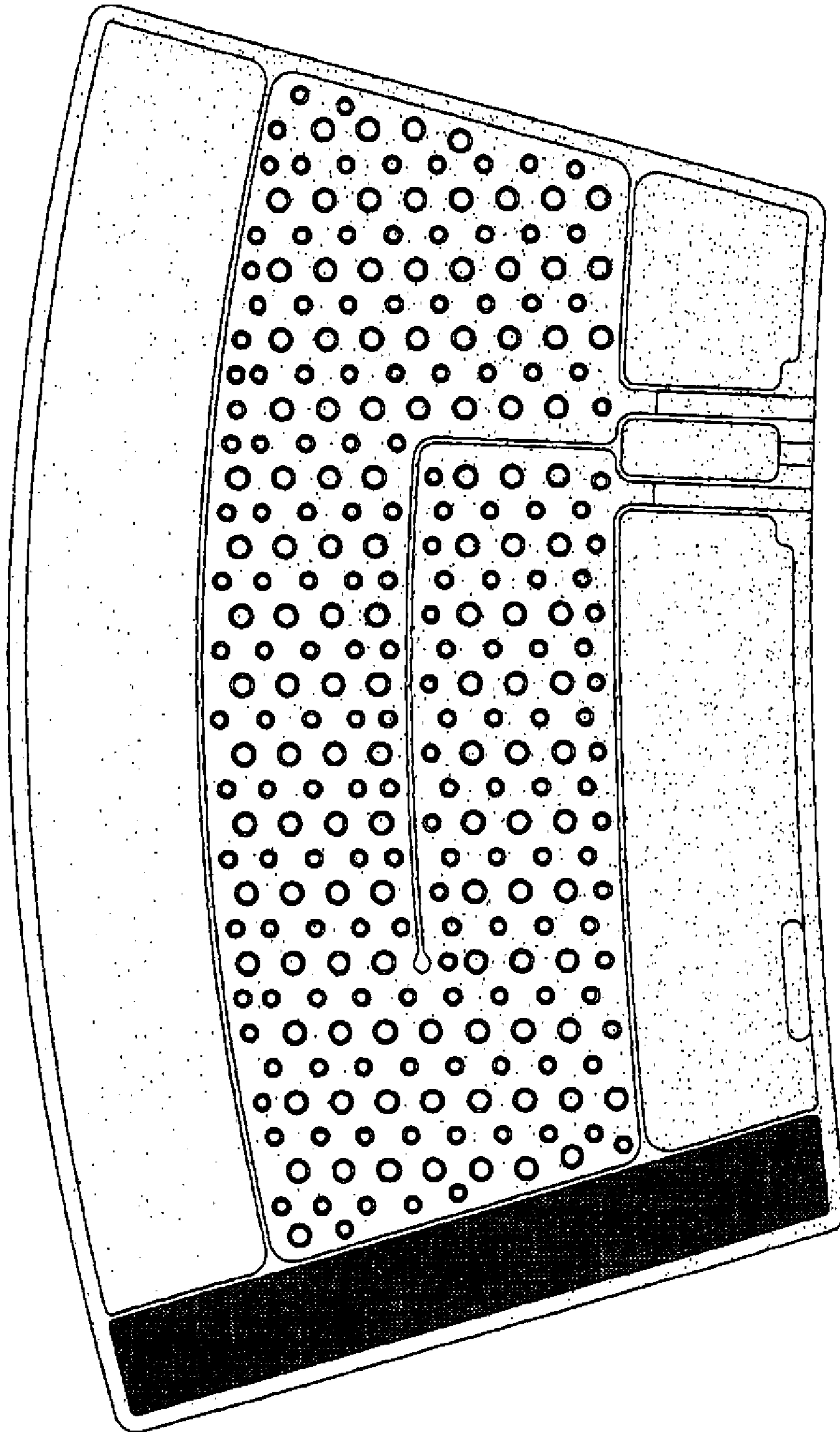


FIG. 3