

The
United
States
of
America



**The Director of the United States
Patent and Trademark Office**

Has received an application for a patent for a new, original, and ornamental design for an article of manufacture. The title and description of the design are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the design shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the design throughout the United States of America or importing the design into the United States of America for the term of fourteen years from the date of grant of this patent, subject to any disclaimer under 35 U.S.C. 253.

David J. Kappas

Director of the United States Patent and Trademark Office



US00D649680S

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

(10) **Patent No.:** **US D649,680 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LIGHT EMITTING DIODE
BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Warsaw (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,130**

(22) Filed: **Jun. 13, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0001

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

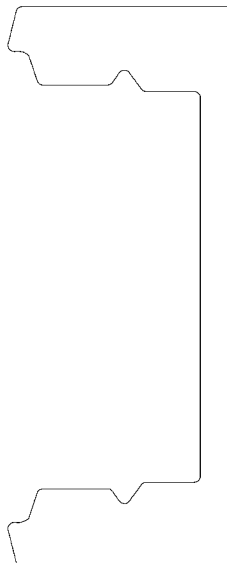
The ornamental design for an extrusion for light emitting diode based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for light emitting diode based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,680 S

Page 2

U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125
D290,404	S	*	6/1987	Stoler	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120
D294,867	S	*	3/1988	Meshulam	.....	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119
D301,304	S	*	5/1989	Will	.....	D8/373
D310,775	S	*	9/1990	Ruonala	.....	D8/377
D317,513	S	*	6/1991	Miller et al.	.....	D26/140
5,040,347	A	*	8/1991	Valvis	.....	52/204.591
D320,902	S	*	10/1991	Leist	.....	D6/491
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124
D326,140	S	*	5/1992	Dekel	.....	D23/267
D326,724	S	*	6/1992	Boer	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119
D329,707	S	*	9/1992	Embree et al.	.....	D25/119
D335,353	S	*	5/1993	Baker	.....	D25/38
D337,257	S	*	7/1993	Danieli	.....	D8/376
D342,579	S	*	12/1993	Mason	.....	D25/119
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119
D345,268	S	*	3/1994	Pate	.....	D6/511
D348,940	S	*	7/1994	Clark et al.	.....	D25/124
D353,467	S	*	12/1994	Raynes	.....	D25/38
D356,645	S	*	3/1995	Boer	.....	D25/119
5,430,627	A	*	7/1995	Nagano	.....	362/146
5,499,170	A	*	3/1996	Gagne	.....	362/84
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94
D375,324	S	*	11/1996	Grass	.....	D20/11
D378,432	S	*	3/1997	Raynes	.....	D25/164
D379,237	S	*	5/1997	Leonelli	.....	D25/119
D379,524	S	*	5/1997	Leonelli	.....	D25/119
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155
D393,083	S	*	3/1998	Caltrider	.....	D25/199
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202
D397,231	S	*	8/1998	Saxer	.....	D25/119
D417,607	S	*	12/1999	Vining	.....	D8/373
6,074,074	A	*	6/2000	Marcus	.....	362/240
6,107,576	A	*	8/2000	Morton et al.	.....	174/101
D432,672	S	*	10/2000	Grosfillex	.....	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124
D443,198	S	*	6/2001	Snyder	.....	D8/354
D445,211	S	*	7/2001	Baker	.....	D26/76
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5
6,302,560	B1	*	10/2001	Lai	.....	362/235
D450,234	S	*	11/2001	Bosgoed	.....	D8/377
D453,971	S	*	2/2002	Baker	.....	D25/124
6,361,186	B1	*	3/2002	Slayden	.....	362/241
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146
D482,405	S	*	11/2003	McIlvaine	.....	D20/43
D483,443	S	*	12/2003	Forsberg	.....	D23/267
6,659,623	B2	*	12/2003	Friend	.....	362/249.06
D486,340	S	*	2/2004	Sudano	.....	D6/577
D489,463	S	*	5/2004	Barnett	.....	D25/119
D489,830	S	*	5/2004	Barnett	.....	D25/119
D497,758	S	*	11/2004	Goldberg	.....	D6/580
D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
7,034,227	B2	*	4/2006	Fox	.....	174/95
D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D534,790	S	*	1/2007	Garda	.....	D8/377
D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D551,774	S	*	9/2007	McGinness	.....	D25/38
D552,259	S	*	10/2007	Allsopp	.....	D25/119
D554,422	S	*	11/2007	Lin	.....	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D557,825	S	*	12/2007	Willman et al.	.....	D25/124
7,303,310	B2	*	12/2007	You et al.	.....	362/240
D560,822	S	*	1/2008	Flechsigs	.....	D25/121
7,331,689	B2	*	2/2008	Chen	.....	362/240
7,347,606	B1	*	3/2008	Patten	.....	362/565
D574,509	S	*	8/2008	Koch	.....	D25/38
D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D598,574	S	*	8/2009	Bergmann	.....	D25/122
D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D600,401	S	*	9/2009	Varrin	.....	D26/138
D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D602,346	S	*	10/2009	Allsopp	.....	D8/369
D606,793	S	*	12/2009	Allsopp	.....	D6/580
7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D611,169	S	*	3/2010	Harder	.....	D25/122
D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D621,090	S	*	8/2010	Klu	.....	D26/138
D621,961	S	*	8/2010	Gardner	.....	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
D623,342	S	*	9/2010	Klu	.....	D26/138
D623,343	S	*	9/2010	Klu	.....	D26/138
D625,463	S	*	10/2010	Klu	.....	D26/138
D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D626,839	S	*	11/2010	Gross et al.	.....	D9/456
7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
D631,171	S	*	1/2011	Konrad	.....	D25/49
D634,063	S	*	3/2011	Peifer	.....	D26/138
D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D639,098	S	*	6/2011	Bosgoed	.....	D6/580
D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	.....	362/237
2006/0191101	A1	*	8/2006	Elmer	.....	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner

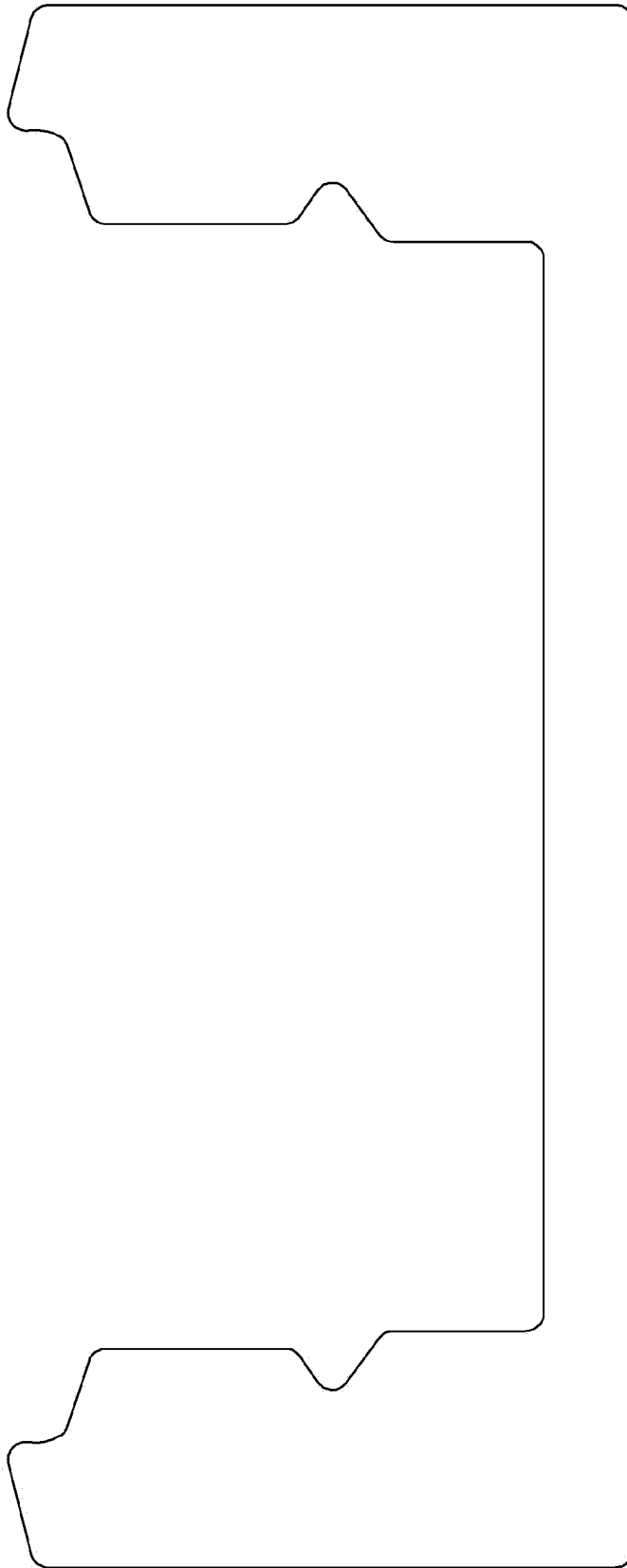


FIG. 1

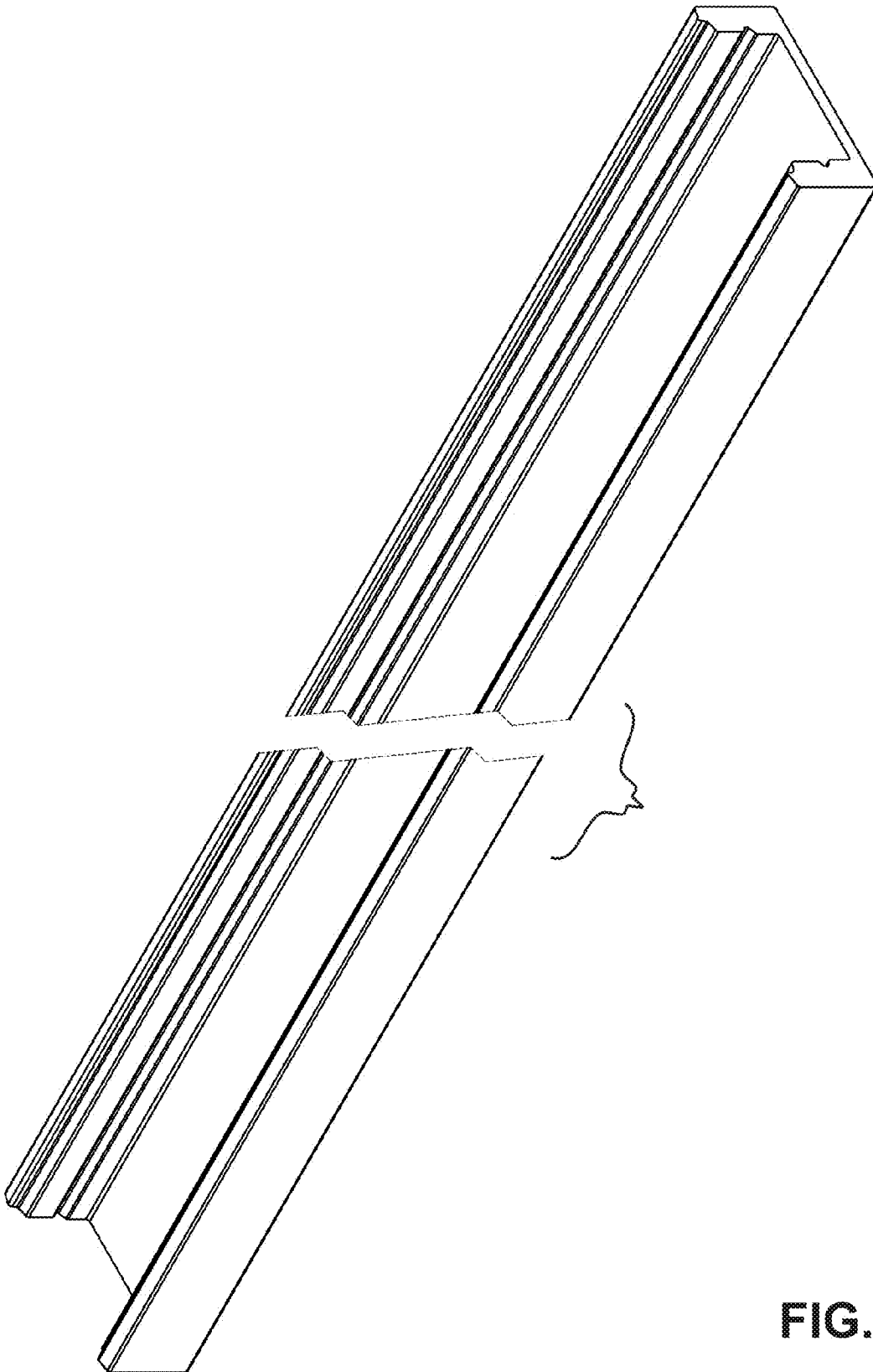


FIG. 2



US00D649681S

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

(10) **Patent No.:** **US D649,681 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDsON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,300**

(22) Filed: **Jun. 15, 2011**

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119

D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125
D286,194 S * 10/1986 Bancroft D25/125
D290,404 S * 6/1987 Stoler D25/119
D291,009 S * 7/1987 Weilow D25/120
D294,867 S * 3/1988 Meshulam D25/119

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

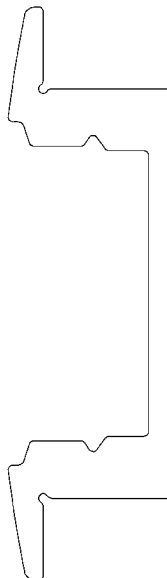
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,681 S

Page 2

U.S. PATENT DOCUMENTS

D299,273	S	*	1/1989	Pittman, Jr.	D25/119	D497,758	S	*	11/2004	Goldberg	D6/580
D301,304	S	*	5/1989	Will	D8/373	D503,485	S	*	3/2005	Willman et al.	D25/124
D310,775	S	*	9/1990	Ruonala	D8/377	D509,594	S	*	9/2005	Curtas et al.	D25/38
D317,513	S	*	6/1991	Miller et al.	D26/140	7,034,227	B2	*	4/2006	Fox	174/95
5,040,347	A	*	8/1991	Valvis	52/204.591	D522,297	S	*	6/2006	Miller et al.	D6/580
D320,902	S	*	10/1991	Leist	D6/491	D534,790	S	*	1/2007	Garda	D8/377
D325,095	S	*	3/1992	Dallaire et al.	D25/124	D546,104	S	*	7/2007	Miller et al.	D6/580
D326,140	S	*	5/1992	Dekel	D23/267	D551,774	S	*	9/2007	McGinness	D25/38
D326,724	S	*	6/1992	Boer	D25/119	D552,259	S	*	10/2007	Allsopp	D25/119
D328,139	S	*	7/1992	Boer	D25/119	D554,422	S	*	11/2007	Lin	D6/580
D329,707	S	*	9/1992	Embree et al.	D25/119	D557,429	S	*	12/2007	Bullock, Jr.	D25/119
D335,353	S	*	5/1993	Baker	D25/38	D557,825	S	*	12/2007	Willman	D25/124
D337,257	S	*	7/1993	Danieli	D8/376	7,303,310	B2	*	12/2007	You et al.	362/240
D342,579	S	*	12/1993	Mason	D25/119	D560,822	S	*	1/2008	Flechsigs	D25/121
D344,595	S	*	2/1994	Ehmke et al.	D25/119	7,331,689	B2	*	2/2008	Chen	362/240
D345,268	S	*	3/1994	Pate	D6/511	7,347,606	B1	*	3/2008	Patten	362/565
D348,940	S	*	7/1994	Clark et al.	D25/124	D574,509	S	*	8/2008	Koch	D25/38
D353,467	S	*	12/1994	Raynes	D25/38	D577,857	S	*	9/2008	Tress et al.	D26/141
D356,645	S	*	3/1995	Boer	D25/119	D578,248	S	*	10/2008	Lee et al.	D26/138
5,430,627	A	*	7/1995	Nagano	362/146	D578,705	S	*	10/2008	Aberg et al.	D26/138
5,499,170	A	*	3/1996	Gagne	362/84	D582,602	S	*	12/2008	Maxik et al.	D26/118
D373,963	S	*	9/1996	Nagai et al.	D10/94	D587,731	S	*	3/2009	Niedermeyer	D15/136
D375,324	S	*	11/1996	Grass	D20/11	D595,078	S	*	6/2009	Kollman et al.	D6/580
D378,432	S	*	3/1997	Raynes	D25/164	D595,984	S	*	7/2009	Kollman et al.	D6/580
D379,237	S	*	5/1997	Leonelli	D25/119	D598,574	S	*	8/2009	Bergmann	D25/122
D379,524	S	*	5/1997	Leonelli	D25/119	D599,387	S	*	9/2009	Chuo et al.	D15/143
D379,535	S	*	5/1997	Dallaire et al.	D25/125	D600,401	S	*	9/2009	Varrin	D26/138
D381,088	S	*	7/1997	DiGiorgio	D25/124	D600,484	S	*	9/2009	Anderson et al.	D6/580
D384,471	S	*	9/1997	Kubsik et al.	D34/29	D602,346	S	*	10/2009	Allsopp	D8/369
D389,460	S	*	1/1998	Wei-Hong	D13/155	D606,793	S	*	12/2009	Allsopp	D6/580
D393,083	S	*	3/1998	Caltrider	D25/199	7,654,703	B2	*	2/2010	Kan et al.	362/362
5,724,909	A	*	3/1998	Pitman et al.	116/202	D611,169	S	*	3/2010	Harder	D25/122
D397,231	S	*	8/1998	Saxer	D25/119	D616,035	S	*	5/2010	Kosir et al.	D20/44
D417,607	S	*	12/1999	Vining	D8/373	D616,946	S	*	6/2010	Garfinkle et al.	D20/43
6,074,074	A	*	6/2000	Marcus	362/240	D621,090	S	*	8/2010	Klu	D26/138
6,107,576	A	*	8/2000	Morton et al.	174/101	D621,961	S	*	8/2010	Gardner	D25/119
D432,672	S	*	10/2000	Grosfillex	D25/124	7,766,505	B2	*	8/2010	Tseng et al.	362/217.17
D437,944	S	*	2/2001	Neuhof, Jr.	D25/199	D623,342	S	*	9/2010	Klu	D26/138
D441,879	S	*	5/2001	Habeck et al.	D25/124	D623,343	S	*	9/2010	Klu	D26/138
D443,198	S	*	6/2001	Snyder	D8/354	D625,463	S	*	10/2010	Klu	D26/138
D445,211	S	*	7/2001	Baker	D26/76	D625,588	S	*	10/2010	Norris et al.	D8/382
6,276,634	B1	*	8/2001	Bodle	244/118.5	D626,839	S	*	11/2010	Gross et al.	D9/456
6,302,560	B1	*	10/2001	Lai	362/235	7,857,482	B2	*	12/2010	Reo et al.	362/225
D450,234	S	*	11/2001	Bosgoed	D8/377	D631,171	S	*	1/2011	Konrad	D25/49
D453,971	S	*	2/2002	Baker	D25/124	D634,063	S	*	3/2011	Peifer	D26/138
6,361,186	B1	*	3/2002	Slayden	362/241	D634,876	S	*	3/2011	McGrath et al.	D26/79
D455,634	S	*	4/2002	Hummel et al.	D8/314	D639,098	S	*	6/2011	Bosgoed	D6/580
6,385,047	B1	*	5/2002	McCullough et al.	361/704	D639,144	S	*	6/2011	Schaefer et al.	D8/354
D471,994	S	*	3/2003	Chaney et al.	D25/124	D641,101	S	*	7/2011	Radchenko et al.	D26/138
6,554,446	B1	*	4/2003	Walsh et al.	362/146	D641,923	S	*	7/2011	Radchenko et al.	D26/138
D482,405	S	*	11/2003	McIlvaine	D20/43	2003/0163967	A1	*	9/2003	Sims	52/586.2
D483,443	S	*	12/2003	Forsberg	D23/267	2004/0076004	A1	*	4/2004	Smith, Jr.	362/237
6,659,623	B2	*	12/2003	Friend	362/249.06	2006/0191101	A1	*	8/2006	Elmer	16/91
D486,340	S	*	2/2004	Sudano	D6/577	2008/0030981	A1	*	2/2008	Mrakovich et al.	362/219
D489,463	S	*	5/2004	Barnett	D25/119	2009/0207602	A1	*	8/2009	Reed et al.	362/225
D489,830	S	*	5/2004	Barnett	D25/119	2009/0219713	A1	*	9/2009	Siemiet et al.	362/218

* cited by examiner



FIG. 1

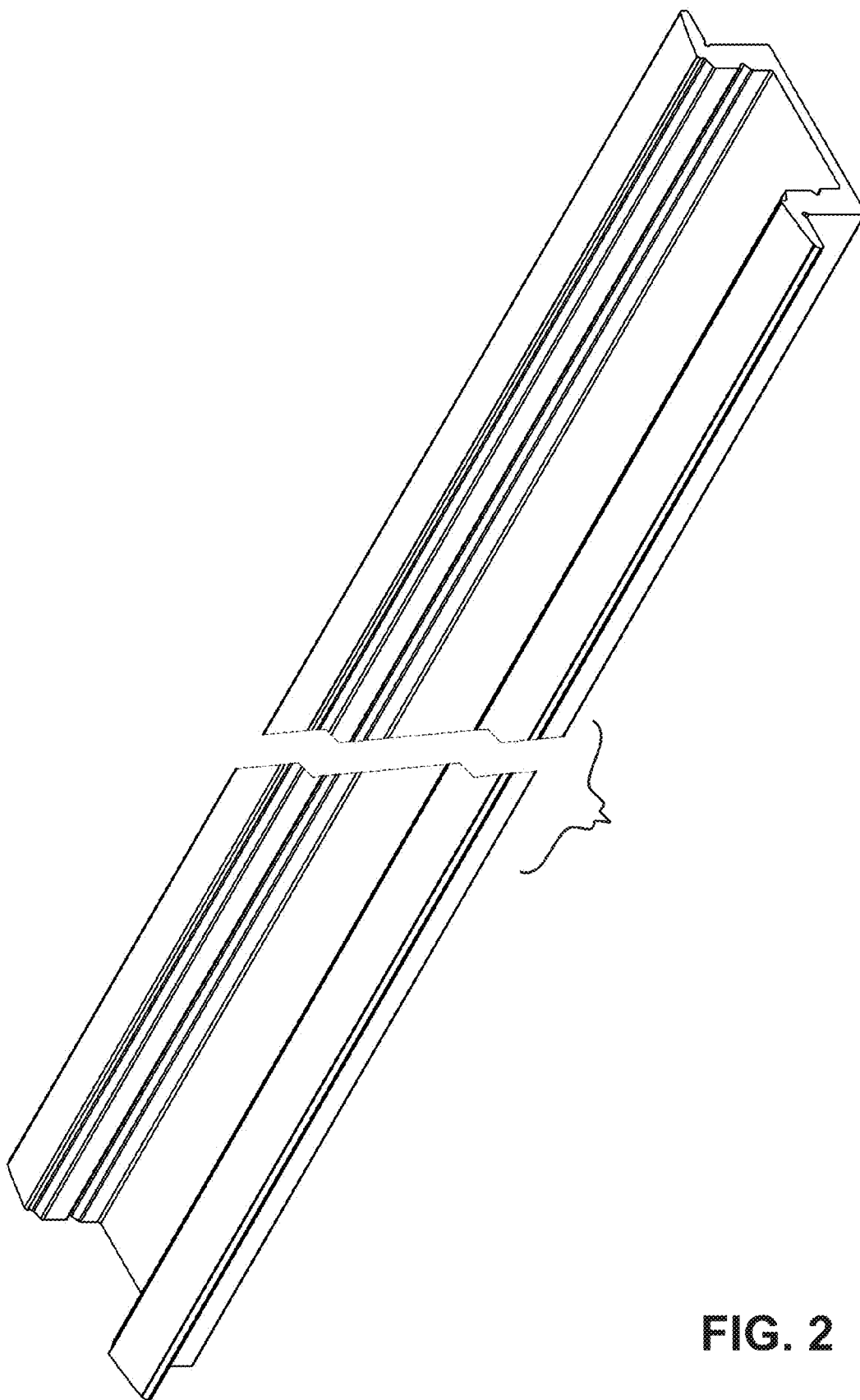


FIG. 2



US00D649682S

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

(10) **Patent No.:** **US D649,682 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,305**

(22) Filed: **Jun. 15, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0003

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125
D286,194 S * 10/1986 Bancroft D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

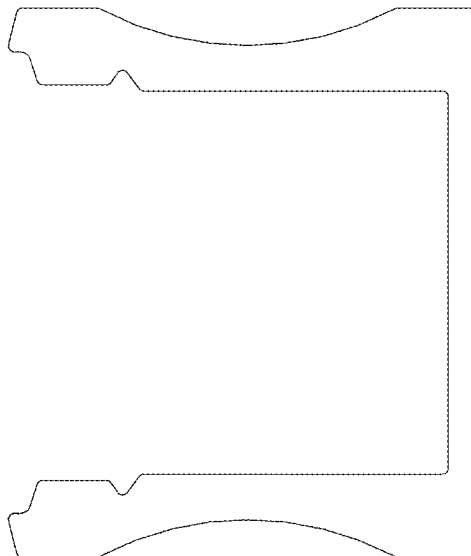
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The separation and bracket indicate that the precise length of the extrusion is not claimed.

1 Claim, 2 Drawing Sheets



US D649,682 S

Page 2

U.S. PATENT DOCUMENTS

D290,404	S	*	6/1987	Stoler	D25/119	D489,830	S	*	5/2004	Barnett	D25/119
D291,009	S	*	7/1987	Weilow	D25/120	D497,758	S	*	11/2004	Goldberg	D6/580
D294,867	S	*	3/1988	Meshulam	D25/119	D503,485	S	*	3/2005	Willman et al.	D25/124
D299,273	S	*	1/1989	Pittman, Jr.	D25/119	D509,594	S	*	9/2005	Curtas et al.	D25/38
D301,304	S	*	5/1989	Will	D8/373	7,034,227	B2	*	4/2006	Fox	174/95
D310,775	S	*	9/1990	Ruonala	D8/377	D522,297	S	*	6/2006	Miller et al.	D6/580
D317,513	S	*	6/1991	Miller et al.	D26/140	D534,790	S	*	1/2007	Garda	D8/377
5,040,347	A	*	8/1991	Valvis	52/204.591	D546,104	S	*	7/2007	Miller et al.	D6/580
D320,902	S	*	10/1991	Leist	D6/491	D551,774	S	*	9/2007	McGinness	D25/38
D325,095	S	*	3/1992	Dallaire et al.	D25/124	D552,259	S	*	10/2007	Allsopp	D25/119
D326,140	S	*	5/1992	Dekel	D23/267	D554,422	S	*	11/2007	Lin	D6/580
D326,724	S	*	6/1992	Boer	D25/119	D557,429	S	*	12/2007	Bullock, Jr.	D25/119
D328,139	S	*	7/1992	Boer	D25/119	D557,825	S	*	12/2007	Willman	D25/124
D329,707	S	*	9/1992	Embree et al.	D25/119	7,303,310	B2	*	12/2007	You et al.	362/240
D335,353	S	*	5/1993	Baker	D25/38	D560,822	S	*	1/2008	Flechsigg	D25/121
D337,257	S	*	7/1993	Danieli	D8/376	7,331,689	B2	*	2/2008	Chen	362/240
D342,579	S	*	12/1993	Mason	D25/119	7,347,606	B1	*	3/2008	Patten	362/565
D344,595	S	*	2/1994	Ehmke et al.	D25/119	D574,509	S	*	8/2008	Koch	D25/38
D345,268	S	*	3/1994	Pate	D6/511	D577,857	S	*	9/2008	Tress et al.	D26/141
D348,940	S	*	7/1994	Clark et al.	D25/124	D578,248	S	*	10/2008	Lee et al.	D26/138
D353,467	S	*	12/1994	Raynes	D25/38	D578,705	S	*	10/2008	Aberg et al.	D26/138
D356,645	S	*	3/1995	Boer	D25/119	D582,602	S	*	12/2008	Maxik et al.	D26/118
5,430,627	A	*	7/1995	Nagano	362/146	D587,731	S	*	3/2009	Niedermeyer	D15/136
5,499,170	A	*	3/1996	Gagne	362/84	D595,078	S	*	6/2009	Kollman et al.	D6/580
D373,963	S	*	9/1996	Nagai et al.	D10/94	D595,984	S	*	7/2009	Kollman et al.	D6/580
D375,324	S	*	11/1996	Grass	D20/11	D598,574	S	*	8/2009	Bergmann	D25/122
D378,432	S	*	3/1997	Raynes	D25/164	D599,387	S	*	9/2009	Chuo et al.	D15/143
D379,237	S	*	5/1997	Leonelli	D25/119	D600,401	S	*	9/2009	Varrin	D26/138
D379,524	S	*	5/1997	Leonelli	D25/119	D600,484	S	*	9/2009	Anderson et al.	D6/580
D379,535	S	*	5/1997	Dallaire et al.	D25/125	D602,346	S	*	10/2009	Allsopp	D8/369
D381,088	S	*	7/1997	DiGiorgio	D25/124	D606,793	S	*	12/2009	Allsopp	D6/580
D384,471	S	*	9/1997	Kubsik et al.	D34/29	7,654,703	B2	*	2/2010	Kan et al.	362/362
D389,460	S	*	1/1998	Wei-Hong	D13/155	D611,169	S	*	3/2010	Harder	D25/122
D393,083	S	*	3/1998	Caltrider	D25/199	D616,035	S	*	5/2010	Kosir et al.	D20/44
5,724,909	A	*	3/1998	Pitman et al.	116/202	D616,946	S	*	6/2010	Garfinkle et al.	D20/43
D397,231	S	*	8/1998	Saxer	D25/119	D621,090	S	*	8/2010	Klu	D26/138
D417,607	S	*	12/1999	Vining	D8/373	D621,961	S	*	8/2010	Gardner	D25/119
6,074,074	A	*	6/2000	Marcus	362/240	7,766,505	B2	*	8/2010	Tseng et al.	362/217.17
6,107,576	A	*	8/2000	Morton et al.	174/101	D623,342	S	*	9/2010	Klu	D26/138
D432,672	S	*	10/2000	Grosfillex	D25/124	D623,343	S	*	9/2010	Klu	D26/138
D437,944	S	*	2/2001	Neuhof, Jr.	D25/199	D625,463	S	*	10/2010	Klu	D26/138
D441,879	S	*	5/2001	Habeck et al.	D25/124	D625,588	S	*	10/2010	Norris et al.	D8/382
D443,198	S	*	6/2001	Snyder	D8/354	D626,839	S	*	11/2010	Gross et al.	D9/456
D445,211	S	*	7/2001	Baker	D26/76	7,857,482	B2	*	12/2010	Reo et al.	362/225
6,276,634	B1	*	8/2001	Bodle	244/118.5	D631,171	S	*	1/2011	Konrad	D25/49
6,302,560	B1	*	10/2001	Lai	362/235	D634,063	S	*	3/2011	Peifer	D26/138
D450,234	S	*	11/2001	Bosgoed	D8/377	D634,876	S	*	3/2011	McGrath et al.	D26/79
D453,971	S	*	2/2002	Baker	D25/124	D639,098	S	*	6/2011	Bosgoed	D6/580
6,361,186	B1	*	3/2002	Slayden	362/241	D639,144	S	*	6/2011	Schaefer et al.	D8/354
D455,634	S	*	4/2002	Hummel et al.	D8/314	D641,101	S	*	7/2011	Radchenko et al.	D26/138
6,385,047	B1	*	5/2002	McCullough et al.	361/704	D641,923	S	*	7/2011	Radchenko et al.	D26/138
D471,994	S	*	3/2003	Chaney et al.	D25/124	2003/0163967	A1	*	9/2003	Sims	52/586.2
6,554,446	B1	*	4/2003	Walsh et al.	362/146	2004/0076004	A1	*	4/2004	Smith, Jr.	362/237
D482,405	S	*	11/2003	McIlvaine	D20/43	2006/0191101	A1	*	8/2006	Elmer	16/91
D483,443	S	*	12/2003	Forsberg	D23/267	2008/0030981	A1	*	2/2008	Mrakovich et al.	362/219
6,659,623	B2	*	12/2003	Friend	362/249.06	2009/0207602	A1	*	8/2009	Reed et al.	362/225
D486,340	S	*	2/2004	Sudano	D6/577	2009/0219713	A1	*	9/2009	Siemiet et al.	362/218
D489,463	S	*	5/2004	Barnett	D25/119						

* cited by examiner

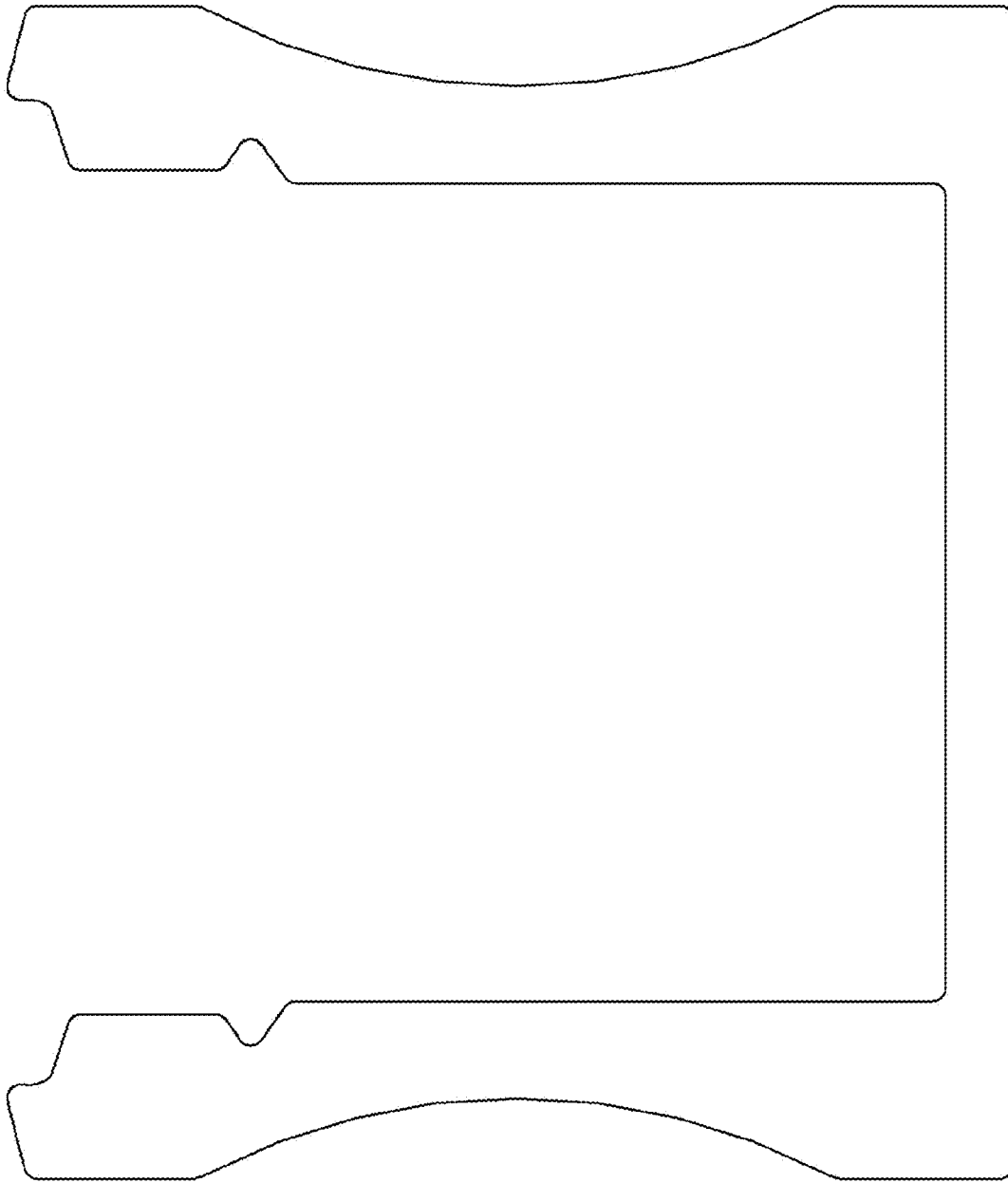


FIG. 1

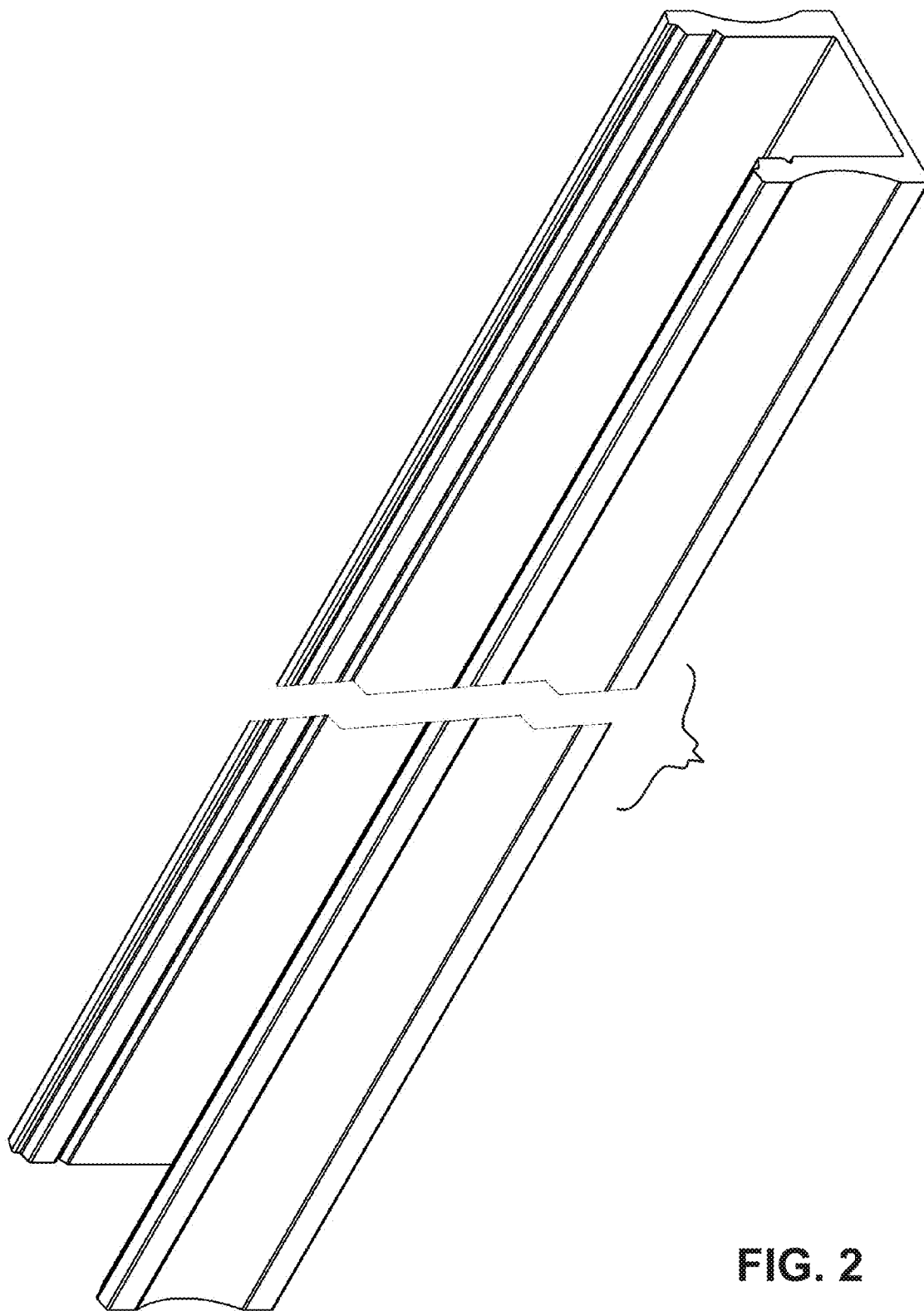


FIG. 2



US00D649683S

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

(10) **Patent No.:** **US D649,683 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,309**

(22) Filed: **Jun. 15, 2011**

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119

D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125
D286,194 S * 10/1986 Bancroft D25/125
D290,404 S * 6/1987 Stoler D25/119
D291,009 S * 7/1987 Weilow D25/120
D294,867 S * 3/1988 Meshulam D25/119

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

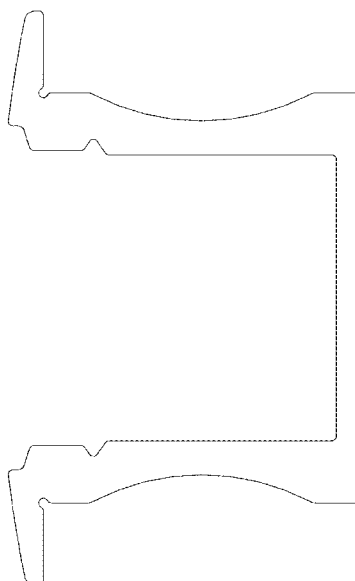
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,683 S

Page 2

U.S. PATENT DOCUMENTS

D299,273	S	*	1/1989	Pittman, Jr.	D25/119	D497,758	S	*	11/2004	Goldberg	D6/580
D301,304	S	*	5/1989	Will	D8/373	D503,485	S	*	3/2005	Willman et al.	D25/124
D310,775	S	*	9/1990	Ruonala	D8/377	D509,594	S	*	9/2005	Curtas et al.	D25/38
D317,513	S	*	6/1991	Miller et al.	D26/140	7,034,227	B2	*	4/2006	Fox	174/95
5,040,347	A	*	8/1991	Valvis	52/204.591	D522,297	S	*	6/2006	Miller et al.	D6/580
D320,902	S	*	10/1991	Leist	D6/491	D534,790	S	*	1/2007	Garda	D8/377
D325,095	S	*	3/1992	Dallaire et al.	D25/124	D546,104	S	*	7/2007	Miller et al.	D6/580
D326,140	S	*	5/1992	Dekel	D23/267	D551,774	S	*	9/2007	McGinness	D25/38
D326,724	S	*	6/1992	Boer	D25/119	D552,259	S	*	10/2007	Allsopp	D25/119
D328,139	S	*	7/1992	Boer	D25/119	D554,422	S	*	11/2007	Lin	D6/580
D329,707	S	*	9/1992	Embree et al.	D25/119	D557,429	S	*	12/2007	Bullock, Jr.	D25/119
D335,353	S	*	5/1993	Baker	D25/38	D557,825	S	*	12/2007	Willman	D25/124
D337,257	S	*	7/1993	Danieli	D8/376	7,303,310	B2	*	12/2007	You et al.	362/240
D342,579	S	*	12/1993	Mason	D25/119	D560,822	S	*	1/2008	Flechsigs	D25/121
D344,595	S	*	2/1994	Ehmke et al.	D25/119	7,331,689	B2	*	2/2008	Chen	362/240
D345,268	S	*	3/1994	Pate	D6/511	7,347,606	B1	*	3/2008	Patten	362/565
D348,940	S	*	7/1994	Clark et al.	D25/124	D574,509	S	*	8/2008	Koch	D25/38
D353,467	S	*	12/1994	Raynes	D25/38	D577,857	S	*	9/2008	Tress et al.	D26/141
D356,645	S	*	3/1995	Boer	D25/119	D578,248	S	*	10/2008	Lee et al.	D26/138
5,430,627	A	*	7/1995	Nagano	362/146	D578,705	S	*	10/2008	Aberg et al.	D26/138
5,499,170	A	*	3/1996	Gagne	362/84	D582,602	S	*	12/2008	Maxik et al.	D26/118
D373,963	S	*	9/1996	Nagai et al.	D10/94	D587,731	S	*	3/2009	Niedermeyer	D15/136
D375,324	S	*	11/1996	Grass	D20/11	D595,078	S	*	6/2009	Kollman et al.	D6/580
D378,432	S	*	3/1997	Raynes	D25/164	D595,984	S	*	7/2009	Kollman et al.	D6/580
D379,237	S	*	5/1997	Leonelli	D25/119	D598,574	S	*	8/2009	Bergmann	D25/122
D379,524	S	*	5/1997	Leonelli	D25/119	D599,387	S	*	9/2009	Chuo et al.	D15/143
D379,535	S	*	5/1997	Dallaire et al.	D25/125	D600,401	S	*	9/2009	Varrin	D26/138
D381,088	S	*	7/1997	DiGiorgio	D25/124	D600,484	S	*	9/2009	Anderson et al.	D6/580
D384,471	S	*	9/1997	Kubsik et al.	D34/29	D602,346	S	*	10/2009	Allsopp	D8/369
D389,460	S	*	1/1998	Wei-Hong	D13/155	D606,793	S	*	12/2009	Allsopp	D6/580
D393,083	S	*	3/1998	Caltrider	D25/199	7,654,703	B2	*	2/2010	Kan et al.	362/362
5,724,909	A	*	3/1998	Pitman et al.	116/202	D611,169	S	*	3/2010	Harder	D25/122
D397,231	S	*	8/1998	Saxer	D25/119	D616,035	S	*	5/2010	Kosir et al.	D20/44
D417,607	S	*	12/1999	Vining	D8/373	D616,946	S	*	6/2010	Garfinkle et al.	D20/43
6,074,074	A	*	6/2000	Marcus	362/240	D621,090	S	*	8/2010	Klu	D26/138
6,107,576	A	*	8/2000	Morton et al.	174/101	D621,961	S	*	8/2010	Gardner	D25/119
D432,672	S	*	10/2000	Grosfillex	D25/124	7,766,505	B2	*	8/2010	Tseng et al.	362/217.17
D437,944	S	*	2/2001	Neuhof, Jr.	D25/199	D623,342	S	*	9/2010	Klu	D26/138
D441,879	S	*	5/2001	Habeck et al.	D25/124	D623,343	S	*	9/2010	Klu	D26/138
D443,198	S	*	6/2001	Snyder	D8/354	D625,463	S	*	10/2010	Klu	D26/138
D445,211	S	*	7/2001	Baker	D26/76	D625,588	S	*	10/2010	Norris et al.	D8/382
6,276,634	B1	*	8/2001	Bodle	244/118.5	D626,839	S	*	11/2010	Gross et al.	D9/456
6,302,560	B1	*	10/2001	Lai	362/235	7,857,482	B2	*	12/2010	Reo et al.	362/225
D450,234	S	*	11/2001	Bosgoed	D8/377	D631,171	S	*	1/2011	Konrad	D25/49
D453,971	S	*	2/2002	Baker	D25/124	D634,063	S	*	3/2011	Peifer	D26/138
6,361,186	B1	*	3/2002	Slayden	362/241	D634,876	S	*	3/2011	McGrath et al.	D26/79
D455,634	S	*	4/2002	Hummel et al.	D8/314	D639,098	S	*	6/2011	Bosgoed	D6/580
6,385,047	B1	*	5/2002	McCullough et al.	361/704	D639,144	S	*	6/2011	Schaefer et al.	D8/354
D471,994	S	*	3/2003	Chaney et al.	D25/124	D641,101	S	*	7/2011	Radchenko et al.	D26/138
6,554,446	B1	*	4/2003	Walsh et al.	362/146	D641,923	S	*	7/2011	Radchenko et al.	D26/138
D482,405	S	*	11/2003	McIlvaine	D20/43	2003/0163967	A1	*	9/2003	Sims	52/586.2
D483,443	S	*	12/2003	Forsberg	D23/267	2004/0076004	A1	*	4/2004	Smith, Jr.	362/237
6,659,623	B2	*	12/2003	Friend	362/249.06	2006/0191101	A1	*	8/2006	Elmer	16/91
D486,340	S	*	2/2004	Sudano	D6/577	2008/0030981	A1	*	2/2008	Mrakovich et al.	362/219
D489,463	S	*	5/2004	Barnett	D25/119	2009/0207602	A1	*	8/2009	Reed et al.	362/225
D489,830	S	*	5/2004	Barnett	D25/119	2009/0219713	A1	*	9/2009	Siemiet et al.	362/218

* cited by examiner

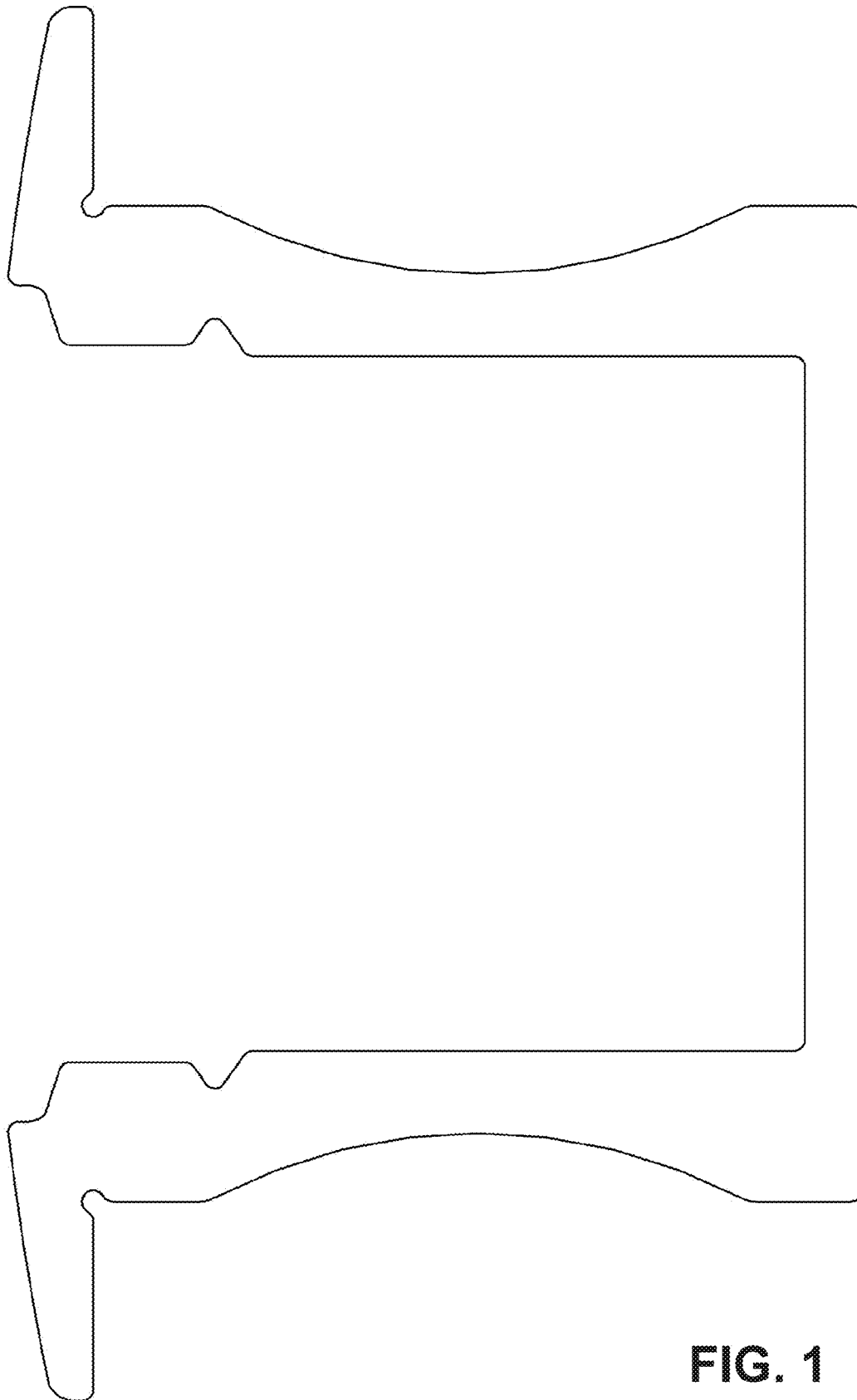


FIG. 1

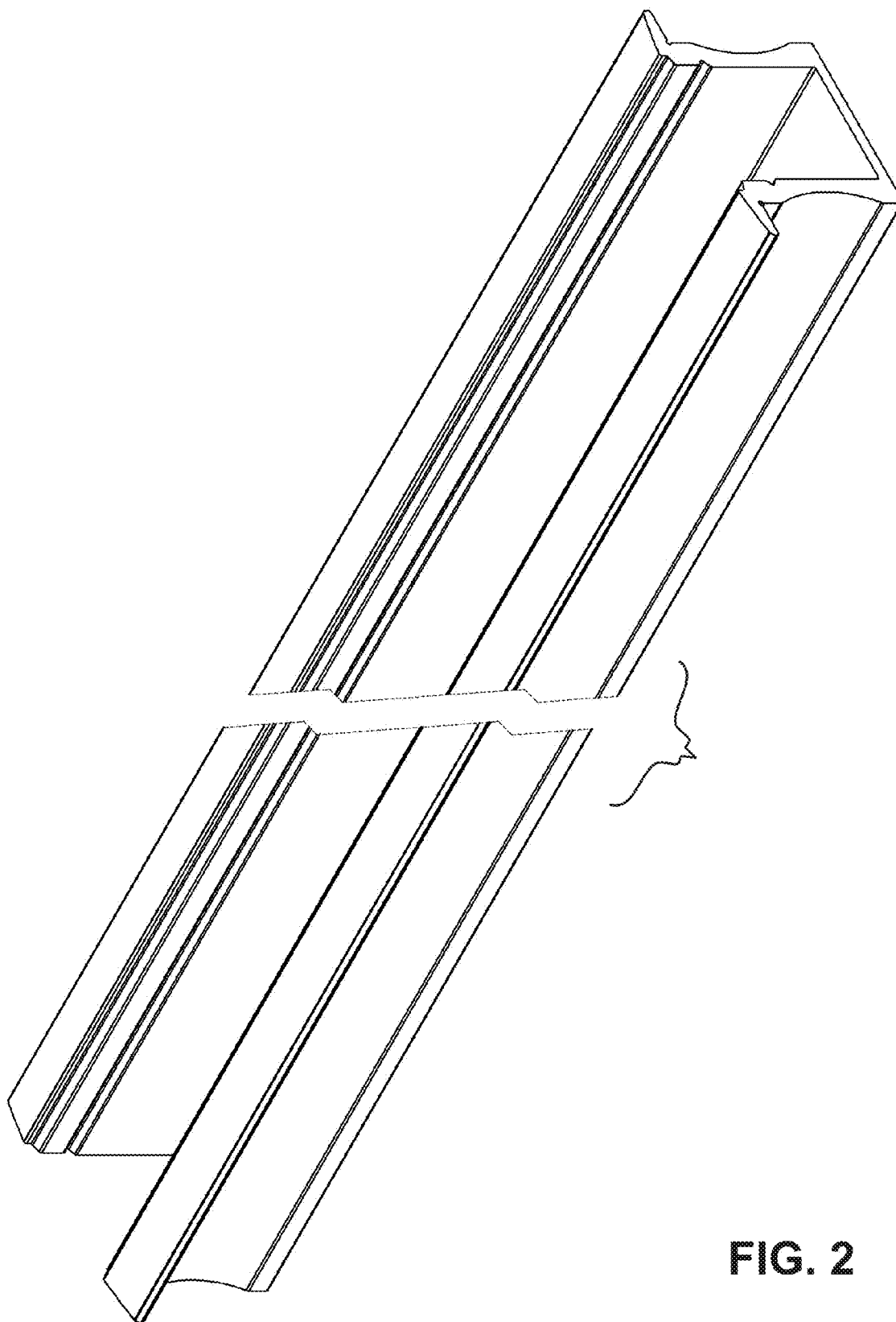


FIG. 2



US00D649684S

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

(10) **Patent No.:** **US D649,684 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,615**

(22) Filed: **Jun. 19, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0005

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

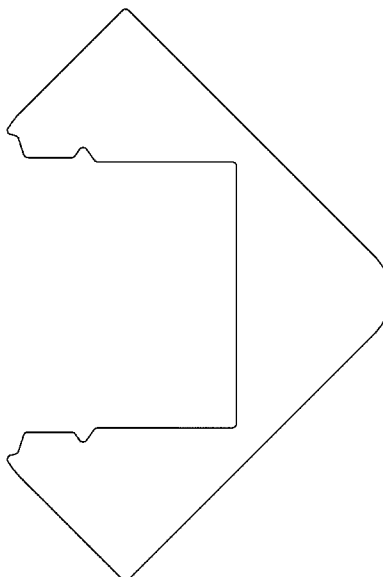
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,684 S

Page 2

U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125
D290,404	S	*	6/1987	Stoler	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120
D294,867	S	*	3/1988	Meshulam	.....	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119
D301,304	S	*	5/1989	Will	.....	D8/373
D310,775	S	*	9/1990	Ruonala	.....	D8/377
D317,513	S	*	6/1991	Miller et al.	.....	D26/140
5,040,347	A	*	8/1991	Valvis	.....	52/204.591
D320,902	S	*	10/1991	Leist	.....	D6/491
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124
D326,140	S	*	5/1992	Dekel	.....	D23/267
D326,724	S	*	6/1992	Boer	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119
D329,707	S	*	9/1992	Embree et al.	.....	D25/119
D335,353	S	*	5/1993	Baker	.....	D25/38
D337,257	S	*	7/1993	Danieli	.....	D8/376
D342,579	S	*	12/1993	Mason	.....	D25/119
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119
D345,268	S	*	3/1994	Pate	.....	D6/511
D348,940	S	*	7/1994	Clark et al.	.....	D25/124
D353,467	S	*	12/1994	Raynes	.....	D25/38
D356,645	S	*	3/1995	Boer	.....	D25/119
5,430,627	A	*	7/1995	Nagano	.....	362/146
5,499,170	A	*	3/1996	Gagne	.....	362/84
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94
D375,324	S	*	11/1996	Grass	.....	D20/11
D378,432	S	*	3/1997	Raynes	.....	D25/164
D379,237	S	*	5/1997	Leonelli	.....	D25/119
D379,524	S	*	5/1997	Leonelli	.....	D25/119
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155
D393,083	S	*	3/1998	Caltrider	.....	D25/199
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202
D397,231	S	*	8/1998	Saxer	.....	D25/119
D417,607	S	*	12/1999	Vining	.....	D8/373
6,074,074	A	*	6/2000	Marcus	.....	362/240
6,107,576	A	*	8/2000	Morton et al.	.....	174/101
D432,672	S	*	10/2000	Grosfillex	.....	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124
D443,198	S	*	6/2001	Snyder	.....	D8/354
D445,211	S	*	7/2001	Baker	.....	D26/76
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5
6,302,560	B1	*	10/2001	Lai	.....	362/235
D450,234	S	*	11/2001	Bosgoed	.....	D8/377
D453,971	S	*	2/2002	Baker	.....	D25/124
6,361,186	B1	*	3/2002	Slayden	.....	362/241
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146
D482,405	S	*	11/2003	McIlvaine	.....	D20/43
D483,443	S	*	12/2003	Forsberg	.....	D23/267
6,659,623	B2	*	12/2003	Friend	.....	362/249.06
D486,340	S	*	2/2004	Sudano	.....	D6/577
D489,463	S	*	5/2004	Barnett	.....	D25/119
D489,830	S	*	5/2004	Barnett	.....	D25/119
D497,758	S	*	11/2004	Goldberg	.....	D6/580
D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
7,034,227	B2	*	4/2006	Fox	.....	174/95
D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D534,790	S	*	1/2007	Garda	.....	D8/377
D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D551,774	S	*	9/2007	McGinness	.....	D25/38
D552,259	S	*	10/2007	Allsopp	.....	D25/119
D554,422	S	*	11/2007	Lin	.....	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D557,825	S	*	12/2007	Willman	.....	D25/124
7,303,310	B2	*	12/2007	You et al.	.....	362/240
D560,822	S	*	1/2008	Flechsigs	.....	D25/121
7,331,689	B2	*	2/2008	Chen	.....	362/240
7,347,606	B1	*	3/2008	Patten	.....	362/565
D574,509	S	*	8/2008	Koch	.....	D25/38
D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D598,574	S	*	8/2009	Bergmann	.....	D25/122
D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D600,401	S	*	9/2009	Varrin	.....	D26/138
D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D602,346	S	*	10/2009	Allsopp	.....	D8/369
D606,793	S	*	12/2009	Allsopp	.....	D6/580
7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D611,169	S	*	3/2010	Harder	.....	D25/122
D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D621,090	S	*	8/2010	Klu	.....	D26/138
D621,961	S	*	8/2010	Gardner	.....	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
D623,342	S	*	9/2010	Klu	.....	D26/138
D623,343	S	*	9/2010	Kluš	.....	D26/138
D625,463	S	*	10/2010	Klus	.....	D26/138
D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D626,839	S	*	11/2010	Gross et al.	.....	D9/456
7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
D631,171	S	*	1/2011	Konrad	.....	D25/49
D634,063	S	*	3/2011	Peifer	.....	D26/138
D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D639,098	S	*	6/2011	Bosgoed	.....	D6/580
D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	.....	362/237
2006/0191101	A1	*	8/2006	Elmer	.....	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner

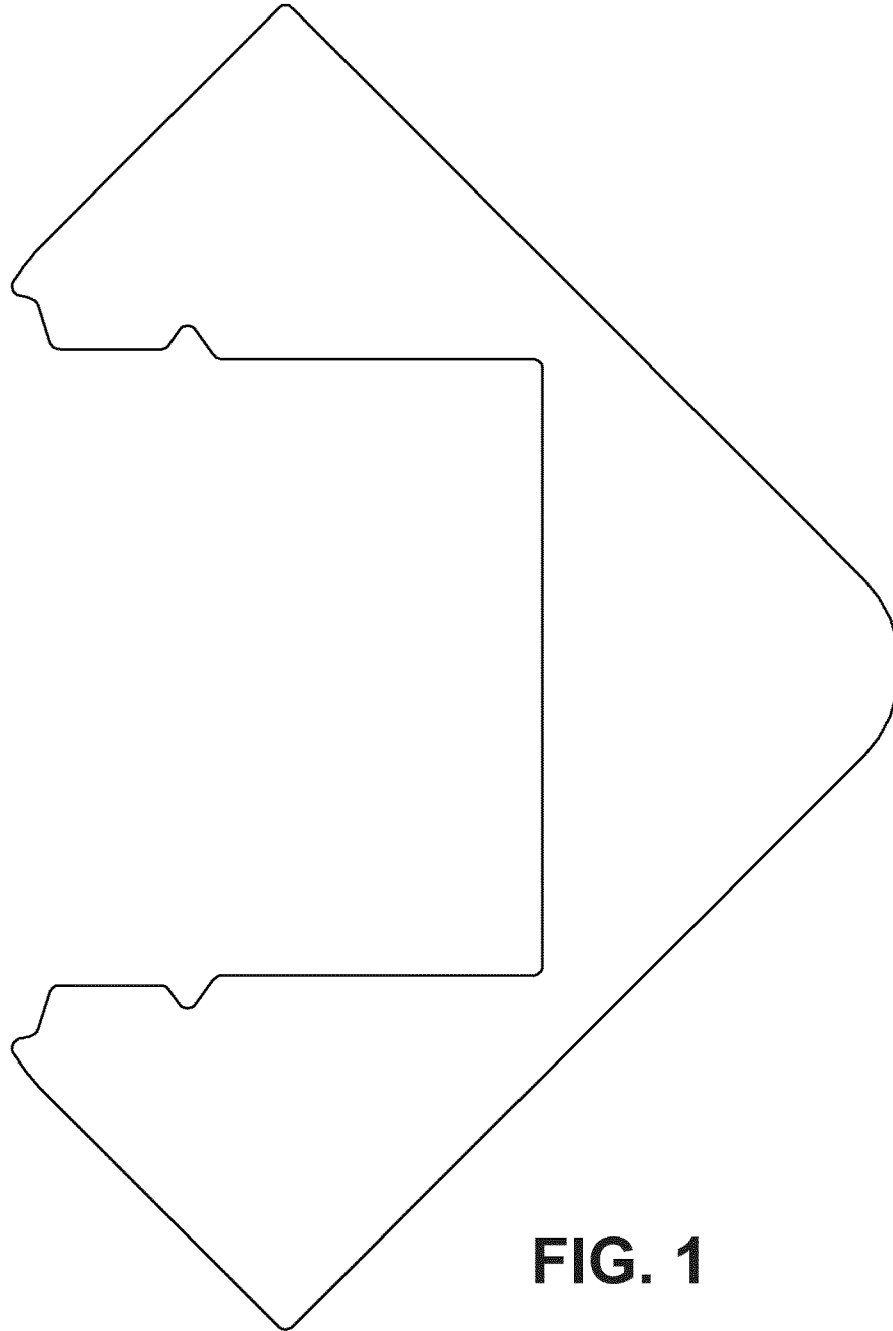


FIG. 1

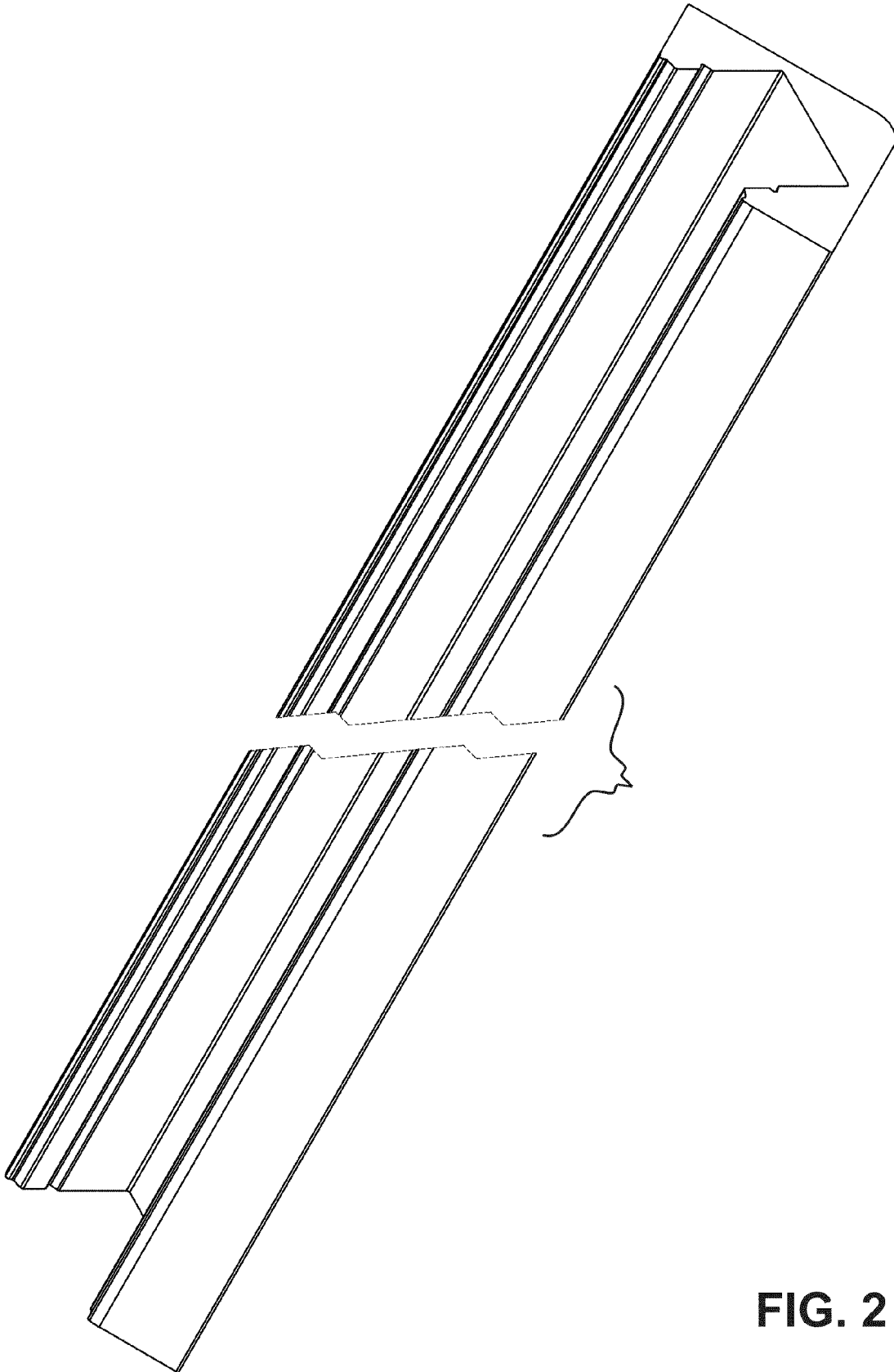


FIG. 2



US00D649685S

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

(10) **Patent No.:** **US D649,685 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,616**

(22) Filed: **Jun. 19, 2011**

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119

D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125
D286,194 S * 10/1986 Bancroft D25/125
D290,404 S * 6/1987 Stoler D25/119
D291,009 S * 7/1987 Weilow D25/120
D294,867 S * 3/1988 Meshulam D25/119

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,685 S

Page 2

U.S. PATENT DOCUMENTS

D299,273	S	*	1/1989	Pittman, Jr.	D25/119	D497,758	S	*	11/2004	Goldberg	D6/580
D301,304	S	*	5/1989	Will	D8/373	D503,485	S	*	3/2005	Willman et al.	D25/124
D310,775	S	*	9/1990	Ruonala	D8/377	D509,594	S	*	9/2005	Curtas et al.	D25/38
D317,513	S	*	6/1991	Miller et al.	D26/140	7,034,227	B2	*	4/2006	Fox	174/95
5,040,347	A	*	8/1991	Valvis	52/204.591	D522,297	S	*	6/2006	Miller et al.	D6/580
D320,902	S	*	10/1991	Leist	D6/491	D534,790	S	*	1/2007	Garda	D8/377
D325,095	S	*	3/1992	Dallaire et al.	D25/124	D546,104	S	*	7/2007	Miller et al.	D6/580
D326,140	S	*	5/1992	Dekel	D23/267	D551,774	S	*	9/2007	McGinness	D25/38
D326,724	S	*	6/1992	Boer	D25/119	D552,259	S	*	10/2007	Allsopp	D25/119
D328,139	S	*	7/1992	Boer	D25/119	D554,422	S	*	11/2007	Lin	D6/580
D329,707	S	*	9/1992	Embree et al.	D25/119	D557,429	S	*	12/2007	Bullock, Jr.	D25/119
D335,353	S	*	5/1993	Baker	D25/38	D557,825	S	*	12/2007	Willman	D25/124
D337,257	S	*	7/1993	Danieli	D8/376	7,303,310	B2	*	12/2007	You et al.	362/240
D342,579	S	*	12/1993	Mason	D25/119	D560,822	S	*	1/2008	Flechsigs	D25/121
D344,595	S	*	2/1994	Ehmke et al.	D25/119	7,331,689	B2	*	2/2008	Chen	362/240
D345,268	S	*	3/1994	Pate	D6/511	7,347,606	B1	*	3/2008	Patten	362/565
D348,940	S	*	7/1994	Clark et al.	D25/124	D574,509	S	*	8/2008	Koch	D25/38
D353,467	S	*	12/1994	Raynes	D25/38	D577,857	S	*	9/2008	Tress et al.	D26/141
D356,645	S	*	3/1995	Boer	D25/119	D578,248	S	*	10/2008	Lee et al.	D26/138
5,430,627	A	*	7/1995	Nagano	362/146	D578,705	S	*	10/2008	Aberg et al.	D26/138
5,499,170	A	*	3/1996	Gagne	362/84	D582,602	S	*	12/2008	Maxik et al.	D26/118
D373,963	S	*	9/1996	Nagai et al.	D10/94	D587,731	S	*	3/2009	Niedermeyer	D15/136
D375,324	S	*	11/1996	Grass	D20/11	D595,078	S	*	6/2009	Kollman et al.	D6/580
D378,432	S	*	3/1997	Raynes	D25/164	D595,984	S	*	7/2009	Kollman et al.	D6/580
D379,237	S	*	5/1997	Leonelli	D25/119	D598,574	S	*	8/2009	Bergmann	D25/122
D379,524	S	*	5/1997	Leonelli	D25/119	D599,387	S	*	9/2009	Chuo et al.	D15/143
D379,535	S	*	5/1997	Dallaire et al.	D25/125	D600,401	S	*	9/2009	Varrin	D26/138
D381,088	S	*	7/1997	DiGiorgio	D25/124	D600,484	S	*	9/2009	Anderson et al.	D6/580
D384,471	S	*	9/1997	Kubsik et al.	D34/29	D602,346	S	*	10/2009	Allsopp	D8/369
D389,460	S	*	1/1998	Wei-Hong	D13/155	D606,793	S	*	12/2009	Allsopp	D6/580
D393,083	S	*	3/1998	Caltrider	D25/199	7,654,703	B2	*	2/2010	Kan et al.	362/362
5,724,909	A	*	3/1998	Pitman et al.	116/202	D611,169	S	*	3/2010	Harder	D25/122
D397,231	S	*	8/1998	Saxer	D25/119	D616,035	S	*	5/2010	Kosir et al.	D20/44
D417,607	S	*	12/1999	Vining	D8/373	D616,946	S	*	6/2010	Garfinkle et al.	D20/43
6,074,074	A	*	6/2000	Marcus	362/240	D621,090	S	*	8/2010	Klu	D26/138
6,107,576	A	*	8/2000	Morton et al.	174/101	D621,961	S	*	8/2010	Gardner	D25/119
D432,672	S	*	10/2000	Grosfillex	D25/124	7,766,505	B2	*	8/2010	Tseng et al.	362/217.17
D437,944	S	*	2/2001	Neuhof, Jr.	D25/199	D623,342	S	*	9/2010	Klu	D26/138
D441,879	S	*	5/2001	Habeck et al.	D25/124	D623,343	S	*	9/2010	Klu	D26/138
D443,198	S	*	6/2001	Snyder	D8/354	D625,463	S	*	10/2010	Klu	D26/138
D445,211	S	*	7/2001	Baker	D26/76	D625,588	S	*	10/2010	Norris et al.	D8/382
6,276,634	B1	*	8/2001	Bodle	244/118.5	D626,839	S	*	11/2010	Gross et al.	D9/456
6,302,560	B1	*	10/2001	Lai	362/235	7,857,482	B2	*	12/2010	Reo et al.	362/225
D450,234	S	*	11/2001	Bosgoed	D8/377	D631,171	S	*	1/2011	Konrad	D25/49
D453,971	S	*	2/2002	Baker	D25/124	D634,063	S	*	3/2011	Peifer	D26/138
6,361,186	B1	*	3/2002	Slayden	362/241	D634,876	S	*	3/2011	McGrath et al.	D26/79
D455,634	S	*	4/2002	Hummel et al.	D8/314	D639,098	S	*	6/2011	Bosgoed	D6/580
6,385,047	B1	*	5/2002	McCullough et al.	361/704	D639,144	S	*	6/2011	Schaefer et al.	D8/354
D471,994	S	*	3/2003	Chaney et al.	D25/124	D641,101	S	*	7/2011	Radchenko et al.	D26/138
6,554,446	B1	*	4/2003	Walsh et al.	362/146	D641,923	S	*	7/2011	Radchenko et al.	D26/138
D482,405	S	*	11/2003	McIlvaine	D20/43	2003/0163967	A1	*	9/2003	Sims	52/586.2
D483,443	S	*	12/2003	Forsberg	D23/267	2004/0076004	A1	*	4/2004	Smith, Jr.	362/237
6,659,623	B2	*	12/2003	Friend	362/249.06	2006/0191101	A1	*	8/2006	Elmer	16/91
D486,340	S	*	2/2004	Sudano	D6/577	2008/0030981	A1	*	2/2008	Mrakovich et al.	362/219
D489,463	S	*	5/2004	Barnett	D25/119	2009/0207602	A1	*	8/2009	Reed et al.	362/225
D489,830	S	*	5/2004	Barnett	D25/119	2009/0219713	A1	*	9/2009	Siemiet et al.	362/218

* cited by examiner

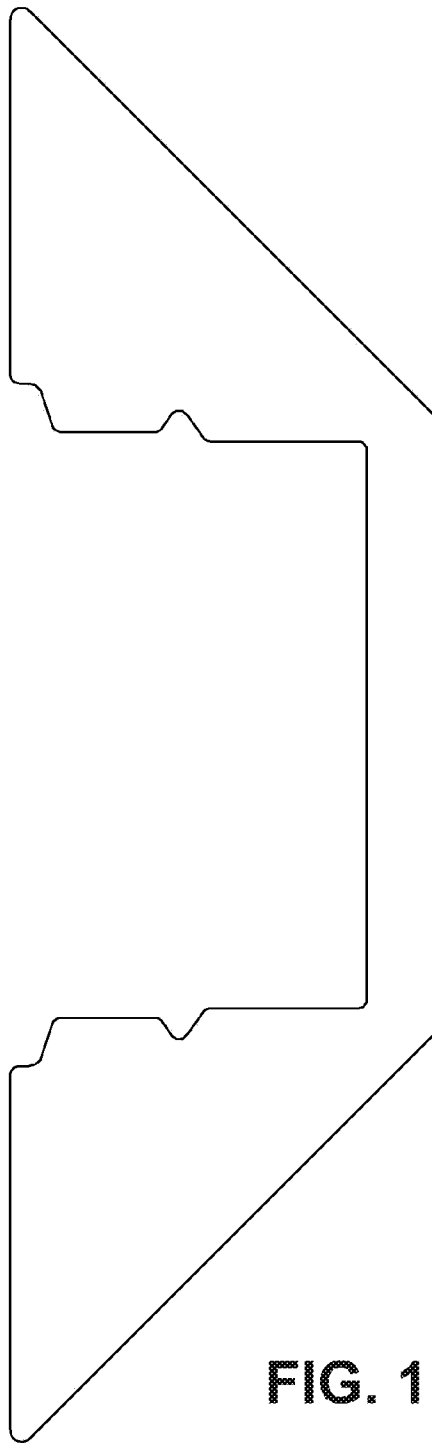


FIG. 1

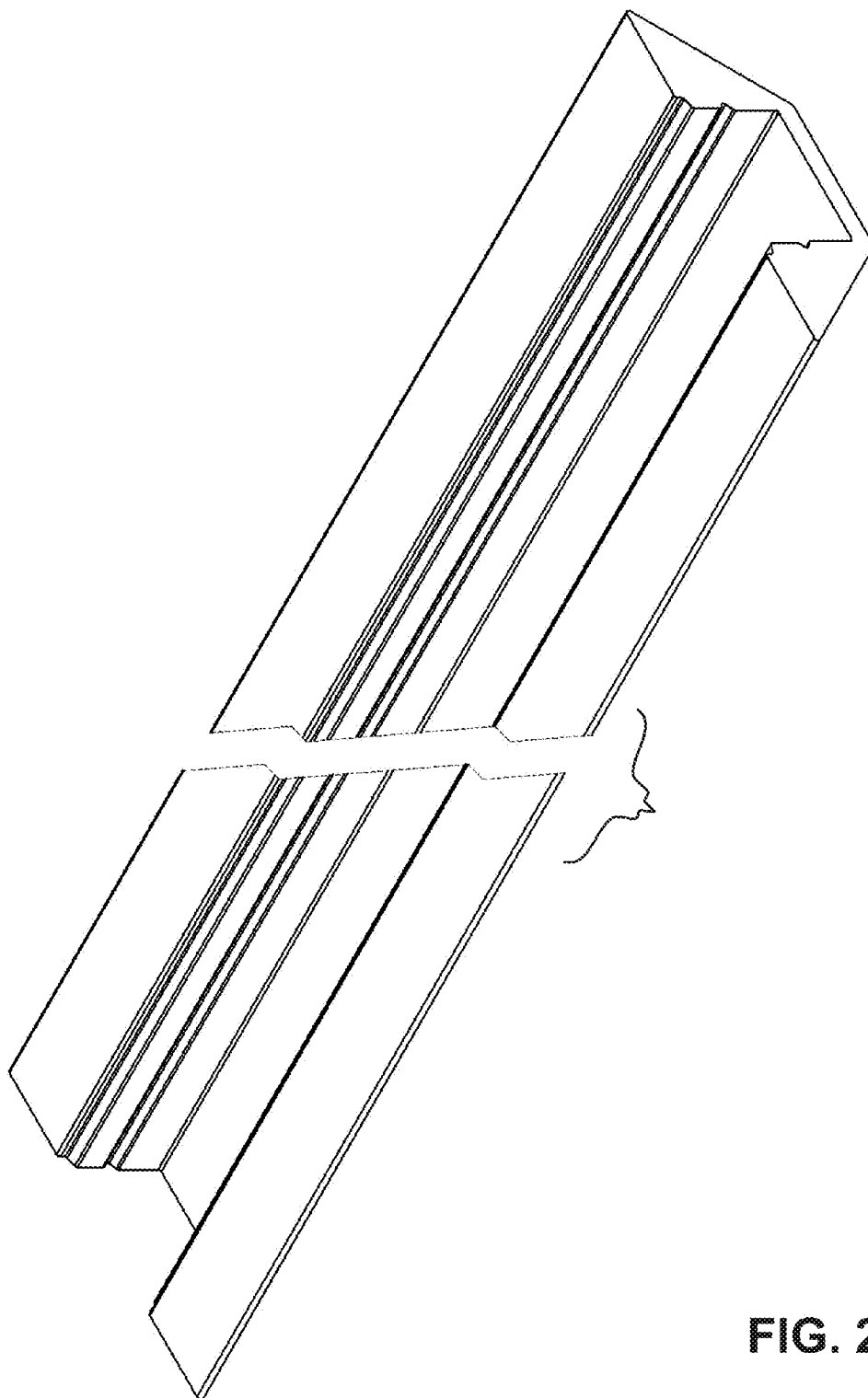


FIG. 2



US00D649686S

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

(10) **Patent No.:** **US D649,686 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,617**

(22) Filed: **Jun. 19, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0007

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 138, 140, 141, 142, 144, 145, 152,
D26/155; 362/218, 373, 225, 240, 241, 230,
362/146, 600, 606, 632, 151, 217, 219, 659,
362/258, 270, 279, 280, 292; D8/300, 314,
D8/323, 369, 376, 377, 394; D15/135, 136,
D15/144; D6/300, 491, 495, 500, 511, 580;
D13/110, 155, 179, 180; D34/29, 35, 38;
D25/38, 47, 60, 69, 113, 119, 120, 121, 122,
D25/123, 124, 125, 136, 138, 164; 52/177,
52/235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has no specific length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,686 S

Page 2

U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125
D290,404	S	*	6/1987	Stoler	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120
D294,867	S	*	3/1988	Meshulam	.....	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119
D301,304	S	*	5/1989	Will	.....	D8/373
D310,775	S	*	9/1990	Ruonala	.....	D8/377
D317,513	S	*	6/1991	Miller et al.	.....	D26/140
5,040,347	A	*	8/1991	Valvis	.....	52/204.591
D320,902	S	*	10/1991	Leist	.....	D6/491
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124
D326,140	S	*	5/1992	Dekel	.....	D23/267
D326,724	S	*	6/1992	Boer	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119
D329,707	S	*	9/1992	Embree et al.	.....	D25/119
D335,353	S	*	5/1993	Baker	.....	D25/38
D337,257	S	*	7/1993	Danieli	.....	D8/376
D342,579	S	*	12/1993	Mason	.....	D25/119
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119
D345,268	S	*	3/1994	Pate	.....	D6/511
D348,940	S	*	7/1994	Clark et al.	.....	D25/124
D353,467	S	*	12/1994	Raynes	.....	D25/38
D356,645	S	*	3/1995	Boer	.....	D25/119
5,430,627	A	*	7/1995	Nagano	.....	362/146
5,499,170	A	*	3/1996	Gagne	.....	362/84
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94
D375,324	S	*	11/1996	Grass	.....	D20/11
D378,432	S	*	3/1997	Raynes	.....	D25/164
D379,237	S	*	5/1997	Leonelli	.....	D25/119
D379,524	S	*	5/1997	Leonelli	.....	D25/119
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155
D393,083	S	*	3/1998	Caltrider	.....	D25/199
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202
D397,231	S	*	8/1998	Saxer	.....	D25/119
D417,607	S	*	12/1999	Vining	.....	D8/373
6,074,074	A	*	6/2000	Marcus	.....	362/240
6,107,576	A	*	8/2000	Morton et al.	.....	174/101
D432,672	S	*	10/2000	Grosfillex	.....	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124
D443,198	S	*	6/2001	Snyder	.....	D8/354
D445,211	S	*	7/2001	Baker	.....	D26/76
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5
6,302,560	B1	*	10/2001	Lai	.....	362/235
D450,234	S	*	11/2001	Bosgoed	.....	D8/377
D453,971	S	*	2/2002	Baker	.....	D25/124
6,361,186	B1	*	3/2002	Slayden	.....	362/241
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146
D482,405	S	*	11/2003	McIlvaine	.....	D20/43
D483,443	S	*	12/2003	Forsberg	.....	D23/267
6,659,623	B2	*	12/2003	Friend	.....	362/249.06
D486,340	S	*	2/2004	Sudano	.....	D6/577
D489,463	S	*	5/2004	Barnett	.....	D25/119
D489,830	S	*	5/2004	Barnett	.....	D25/119
D497,758	S	*	11/2004	Goldberg	.....	D6/580
D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
7,034,227	B2	*	4/2006	Fox	.....	174/95
D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D534,790	S	*	1/2007	Garda	.....	D8/377
D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D551,774	S	*	9/2007	McGinness	.....	D25/38
D552,259	S	*	10/2007	Allsopp	.....	D25/119
D554,422	S	*	11/2007	Lin	.....	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D557,825	S	*	12/2007	Willman	.....	D25/124
7,303,310	B2	*	12/2007	You et al.	.....	362/240
D560,822	S	*	1/2008	Flechsigs	.....	D25/121
7,331,689	B2	*	2/2008	Chen	.....	362/240
7,347,606	B1	*	3/2008	Patten	.....	362/565
D574,509	S	*	8/2008	Koch	.....	D25/38
D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D598,574	S	*	8/2009	Bergmann	.....	D25/122
D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D600,401	S	*	9/2009	Varrin	.....	D26/138
D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D602,346	S	*	10/2009	Allsopp	.....	D8/369
D606,793	S	*	12/2009	Allsopp	.....	D6/580
7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D611,169	S	*	3/2010	Harder	.....	D25/122
D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D621,090	S	*	8/2010	Klu	.....	D26/138
D621,961	S	*	8/2010	Gardner	.....	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
D623,342	S	*	9/2010	Klu	.....	D26/138
D623,343	S	*	9/2010	Kluš	.....	D26/138
D625,463	S	*	10/2010	Klus	.....	D26/138
D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D626,839	S	*	11/2010	Gross et al.	.....	D9/456
7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
D631,171	S	*	1/2011	Konrad	.....	D25/49
D634,063	S	*	3/2011	Peifer	.....	D26/138
D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D639,098	S	*	6/2011	Bosgoed	.....	D6/580
D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	.....	362/237
2006/0191101	A1	*	8/2006	Elmer	.....	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner

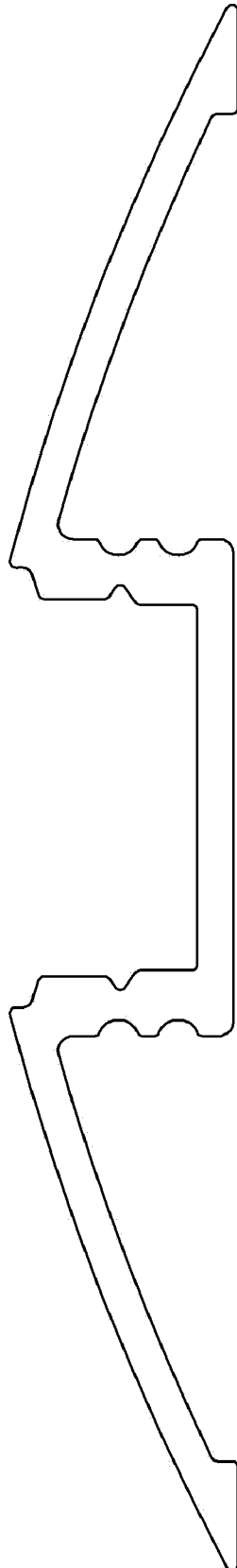


FIG. 1

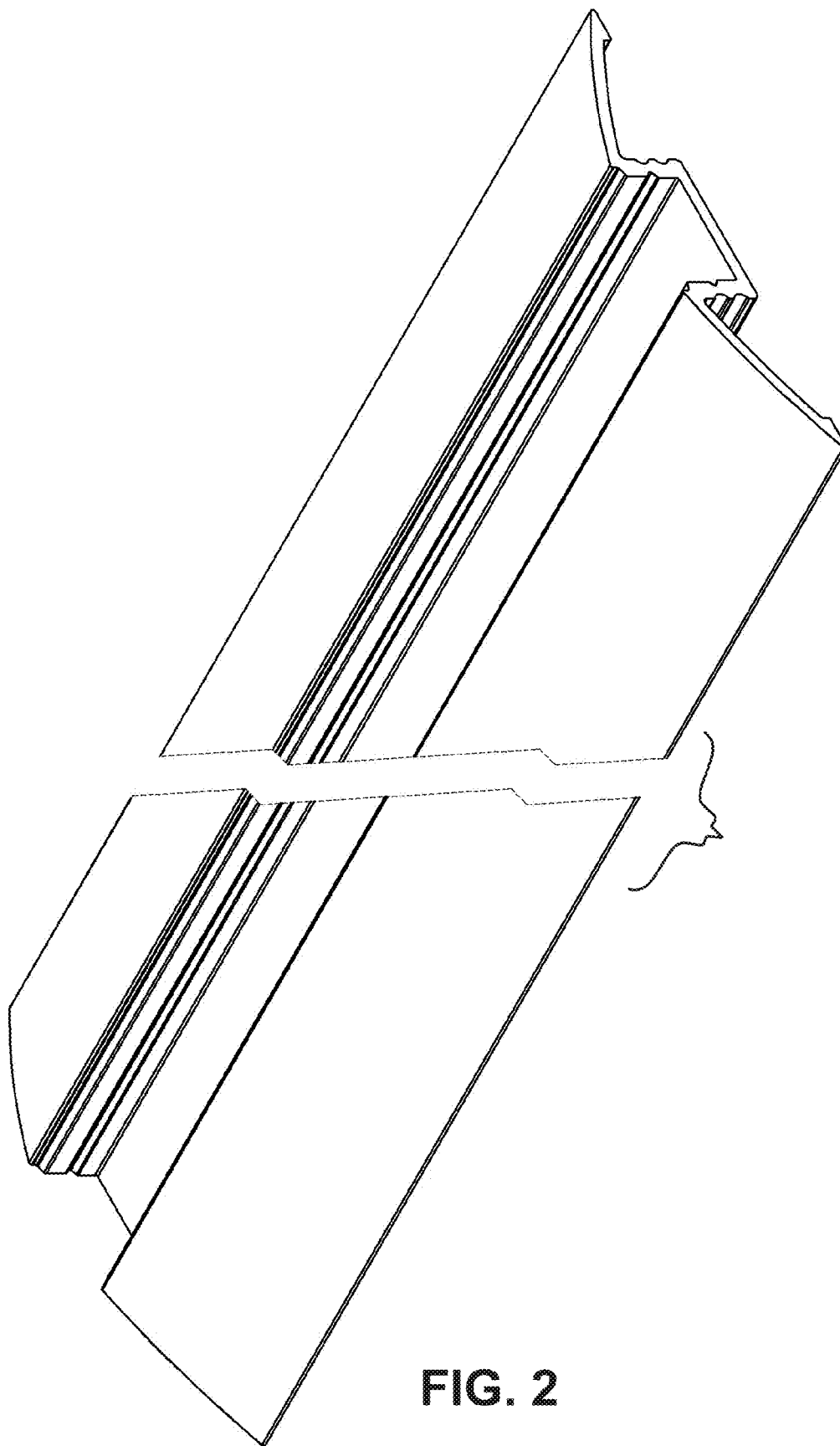


FIG. 2



US00D649687S

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

(10) **Patent No.:** **US D649,687 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,619**

(22) Filed: **Jun. 19, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0009

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

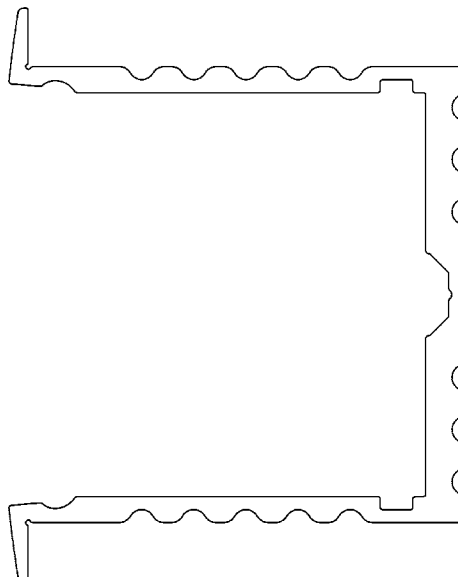
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,687 S

Page 2

U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125
D290,404	S	*	6/1987	Stoler	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120
D294,867	S	*	3/1988	Meshulam	.....	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119
D301,304	S	*	5/1989	Will	.....	D8/373
D310,775	S	*	9/1990	Ruonala	.....	D8/377
D317,513	S	*	6/1991	Miller et al.	.....	D26/140
5,040,347	A	*	8/1991	Valvis	.....	52/204.591
D320,902	S	*	10/1991	Leist	.....	D6/491
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124
D326,140	S	*	5/1992	Dekel	.....	D23/267
D326,724	S	*	6/1992	Boer	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119
D329,707	S	*	9/1992	Embree et al.	.....	D25/119
D335,353	S	*	5/1993	Baker	.....	D25/38
D337,257	S	*	7/1993	Danieli	.....	D8/376
D342,579	S	*	12/1993	Mason	.....	D25/119
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119
D345,268	S	*	3/1994	Pate	.....	D6/511
D348,940	S	*	7/1994	Clark et al.	.....	D25/124
D353,467	S	*	12/1994	Raynes	.....	D25/38
D356,645	S	*	3/1995	Boer	.....	D25/119
5,430,627	A	*	7/1995	Nagano	.....	362/146
5,499,170	A	*	3/1996	Gagne	.....	362/84
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94
D375,324	S	*	11/1996	Grass	.....	D20/11
D378,432	S	*	3/1997	Raynes	.....	D25/164
D379,237	S	*	5/1997	Leonelli	.....	D25/119
D379,524	S	*	5/1997	Leonelli	.....	D25/119
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155
D393,083	S	*	3/1998	Caltrider	.....	D25/199
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202
D397,231	S	*	8/1998	Saxer	.....	D25/119
D417,607	S	*	12/1999	Vining	.....	D8/373
6,074,074	A	*	6/2000	Marcus	.....	362/240
6,107,576	A	*	8/2000	Morton et al.	.....	174/101
D432,672	S	*	10/2000	Grosfillex	.....	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124
D443,198	S	*	6/2001	Snyder	.....	D8/354
D445,211	S	*	7/2001	Baker	.....	D26/76
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5
6,302,560	B1	*	10/2001	Lai	.....	362/235
D450,234	S	*	11/2001	Bosgoed	.....	D8/377
D453,971	S	*	2/2002	Baker	.....	D25/124
6,361,186	B1	*	3/2002	Slayden	.....	362/241
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146
D482,405	S	*	11/2003	McIlvaine	.....	D20/43
D483,443	S	*	12/2003	Forsberg	.....	D23/267
6,659,623	B2	*	12/2003	Friend	.....	362/249.06
D486,340	S	*	2/2004	Sudano	.....	D6/577
D489,463	S	*	5/2004	Barnett	.....	D25/119
D489,830	S	*	5/2004	Barnett	.....	D25/119
D497,758	S	*	11/2004	Goldberg	.....	D6/580
D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
7,034,227	B2	*	4/2006	Fox	.....	174/95
D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D534,790	S	*	1/2007	Garda	.....	D8/377
D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D551,774	S	*	9/2007	McGinness	.....	D25/38
D552,259	S	*	10/2007	Allsopp	.....	D25/119
D554,422	S	*	11/2007	Lin	.....	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D557,825	S	*	12/2007	Willman	.....	D25/124
7,303,310	B2	*	12/2007	You et al.	.....	362/240
D560,822	S	*	1/2008	Flechsigs	.....	D25/121
7,331,689	B2	*	2/2008	Chen	.....	362/240
7,347,606	B1	*	3/2008	Patten	.....	362/565
D574,509	S	*	8/2008	Koch	.....	D25/38
D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D598,574	S	*	8/2009	Bergmann	.....	D25/122
D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D600,401	S	*	9/2009	Varrin	.....	D26/138
D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D602,346	S	*	10/2009	Allsopp	.....	D8/369
D606,793	S	*	12/2009	Allsopp	.....	D6/580
7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D611,169	S	*	3/2010	Harder	.....	D25/122
D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D621,090	S	*	8/2010	Klu	.....	D26/138
D621,961	S	*	8/2010	Gardner	.....	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
D623,342	S	*	9/2010	Klu	.....	D26/138
D623,343	S	*	9/2010	Klu	.....	D26/138
D625,463	S	*	10/2010	Klu	.....	D26/138
D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D626,839	S	*	11/2010	Gross et al.	.....	D9/456
7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
D631,171	S	*	1/2011	Konrad	.....	D25/49
D634,063	S	*	3/2011	Peifer	.....	D26/138
D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D639,098	S	*	6/2011	Bosgoed	.....	D6/580
D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	.....	362/237
2006/0191101	A1	*	8/2006	Elmer	.....	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner

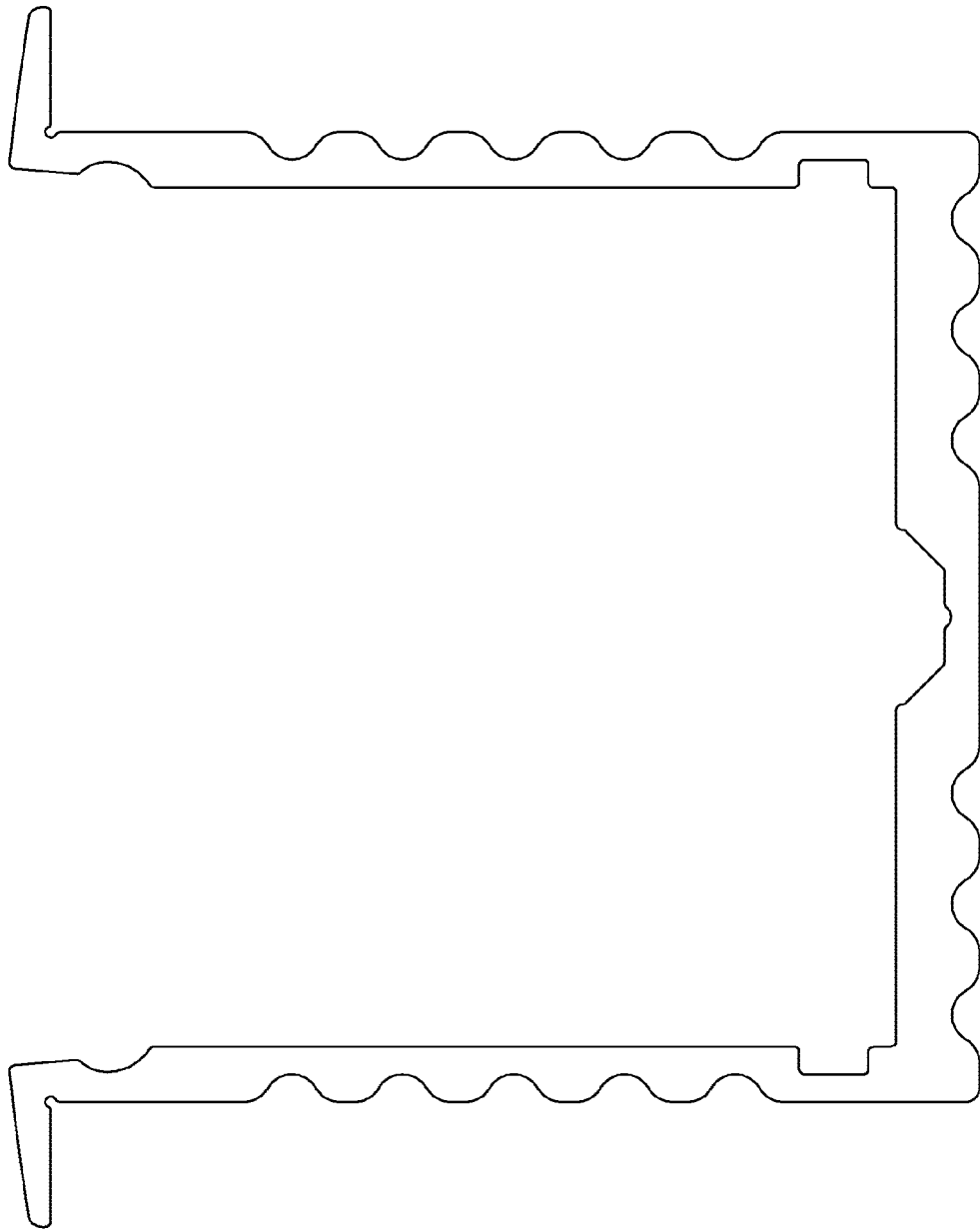


FIG. 1

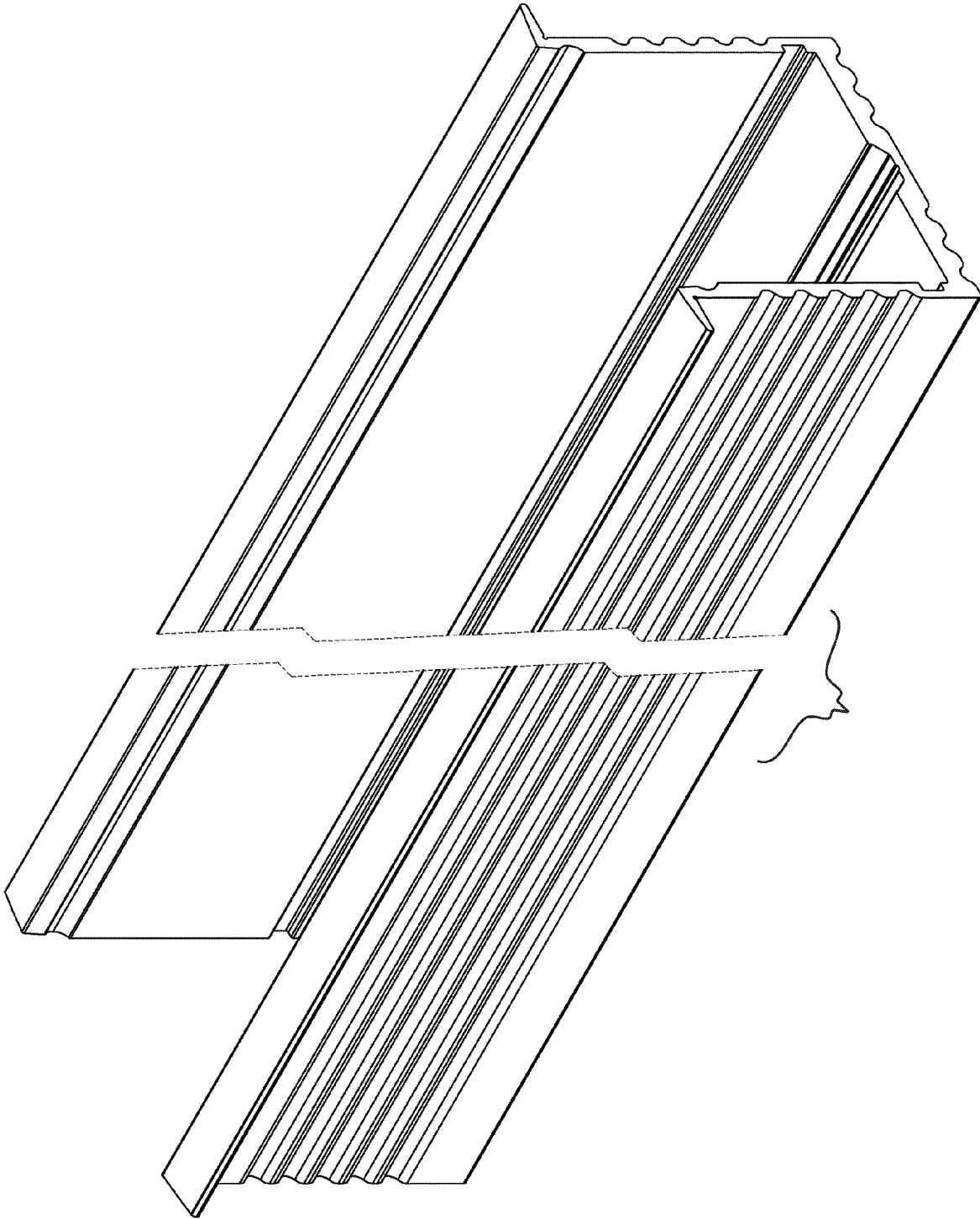


FIG. 2



US00D649688S

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

(10) **Patent No.:** **US D649,688 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,620**

(22) Filed: **Jun. 19, 2011**

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119

D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125
D286,194 S * 10/1986 Bancroft D25/125
D290,404 S * 6/1987 Stoler D25/119
D291,009 S * 7/1987 Weilow D25/120
D294,867 S * 3/1988 Meshulam D25/119

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

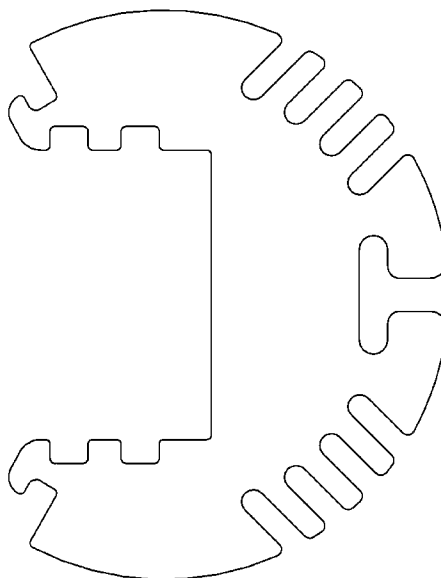
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has no specific length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,688 S

Page 2

U.S. PATENT DOCUMENTS

D299,273	S	*	1/1989	Pittman, Jr.	D25/119	D497,758	S	*	11/2004	Goldberg	D6/580
D301,304	S	*	5/1989	Will	D8/373	D503,485	S	*	3/2005	Willman et al.	D25/124
D310,775	S	*	9/1990	Ruonala	D8/377	D509,594	S	*	9/2005	Curtas et al.	D25/38
D317,513	S	*	6/1991	Miller et al.	D26/140	7,034,227	B2	*	4/2006	Fox	174/95
5,040,347	A	*	8/1991	Valvis	52/204.591	D522,297	S	*	6/2006	Miller et al.	D6/580
D320,902	S	*	10/1991	Leist	D6/491	D534,790	S	*	1/2007	Garda	D8/377
D325,095	S	*	3/1992	Dallaire et al.	D25/124	D546,104	S	*	7/2007	Miller et al.	D6/580
D326,140	S	*	5/1992	Dekel	D23/267	D551,774	S	*	9/2007	McGinness	D25/38
D326,724	S	*	6/1992	Boer	D25/119	D552,259	S	*	10/2007	Allsopp	D25/119
D328,139	S	*	7/1992	Boer	D25/119	D554,422	S	*	11/2007	Lin	D6/580
D329,707	S	*	9/1992	Embree et al.	D25/119	D557,429	S	*	12/2007	Bullock, Jr.	D25/119
D335,353	S	*	5/1993	Baker	D25/38	D557,825	S	*	12/2007	Willman	D25/124
D337,257	S	*	7/1993	Danieli	D8/376	7,303,310	B2	*	12/2007	You et al.	362/240
D342,579	S	*	12/1993	Mason	D25/119	D560,822	S	*	1/2008	Flechsigs	D25/121
D344,595	S	*	2/1994	Ehmke et al.	D25/119	7,331,689	B2	*	2/2008	Chen	362/240
D345,268	S	*	3/1994	Pate	D6/511	7,347,606	B1	*	3/2008	Patten	362/565
D348,940	S	*	7/1994	Clark et al.	D25/124	D574,509	S	*	8/2008	Koch	D25/38
D353,467	S	*	12/1994	Raynes	D25/38	D577,857	S	*	9/2008	Tress et al.	D26/141
D356,645	S	*	3/1995	Boer	D25/119	D578,248	S	*	10/2008	Lee et al.	D26/138
5,430,627	A	*	7/1995	Nagano	362/146	D578,705	S	*	10/2008	Aberg et al.	D26/138
5,499,170	A	*	3/1996	Gagne	362/84	D582,602	S	*	12/2008	Maxik et al.	D26/118
D373,963	S	*	9/1996	Nagai et al.	D10/94	D587,731	S	*	3/2009	Niedermeyer	D15/136
D375,324	S	*	11/1996	Grass	D20/11	D595,078	S	*	6/2009	Kollman et al.	D6/580
D378,432	S	*	3/1997	Raynes	D25/164	D595,984	S	*	7/2009	Kollman et al.	D6/580
D379,237	S	*	5/1997	Leonelli	D25/119	D598,574	S	*	8/2009	Bergmann	D25/122
D379,524	S	*	5/1997	Leonelli	D25/119	D599,387	S	*	9/2009	Chuo et al.	D15/143
D379,535	S	*	5/1997	Dallaire et al.	D25/125	D600,401	S	*	9/2009	Varrin	D26/138
D381,088	S	*	7/1997	DiGiorgio	D25/124	D600,484	S	*	9/2009	Anderson et al.	D6/580
D384,471	S	*	9/1997	Kubsik et al.	D34/29	D602,346	S	*	10/2009	Allsopp	D8/369
D389,460	S	*	1/1998	Wei-Hong	D13/155	D606,793	S	*	12/2009	Allsopp	D6/580
D393,083	S	*	3/1998	Caltrider	D25/199	7,654,703	B2	*	2/2010	Kan et al.	362/362
5,724,909	A	*	3/1998	Pitman et al.	116/202	D611,169	S	*	3/2010	Harder	D25/122
D397,231	S	*	8/1998	Saxer	D25/119	D616,035	S	*	5/2010	Kosir et al.	D20/44
D417,607	S	*	12/1999	Vining	D8/373	D616,946	S	*	6/2010	Garfinkle et al.	D20/43
6,074,074	A	*	6/2000	Marcus	362/240	D621,090	S	*	8/2010	Klu	D26/138
6,107,576	A	*	8/2000	Morton et al.	174/101	D621,961	S	*	8/2010	Gardner	D25/119
D432,672	S	*	10/2000	Grosfillex	D25/124	7,766,505	B2	*	8/2010	Tseng et al.	362/217.17
D437,944	S	*	2/2001	Neuhof, Jr.	D25/199	D623,342	S	*	9/2010	Klu	D26/138
D441,879	S	*	5/2001	Habeck et al.	D25/124	D623,343	S	*	9/2010	Klus	D26/138
D443,198	S	*	6/2001	Snyder	D8/354	D625,463	S	*	10/2010	Klus	D26/138
D445,211	S	*	7/2001	Baker	D26/76	D625,588	S	*	10/2010	Norris et al.	D8/382
6,276,634	B1	*	8/2001	Bodle	244/118.5	D626,839	S	*	11/2010	Gross et al.	D9/456
6,302,560	B1	*	10/2001	Lai	362/235	7,857,482	B2	*	12/2010	Reo et al.	362/225
D450,234	S	*	11/2001	Bosgoed	D8/377	D631,171	S	*	1/2011	Konrad	D25/49
D453,971	S	*	2/2002	Baker	D25/124	D634,063	S	*	3/2011	Peifer	D26/138
6,361,186	B1	*	3/2002	Slayden	362/241	D634,876	S	*	3/2011	McGrath et al.	D26/79
D455,634	S	*	4/2002	Hummel et al.	D8/314	D639,098	S	*	6/2011	Bosgoed	D6/580
6,385,047	B1	*	5/2002	McCullough et al.	361/704	D639,144	S	*	6/2011	Schaefer et al.	D8/354
D471,994	S	*	3/2003	Chaney et al.	D25/124	D641,101	S	*	7/2011	Radchenko et al.	D26/138
6,554,446	B1	*	4/2003	Walsh et al.	362/146	D641,923	S	*	7/2011	Radchenko et al.	D26/138
D482,405	S	*	11/2003	McIlvaine	D20/43	2003/0163967	A1	*	9/2003	Sims	52/586.2
D483,443	S	*	12/2003	Forsberg	D23/267	2004/0076004	A1	*	4/2004	Smith, Jr.	362/237
6,659,623	B2	*	12/2003	Friend	362/249.06	2006/0191101	A1	*	8/2006	Elmer	16/91
D486,340	S	*	2/2004	Sudano	D6/577	2008/0030981	A1	*	2/2008	Mrakovich et al.	362/219
D489,463	S	*	5/2004	Barnett	D25/119	2009/0207602	A1	*	8/2009	Reed et al.	362/225
D489,830	S	*	5/2004	Barnett	D25/119	2009/0219713	A1	*	9/2009	Siemiet et al.	362/218

* cited by examiner

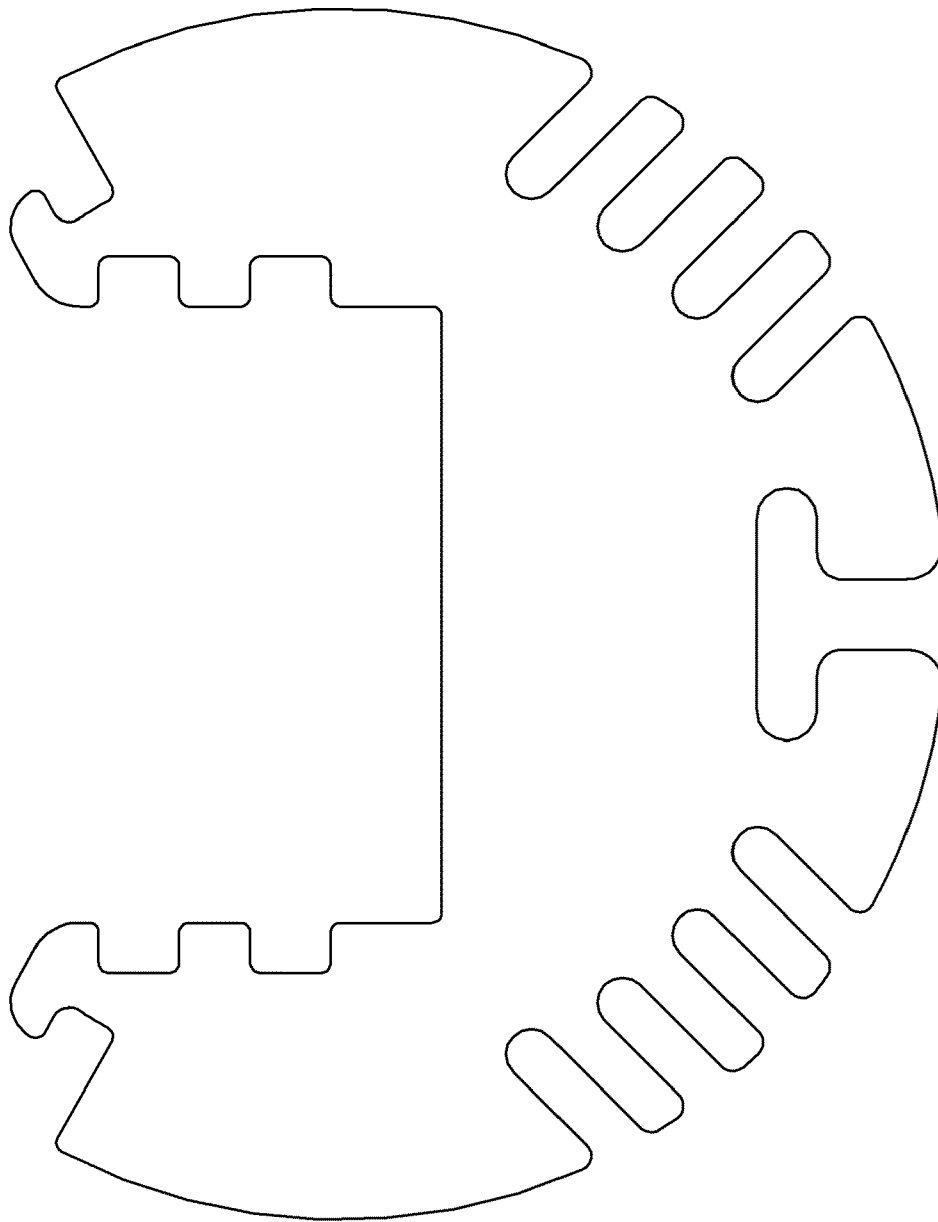
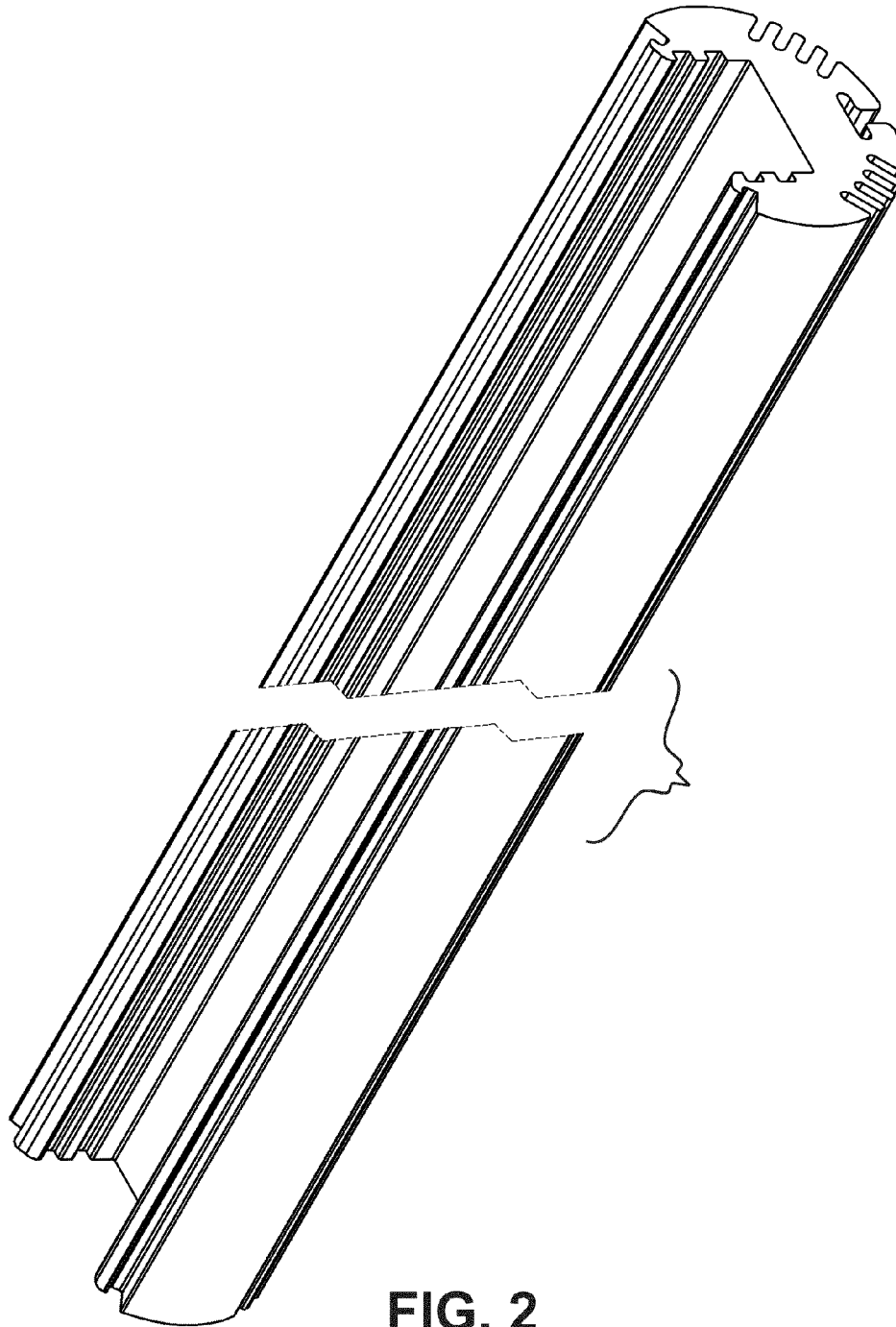


FIG. 1





US00D649689S

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

(10) **Patent No.:** **US D649,689 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,621**

(22) Filed: **Jun. 19, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0011

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

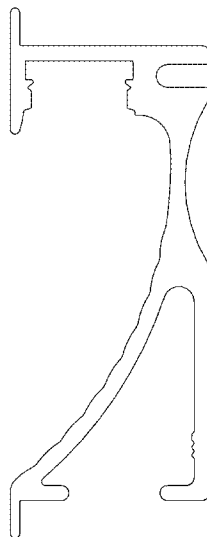
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,689 S

Page 2

U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125
D290,404	S	*	6/1987	Stoler	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120
D294,867	S	*	3/1988	Meshulam	.....	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119
D301,304	S	*	5/1989	Will	.....	D8/373
D310,775	S	*	9/1990	Ruonala	.....	D8/377
D317,513	S	*	6/1991	Miller et al.	.....	D26/140
5,040,347	A	*	8/1991	Valvis	.....	52/204.591
D320,902	S	*	10/1991	Leist	.....	D6/491
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124
D326,140	S	*	5/1992	Dekel	.....	D23/267
D326,724	S	*	6/1992	Boer	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119
D329,707	S	*	9/1992	Embree et al.	.....	D25/119
D335,353	S	*	5/1993	Baker	.....	D25/38
D337,257	S	*	7/1993	Danieli	.....	D8/376
D342,579	S	*	12/1993	Mason	.....	D25/119
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119
D345,268	S	*	3/1994	Pate	.....	D6/511
D348,940	S	*	7/1994	Clark et al.	.....	D25/124
D353,467	S	*	12/1994	Raynes	.....	D25/38
D356,645	S	*	3/1995	Boer	.....	D25/119
5,430,627	A	*	7/1995	Nagano	.....	362/146
5,499,170	A	*	3/1996	Gagne	.....	362/84
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94
D375,324	S	*	11/1996	Grass	.....	D20/11
D378,432	S	*	3/1997	Raynes	.....	D25/164
D379,237	S	*	5/1997	Leonelli	.....	D25/119
D379,524	S	*	5/1997	Leonelli	.....	D25/119
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155
D393,083	S	*	3/1998	Caltrider	.....	D25/199
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202
D397,231	S	*	8/1998	Saxer	.....	D25/119
D417,607	S	*	12/1999	Vining	.....	D8/373
6,074,074	A	*	6/2000	Marcus	.....	362/240
6,107,576	A	*	8/2000	Morton et al.	.....	174/101
D432,672	S	*	10/2000	Grosfillex	.....	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124
D443,198	S	*	6/2001	Snyder	.....	D8/354
D445,211	S	*	7/2001	Baker	.....	D26/76
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5
6,302,560	B1	*	10/2001	Lai	.....	362/235
D450,234	S	*	11/2001	Bosgoed	.....	D8/377
D453,971	S	*	2/2002	Baker	.....	D25/124
6,361,186	B1	*	3/2002	Slayden	.....	362/241
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146
D482,405	S	*	11/2003	McIlvaine	.....	D20/43
D483,443	S	*	12/2003	Forsberg	.....	D23/267
6,659,623	B2	*	12/2003	Friend	.....	362/249.06
D486,340	S	*	2/2004	Sudano	.....	D6/577
D489,463	S	*	5/2004	Barnett	.....	D25/119
D489,830	S	*	5/2004	Barnett	.....	D25/119
D497,758	S	*	11/2004	Goldberg	.....	D6/580
D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
7,034,227	B2	*	4/2006	Fox	.....	174/95
D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D534,790	S	*	1/2007	Garda	.....	D8/377
D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D551,774	S	*	9/2007	McGinness	.....	D25/38
D552,259	S	*	10/2007	Allsopp	.....	D25/119
D554,422	S	*	11/2007	Lin	.....	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D557,825	S	*	12/2007	Willman	.....	D25/124
7,303,310	B2	*	12/2007	You et al.	.....	362/240
D560,822	S	*	1/2008	Flechsigg	.....	D25/121
7,331,689	B2	*	2/2008	Chen	.....	362/240
7,347,606	B1	*	3/2008	Patten	.....	362/565
D574,509	S	*	8/2008	Koch	.....	D25/38
D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D598,574	S	*	8/2009	Bergmann	.....	D25/122
D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D600,401	S	*	9/2009	Varrin	.....	D26/138
D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D602,346	S	*	10/2009	Allsopp	.....	D8/369
D606,793	S	*	12/2009	Allsopp	.....	D6/580
7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D611,169	S	*	3/2010	Harder	.....	D25/122
D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D621,090	S	*	8/2010	Klu	.....	D26/138
D621,961	S	*	8/2010	Gardner	.....	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
D623,342	S	*	9/2010	Klu	.....	D26/138
D623,343	S	*	9/2010	Kluš	.....	D26/138
D625,463	S	*	10/2010	Klus	.....	D26/138
D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D626,839	S	*	11/2010	Gross et al.	.....	D9/456
7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
D631,171	S	*	1/2011	Konrad	.....	D25/49
D634,063	S	*	3/2011	Peifer	.....	D26/138
D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D639,098	S	*	6/2011	Bosgoed	.....	D6/580
D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	.....	362/237
2006/0191101	A1	*	8/2006	Elmer	.....	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner

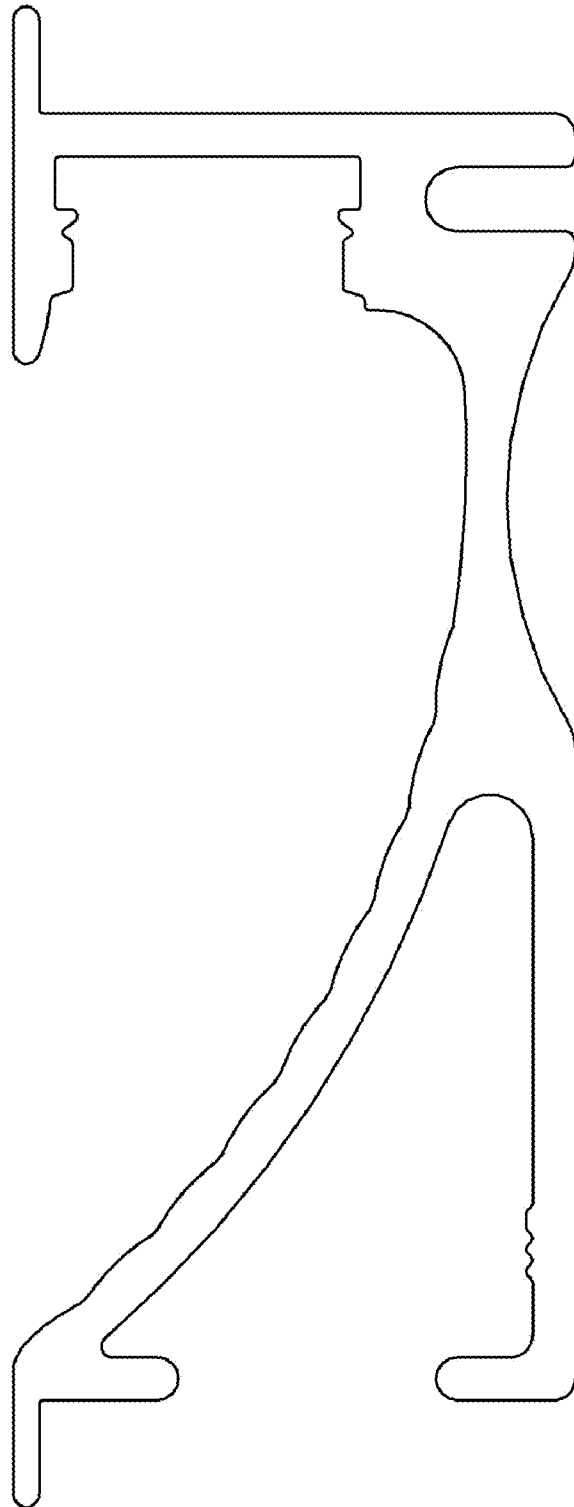


FIG. 1

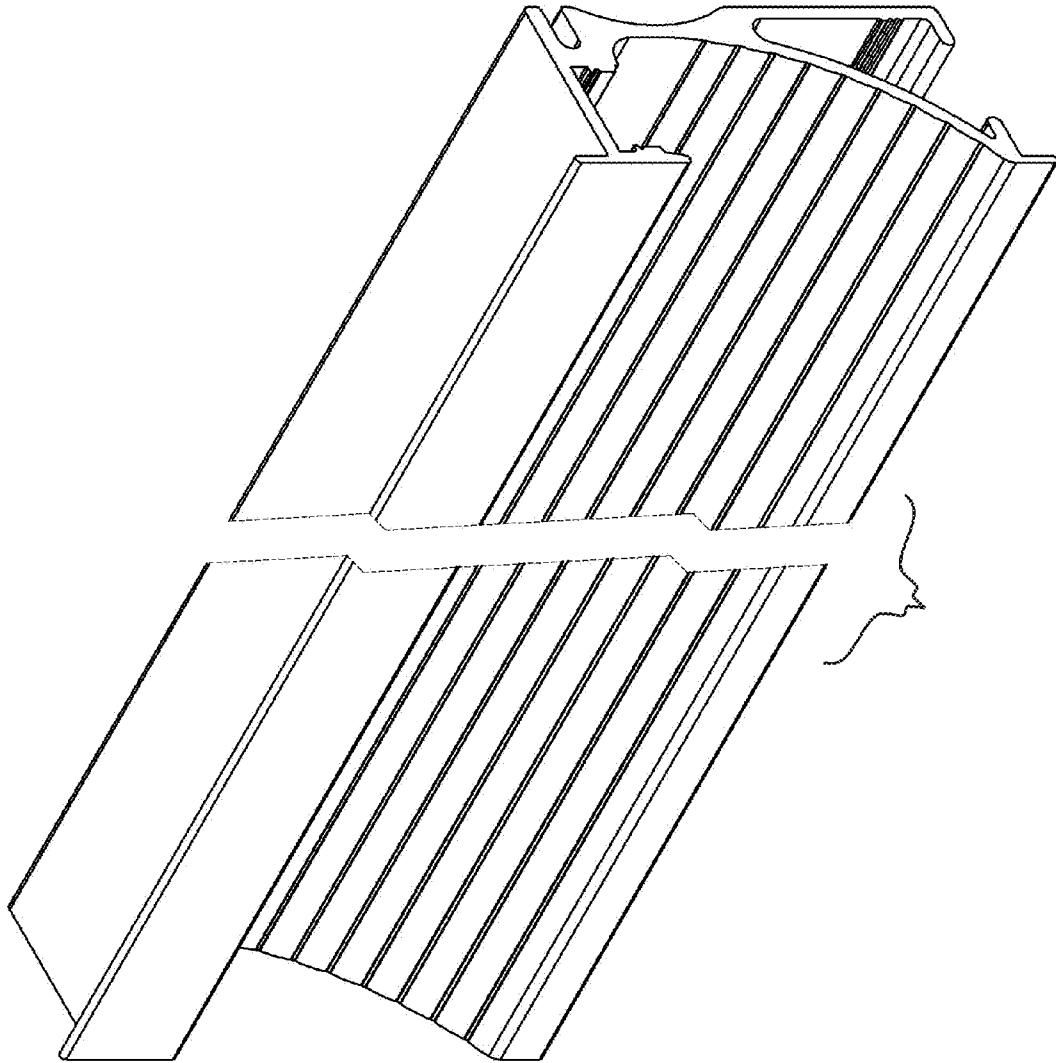


FIG. 2



US00D649690S

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

(10) **Patent No.:** **US D649,690 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,622**

(22) Filed: **Jun. 20, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EP) 001800889-0012

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

The ornamental design for an extrusion for led-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for led-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,690 S

Page 2

U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125
D290,404	S	*	6/1987	Stoler	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120
D294,867	S	*	3/1988	Meshulam	.....	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119
D301,304	S	*	5/1989	Will	.....	D8/373
D310,775	S	*	9/1990	Ruonala	.....	D8/377
D317,513	S	*	6/1991	Miller et al.	.....	D26/140
5,040,347	A	*	8/1991	Valvis	.....	52/204.591
D320,902	S	*	10/1991	Leist	.....	D6/491
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124
D326,140	S	*	5/1992	Dekel	.....	D23/267
D326,724	S	*	6/1992	Boer	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119
D329,707	S	*	9/1992	Embree et al.	.....	D25/119
D335,353	S	*	5/1993	Baker	.....	D25/38
D337,257	S	*	7/1993	Danieli	.....	D8/376
D342,579	S	*	12/1993	Mason	.....	D25/119
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119
D345,268	S	*	3/1994	Pate	.....	D6/511
D348,940	S	*	7/1994	Clark et al.	.....	D25/124
D353,467	S	*	12/1994	Raynes	.....	D25/38
D356,645	S	*	3/1995	Boer	.....	D25/119
5,430,627	A	*	7/1995	Nagano	.....	362/146
5,499,170	A	*	3/1996	Gagne	.....	362/84
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94
D375,324	S	*	11/1996	Grass	.....	D20/11
D378,432	S	*	3/1997	Raynes	.....	D25/164
D379,237	S	*	5/1997	Leonelli	.....	D25/119
D379,524	S	*	5/1997	Leonelli	.....	D25/119
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155
D393,083	S	*	3/1998	Caltrider	.....	D25/199
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202
D397,231	S	*	8/1998	Saxer	.....	D25/119
D417,607	S	*	12/1999	Vining	.....	D8/373
6,074,074	A	*	6/2000	Marcus	.....	362/240
6,107,576	A	*	8/2000	Morton et al.	.....	174/101
D432,672	S	*	10/2000	Grosfillex	.....	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124
D443,198	S	*	6/2001	Snyder	.....	D8/354
D445,211	S	*	7/2001	Baker	.....	D26/76
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5
6,302,560	B1	*	10/2001	Lai	.....	362/235
D450,234	S	*	11/2001	Bosgoed	.....	D8/377
D453,971	S	*	2/2002	Baker	.....	D25/124
6,361,186	B1	*	3/2002	Slayden	.....	362/241
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146
D482,405	S	*	11/2003	McIlvaine	.....	D20/43
D483,443	S	*	12/2003	Forsberg	.....	D23/267
6,659,623	B2	*	12/2003	Friend	.....	362/249.06
D486,340	S	*	2/2004	Sudano	.....	D6/577
D489,463	S	*	5/2004	Barnett	.....	D25/119
D489,830	S	*	5/2004	Barnett	.....	D25/119
D497,758	S	*	11/2004	Goldberg	.....	D6/580
D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
7,034,227	B2	*	4/2006	Fox	.....	174/95
D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D534,790	S	*	1/2007	Garda	.....	D8/377
D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D551,774	S	*	9/2007	McGinness	.....	D25/38
D552,259	S	*	10/2007	Allsopp	.....	D25/119
D554,422	S	*	11/2007	Lin	.....	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D557,825	S	*	12/2007	Willman	.....	D25/124
7,303,310	B2	*	12/2007	You et al.	.....	362/240
D560,822	S	*	1/2008	Flechsigs	.....	D25/121
7,331,689	B2	*	2/2008	Chen	.....	362/240
7,347,606	B1	*	3/2008	Patten	.....	362/565
D574,509	S	*	8/2008	Koch	.....	D25/38
D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D598,574	S	*	8/2009	Bergmann	.....	D25/122
D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D600,401	S	*	9/2009	Varrin	.....	D26/138
D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D602,346	S	*	10/2009	Allsopp	.....	D8/369
D606,793	S	*	12/2009	Allsopp	.....	D6/580
7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D611,169	S	*	3/2010	Harder	.....	D25/122
D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D621,090	S	*	8/2010	Klu	.....	D26/138
D621,961	S	*	8/2010	Gardner	.....	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
D623,342	S	*	9/2010	Klu	.....	D26/138
D623,343	S	*	9/2010	Kluš	.....	D26/138
D625,463	S	*	10/2010	Klus	.....	D26/138
D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D626,839	S	*	11/2010	Gross et al.	.....	D9/456
7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
D631,171	S	*	1/2011	Konrad	.....	D25/49
D634,063	S	*	3/2011	Peifer	.....	D26/138
D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D639,098	S	*	6/2011	Bosgoed	.....	D6/580
D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	.....	362/237
2006/0191101	A1	*	8/2006	Elmer	.....	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner

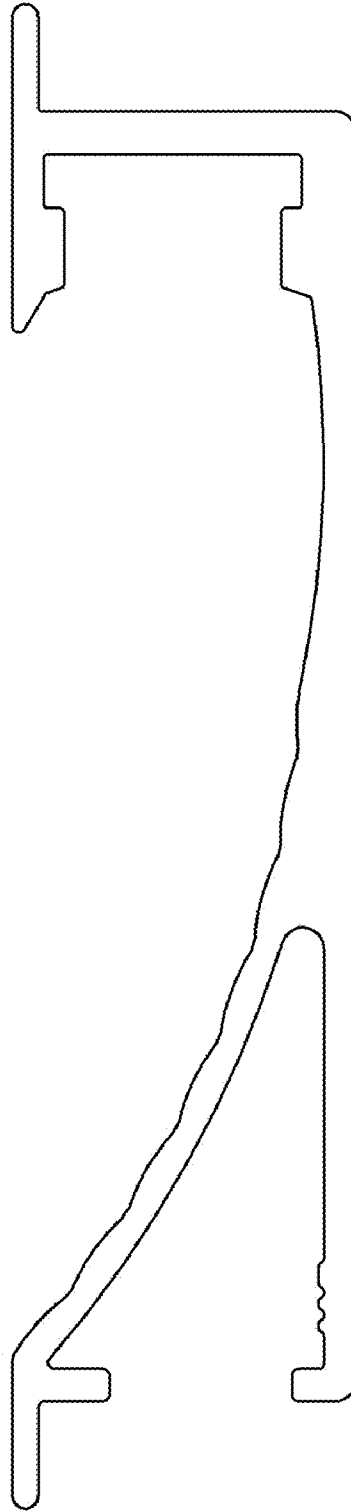


FIG. 1

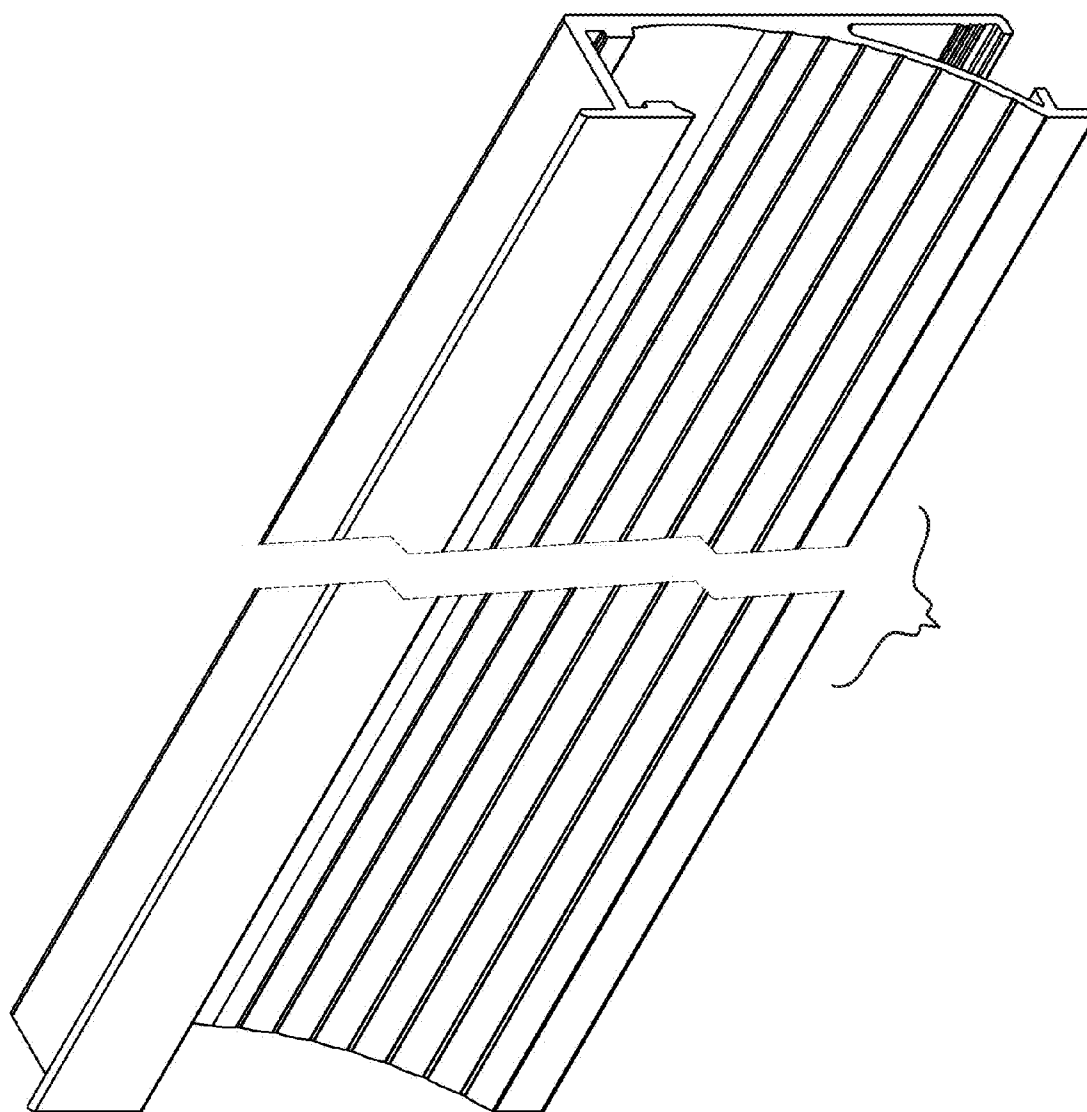


FIG. 2



US00D649691S

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

(10) **Patent No.:** **US D649,691 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,623**

(22) Filed: **Jun. 20, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0013

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

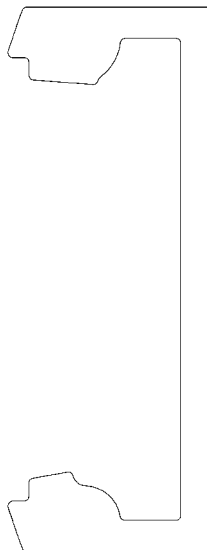
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,691 S

Page 2

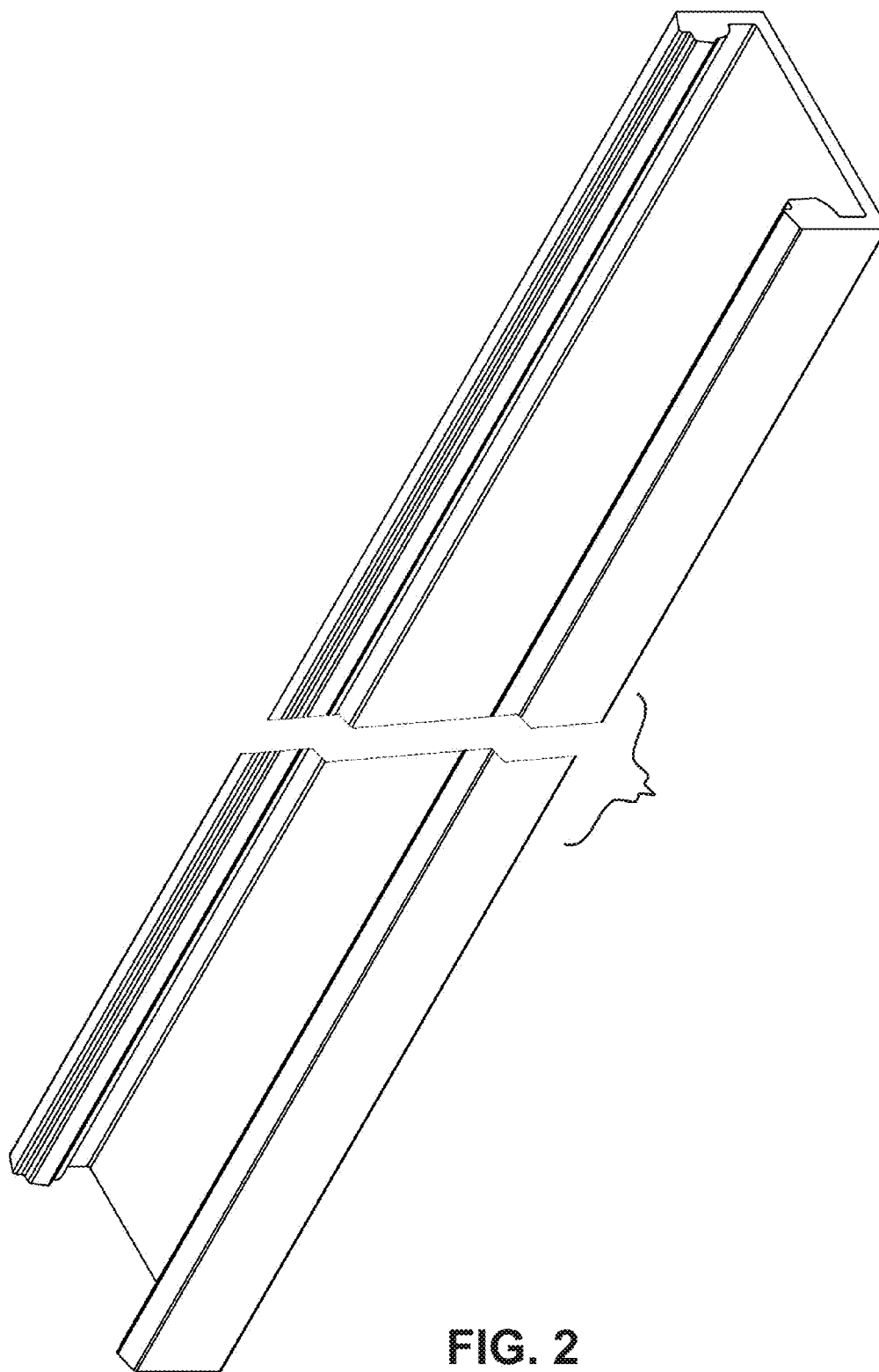
U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125	D489,463	S	*	5/2004	Barnett	.....	D25/119
D290,404	S	*	6/1987	Stoler	.....	D25/119	D489,830	S	*	5/2004	Barnett	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120	D497,758	S	*	11/2004	Goldberg	.....	D6/580
D294,867	S	*	3/1988	Meshulam	.....	D25/119	D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119	D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
D301,304	S	*	5/1989	Will	.....	D8/373	7,034,227	B2	*	4/2006	Fox	.....	174/95
D310,775	S	*	9/1990	Ruonala	.....	D8/377	D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D317,513	S	*	6/1991	Miller et al.	.....	D26/140	D534,790	S	*	1/2007	Garda	.....	D8/377
5,040,347	A	*	8/1991	Valvis	.....	52/204.591	D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D320,902	S	*	10/1991	Leist	.....	D6/491	D551,774	S	*	9/2007	McGinness	.....	D25/38
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124	D552,259	S	*	10/2007	Allsopp	.....	D25/119
D326,140	S	*	5/1992	Dekel	.....	D23/267	D554,422	S	*	11/2007	Lin	.....	D6/580
D326,724	S	*	6/1992	Boer	.....	D25/119	D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119	D557,825	S	*	12/2007	Willman	.....	D25/124
D329,707	S	*	9/1992	Embree et al.	.....	D25/119	7,303,310	B2	*	12/2007	You et al.	.....	362/240
D335,353	S	*	5/1993	Baker	.....	D25/38	D560,822	S	*	1/2008	Flechsigs	.....	D25/121
D337,257	S	*	7/1993	Danieli	.....	D8/376	7,331,689	B2	*	2/2008	Chen	.....	362/240
D342,579	S	*	12/1993	Mason	.....	D25/119	7,347,606	B1	*	3/2008	Patten	.....	362/565
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119	D574,509	S	*	8/2008	Koch	.....	D25/38
D345,268	S	*	3/1994	Pate	.....	D6/511	D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D348,940	S	*	7/1994	Clark et al.	.....	D25/124	D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D353,467	S	*	12/1994	Raynes	.....	D25/38	D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D356,645	S	*	3/1995	Boer	.....	D25/119	D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
5,430,627	A	*	7/1995	Nagano	.....	362/146	D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
5,499,170	A	*	3/1996	Gagne	.....	362/84	D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94	D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D375,324	S	*	11/1996	Grass	.....	D20/11	D598,574	S	*	8/2009	Bergmann	.....	D25/122
D378,432	S	*	3/1997	Raynes	.....	D25/164	D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D379,237	S	*	5/1997	Leonelli	.....	D25/119	D600,401	S	*	9/2009	Varrin	.....	D26/138
D379,524	S	*	5/1997	Leonelli	.....	D25/119	D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125	D602,346	S	*	10/2009	Allsopp	.....	D8/369
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124	D606,793	S	*	12/2009	Allsopp	.....	D6/580
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29	7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155	D611,169	S	*	3/2010	Harder	.....	D25/122
D393,083	S	*	3/1998	Caltrider	.....	D25/199	D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202	D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D397,231	S	*	8/1998	Saxer	.....	D25/119	D621,090	S	*	8/2010	Klu	.....	D26/138
D417,607	S	*	12/1999	Vining	.....	D8/373	D621,961	S	*	8/2010	Gardner	.....	D25/119
6,074,074	A	*	6/2000	Marcus	.....	362/240	7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
6,107,576	A	*	8/2000	Morton et al.	.....	174/101	D623,342	S	*	9/2010	Klu	.....	D26/138
D432,672	S	*	10/2000	Grosfillex	.....	D25/124	D623,343	S	*	9/2010	Klu	.....	D26/138
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199	D625,463	S	*	10/2010	Klu	.....	D26/138
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124	D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D443,198	S	*	6/2001	Snyder	.....	D8/354	D626,839	S	*	11/2010	Gross et al.	.....	D9/456
D445,211	S	*	7/2001	Baker	.....	D26/76	7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5	D631,171	S	*	1/2011	Konrad	.....	D25/49
6,302,560	B1	*	10/2001	Lai	.....	362/235	D634,063	S	*	3/2011	Peifer	.....	D26/138
D450,234	S	*	11/2001	Bosgoed	.....	D8/377	D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D453,971	S	*	2/2002	Baker	.....	D25/124	D639,098	S	*	6/2011	Bosgoed	.....	D6/580
6,361,186	B1	*	3/2002	Slayden	.....	362/241	D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314	D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704	D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124	2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146	2004/0076004	A1	*	4/2004	Smith	.....	362/237
D482,405	S	*	11/2003	McIlvaine	.....	D20/43	2006/0191101	A1	*	8/2006	Elmer	.....	16/91
D483,443	S	*	12/2003	Forsberg	.....	D23/267	2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
6,659,623	B2	*	12/2003	Friend	.....	362/249.06	2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
D486,340	S	*	2/2004	Sudano	.....	D6/577	2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner



FIG. 1





US00D649692S

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

(10) **Patent No.:** **US D649,692 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,624**

(22) Filed: **Jun. 20, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-0014

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125

D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

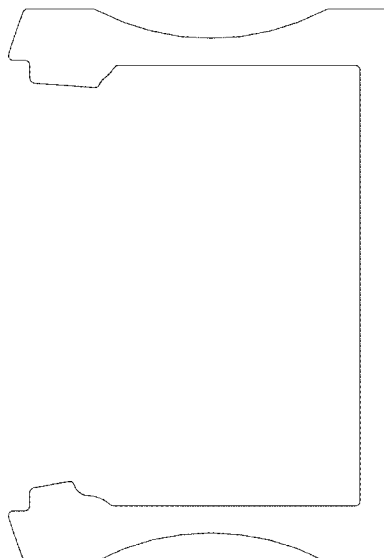
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,692 S

Page 2

U.S. PATENT DOCUMENTS

D286,194	S	*	10/1986	Bancroft	.....	D25/125
D290,404	S	*	6/1987	Stoler	.....	D25/119
D291,009	S	*	7/1987	Weilow	.....	D25/120
D294,867	S	*	3/1988	Meshulam	.....	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	.....	D25/119
D301,304	S	*	5/1989	Will	.....	D8/373
D310,775	S	*	9/1990	Ruonala	.....	D8/377
D317,513	S	*	6/1991	Miller et al.	.....	D26/140
5,040,347	A	*	8/1991	Valvis	.....	52/204.591
D320,902	S	*	10/1991	Leist	.....	D6/491
D325,095	S	*	3/1992	Dallaire et al.	.....	D25/124
D326,140	S	*	5/1992	Dekel	.....	D23/267
D326,724	S	*	6/1992	Boer	.....	D25/119
D328,139	S	*	7/1992	Boer	.....	D25/119
D329,707	S	*	9/1992	Embree et al.	.....	D25/119
D335,353	S	*	5/1993	Baker	.....	D25/38
D337,257	S	*	7/1993	Danieli	.....	D8/376
D342,579	S	*	12/1993	Mason	.....	D25/119
D344,595	S	*	2/1994	Ehmke et al.	.....	D25/119
D345,268	S	*	3/1994	Pate	.....	D6/511
D348,940	S	*	7/1994	Clark et al.	.....	D25/124
D353,467	S	*	12/1994	Raynes	.....	D25/38
D356,645	S	*	3/1995	Boer	.....	D25/119
5,430,627	A	*	7/1995	Nagano	.....	362/146
5,499,170	A	*	3/1996	Gagne	.....	362/84
D373,963	S	*	9/1996	Nagai et al.	.....	D10/94
D375,324	S	*	11/1996	Grass	.....	D20/11
D378,432	S	*	3/1997	Raynes	.....	D25/164
D379,237	S	*	5/1997	Leonelli	.....	D25/119
D379,524	S	*	5/1997	Leonelli	.....	D25/119
D379,535	S	*	5/1997	Dallaire et al.	.....	D25/125
D381,088	S	*	7/1997	DiGiorgio	.....	D25/124
D384,471	S	*	9/1997	Kubsik et al.	.....	D34/29
D389,460	S	*	1/1998	Wei-Hong	.....	D13/155
D393,083	S	*	3/1998	Caltrider	.....	D25/199
5,724,909	A	*	3/1998	Pitman et al.	.....	116/202
D397,231	S	*	8/1998	Saxer	.....	D25/119
D417,607	S	*	12/1999	Vining	.....	D8/373
6,074,074	A	*	6/2000	Marcus	.....	362/240
6,107,576	A	*	8/2000	Morton et al.	.....	174/101
D432,672	S	*	10/2000	Grosfillex	.....	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	.....	D25/199
D441,879	S	*	5/2001	Habeck et al.	.....	D25/124
D443,198	S	*	6/2001	Snyder	.....	D8/354
D445,211	S	*	7/2001	Baker	.....	D26/76
6,276,634	B1	*	8/2001	Bodle	.....	244/118.5
6,302,560	B1	*	10/2001	Lai	.....	362/235
D450,234	S	*	11/2001	Bosgoed	.....	D8/377
D453,971	S	*	2/2002	Baker	.....	D25/124
6,361,186	B1	*	3/2002	Slayden	.....	362/241
D455,634	S	*	4/2002	Hummel et al.	.....	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	.....	361/704
D471,994	S	*	3/2003	Chaney et al.	.....	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	.....	362/146
D482,405	S	*	11/2003	McIlvaine	.....	D20/43
D483,443	S	*	12/2003	Forsberg	.....	D23/267
6,659,623	B2	*	12/2003	Friend	.....	362/249.06
D486,340	S	*	2/2004	Sudano	.....	D6/577
D489,463	S	*	5/2004	Barnett	.....	D25/119
D489,830	S	*	5/2004	Barnett	.....	D25/119
D497,758	S	*	11/2004	Goldberg	.....	D6/580
D503,485	S	*	3/2005	Willman et al.	.....	D25/124
D509,594	S	*	9/2005	Curtas et al.	.....	D25/38
7,034,227	B2	*	4/2006	Fox	.....	174/95
D522,297	S	*	6/2006	Miller et al.	.....	D6/580
D534,790	S	*	1/2007	Garda	.....	D8/377
D546,104	S	*	7/2007	Miller et al.	.....	D6/580
D551,774	S	*	9/2007	McGinness	.....	D25/38
D552,259	S	*	10/2007	Allsopp	.....	D25/119
D554,422	S	*	11/2007	Lin	.....	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	.....	D25/119
D557,825	S	*	12/2007	Willman	.....	D25/124
7,303,310	B2	*	12/2007	You et al.	.....	362/240
D560,822	S	*	1/2008	Flechsigs	.....	D25/121
7,331,689	B2	*	2/2008	Chen	.....	362/240
7,347,606	B1	*	3/2008	Patten	.....	362/565
D574,509	S	*	8/2008	Koch	.....	D25/38
D577,857	S	*	9/2008	Tress et al.	.....	D26/141
D578,248	S	*	10/2008	Lee et al.	.....	D26/138
D578,705	S	*	10/2008	Aberg et al.	.....	D26/138
D582,602	S	*	12/2008	Maxik et al.	.....	D26/118
D587,731	S	*	3/2009	Niedermeyer	.....	D15/136
D595,078	S	*	6/2009	Kollman et al.	.....	D6/580
D595,984	S	*	7/2009	Kollman et al.	.....	D6/580
D598,574	S	*	8/2009	Bergmann	.....	D25/122
D599,387	S	*	9/2009	Chuo et al.	.....	D15/143
D600,401	S	*	9/2009	Varrin	.....	D26/138
D600,484	S	*	9/2009	Anderson et al.	.....	D6/580
D602,346	S	*	10/2009	Allsopp	.....	D8/369
D606,793	S	*	12/2009	Allsopp	.....	D6/580
7,654,703	B2	*	2/2010	Kan et al.	.....	362/362
D611,169	S	*	3/2010	Harder	.....	D25/122
D616,035	S	*	5/2010	Kosir et al.	.....	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	.....	D20/43
D621,090	S	*	8/2010	Klu	.....	D26/138
D621,961	S	*	8/2010	Gardner	.....	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	.....	362/217.17
D623,342	S	*	9/2010	Klu	.....	D26/138
D623,343	S	*	9/2010	Klu	.....	D26/138
D625,463	S	*	10/2010	Klu	.....	D26/138
D625,588	S	*	10/2010	Norris et al.	.....	D8/382
D626,839	S	*	11/2010	Gross et al.	.....	D9/456
7,857,482	B2	*	12/2010	Reo et al.	.....	362/225
D631,171	S	*	1/2011	Konrad	.....	D25/49
D634,063	S	*	3/2011	Peifer	.....	D26/138
D634,876	S	*	3/2011	McGrath et al.	.....	D26/79
D639,098	S	*	6/2011	Bosgoed	.....	D6/580
D639,144	S	*	6/2011	Schaefer et al.	.....	D8/354
D641,101	S	*	7/2011	Radchenko et al.	.....	D26/138
D641,923	S	*	7/2011	Radchenko et al.	.....	D26/138
2003/0163967	A1	*	9/2003	Sims	.....	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	.....	362/237
2006/0191101	A1	*	8/2006	Elmer	.....	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	.....	362/219
2009/0207602	A1	*	8/2009	Reed et al.	.....	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	.....	362/218

* cited by examiner

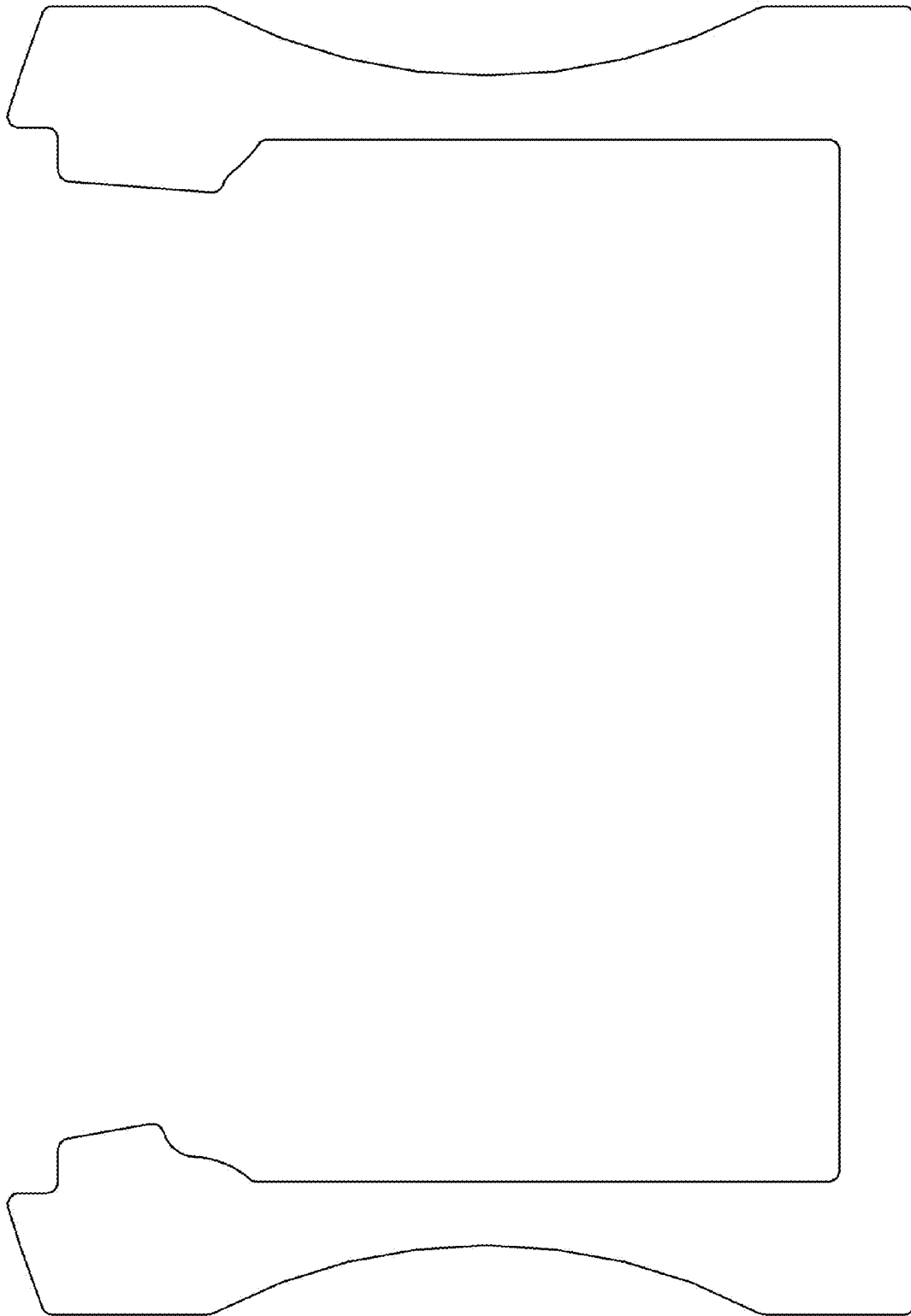


FIG. 1

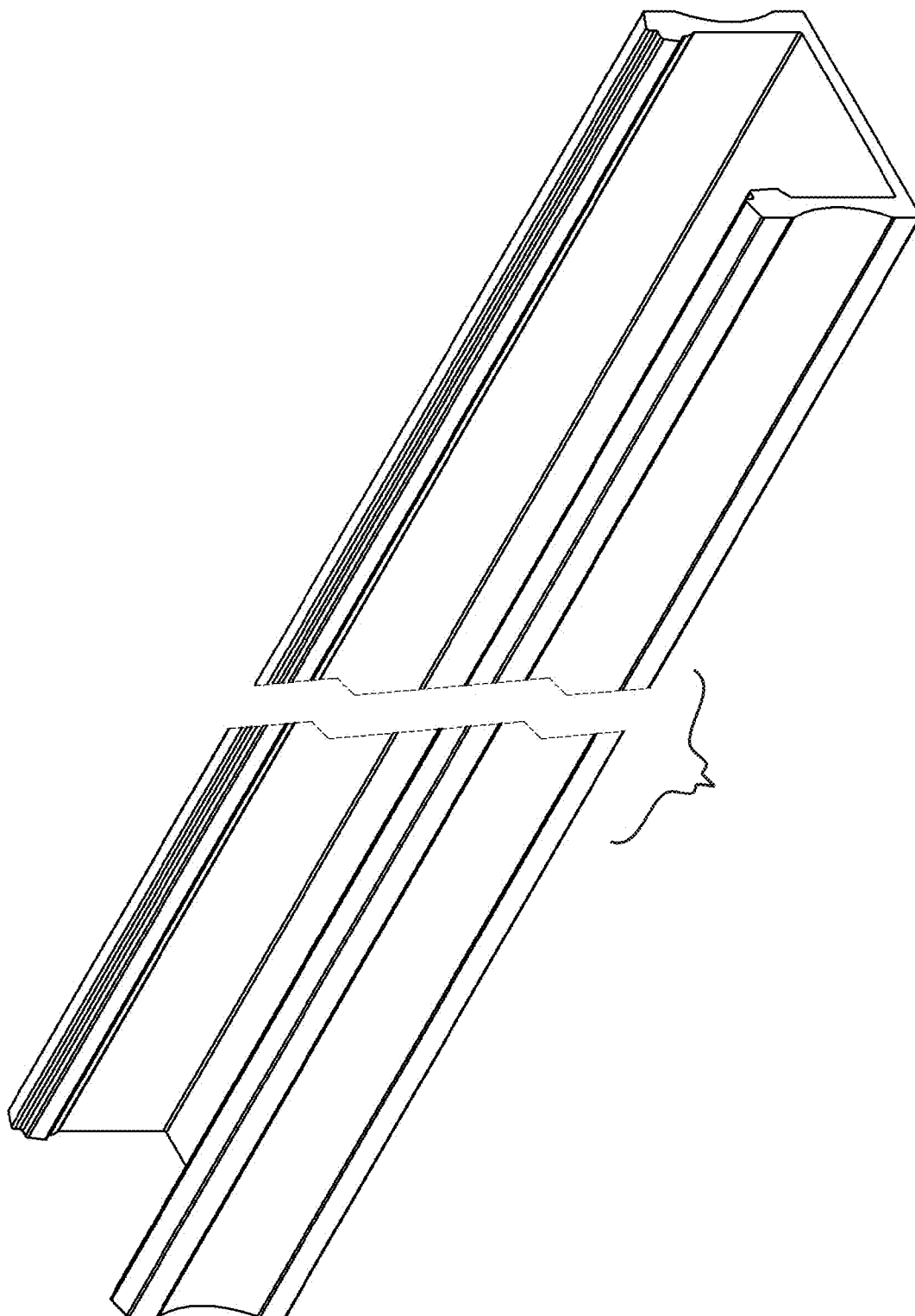


FIG. 2



US00D649693S

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

(10) **Patent No.:** **US D649,693 S**

(45) **Date of Patent:** **** Nov. 29, 2011**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski**, Cremorne (PL)

(73) Assignee: **LEDs ON**, Warsaw (PL)

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

(21) Appl. No.: **29/394,625**

(22) Filed: **Jun. 20, 2011**

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119
D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119

D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403
D269,910 S * 7/1983 Johansson D25/124
D283,446 S * 4/1986 Burkinshaw D25/125
D286,194 S * 10/1986 Bancroft D25/125
D290,404 S * 6/1987 Stoler D25/119
D291,009 S * 7/1987 Weilow D25/120
D294,867 S * 3/1988 Meshulam D25/119

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

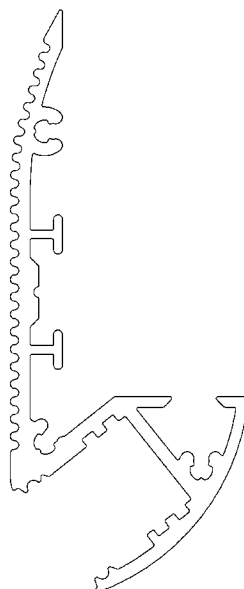
The ornamental design for an extrusion for led-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for led-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has no specific length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D649,693 S

Page 2

U.S. PATENT DOCUMENTS

D299,273	S	*	1/1989	Pittman, Jr.	D25/119	D497,758	S	*	11/2004	Goldberg	D6/580
D301,304	S	*	5/1989	Will	D8/373	D503,485	S	*	3/2005	Willman et al.	D25/124
D310,775	S	*	9/1990	Ruonala	D8/377	D509,594	S	*	9/2005	Curtas et al.	D25/38
D317,513	S	*	6/1991	Miller et al.	D26/140	7,034,227	B2	*	4/2006	Fox	174/95
5,040,347	A	*	8/1991	Valvis	52/204.591	D522,297	S	*	6/2006	Miller et al.	D6/580
D320,902	S	*	10/1991	Leist	D6/491	D534,790	S	*	1/2007	Garda	D8/377
D325,095	S	*	3/1992	Dallaire et al.	D25/124	D546,104	S	*	7/2007	Miller et al.	D6/580
D326,140	S	*	5/1992	Dekel	D23/267	D551,774	S	*	9/2007	McGinness	D25/38
D326,724	S	*	6/1992	Boer	D25/119	D552,259	S	*	10/2007	Allsopp	D25/119
D328,139	S	*	7/1992	Boer	D25/119	D554,422	S	*	11/2007	Lin	D6/580
D329,707	S	*	9/1992	Embree et al.	D25/119	D557,429	S	*	12/2007	Bullock, Jr.	D25/119
D335,353	S	*	5/1993	Baker	D25/38	D557,825	S	*	12/2007	Willman	D25/124
D337,257	S	*	7/1993	Danieli	D8/376	7,303,310	B2	*	12/2007	You et al.	362/240
D342,579	S	*	12/1993	Mason	D25/119	D560,822	S	*	1/2008	Flechsigs	D25/121
D344,595	S	*	2/1994	Ehmke et al.	D25/119	7,331,689	B2	*	2/2008	Chen	362/240
D345,268	S	*	3/1994	Pate	D6/511	7,347,606	B1	*	3/2008	Patten	362/565
D348,940	S	*	7/1994	Clark et al.	D25/124	D574,509	S	*	8/2008	Koch	D25/38
D353,467	S	*	12/1994	Raynes	D25/38	D577,857	S	*	9/2008	Tress et al.	D26/141
D356,645	S	*	3/1995	Boer	D25/119	D578,248	S	*	10/2008	Lee et al.	D26/138
5,430,627	A	*	7/1995	Nagano	362/146	D578,705	S	*	10/2008	Aberg et al.	D26/138
5,499,170	A	*	3/1996	Gagne	362/84	D582,602	S	*	12/2008	Maxik et al.	D26/118
D373,963	S	*	9/1996	Nagai et al.	D10/94	D587,731	S	*	3/2009	Niedermeyer	D15/136
D375,324	S	*	11/1996	Grass	D20/11	D595,078	S	*	6/2009	Kollman et al.	D6/580
D378,432	S	*	3/1997	Raynes	D25/164	D595,984	S	*	7/2009	Kollman et al.	D6/580
D379,237	S	*	5/1997	Leonelli	D25/119	D598,574	S	*	8/2009	Bergmann	D25/122
D379,524	S	*	5/1997	Leonelli	D25/119	D599,387	S	*	9/2009	Chuo et al.	D15/143
D379,535	S	*	5/1997	Dallaire et al.	D25/125	D600,401	S	*	9/2009	Varrin	D26/138
D381,088	S	*	7/1997	DiGiorgio	D25/124	D600,484	S	*	9/2009	Anderson et al.	D6/580
D384,471	S	*	9/1997	Kubsik et al.	D34/29	D602,346	S	*	10/2009	Allsopp	D8/369
D389,460	S	*	1/1998	Wei-Hong	D13/155	D606,793	S	*	12/2009	Allsopp	D6/580
D393,083	S	*	3/1998	Caltrider	D25/199	7,654,703	B2	*	2/2010	Kan et al.	362/362
5,724,909	A	*	3/1998	Pitman et al.	116/202	D611,169	S	*	3/2010	Harder	D25/122
D397,231	S	*	8/1998	Saxer	D25/119	D616,035	S	*	5/2010	Kosir et al.	D20/44
D417,607	S	*	12/1999	Vining	D8/373	D616,946	S	*	6/2010	Garfinkle et al.	D20/43
6,074,074	A	*	6/2000	Marcus	362/240	D621,090	S	*	8/2010	Klu	D26/138
6,107,576	A	*	8/2000	Morton et al.	174/101	D621,961	S	*	8/2010	Gardner	D25/119
D432,672	S	*	10/2000	Grosfillex	D25/124	7,766,505	B2	*	8/2010	Tseng et al.	362/217.17
D437,944	S	*	2/2001	Neuhof, Jr.	D25/199	D623,342	S	*	9/2010	Klu	D26/138
D441,879	S	*	5/2001	Habeck et al.	D25/124	D623,343	S	*	9/2010	Klus	D26/138
D443,198	S	*	6/2001	Snyder	D8/354	D625,463	S	*	10/2010	Klus	D26/138
D445,211	S	*	7/2001	Baker	D26/76	D625,588	S	*	10/2010	Norris et al.	D8/382
6,276,634	B1	*	8/2001	Bodle	244/118.5	D626,839	S	*	11/2010	Gross et al.	D9/456
6,302,560	B1	*	10/2001	Lai	362/235	7,857,482	B2	*	12/2010	Reo et al.	362/225
D450,234	S	*	11/2001	Bosgoed	D8/377	D631,171	S	*	1/2011	Konrad	D25/49
D453,971	S	*	2/2002	Baker	D25/124	D634,063	S	*	3/2011	Peifer	D26/138
6,361,186	B1	*	3/2002	Slayden	362/241	D634,876	S	*	3/2011	McGrath et al.	D26/79
D455,634	S	*	4/2002	Hummel et al.	D8/314	D639,098	S	*	6/2011	Bosgoed	D6/580
6,385,047	B1	*	5/2002	McCullough et al.	361/704	D639,144	S	*	6/2011	Schaefer et al.	D8/354
D471,994	S	*	3/2003	Chaney et al.	D25/124	D641,101	S	*	7/2011	Radchenko et al.	D26/138
6,554,446	B1	*	4/2003	Walsh et al.	362/146	D641,923	S	*	7/2011	Radchenko et al.	D26/138
D482,405	S	*	11/2003	McIlvaine	D20/43	2003/0163967	A1	*	9/2003	Sims	52/586.2
D483,443	S	*	12/2003	Forsberg	D23/267	2004/0076004	A1	*	4/2004	Smith, Jr.	362/237
6,659,623	B2	*	12/2003	Friend	362/249.06	2006/0191101	A1	*	8/2006	Elmer	16/91
D486,340	S	*	2/2004	Sudano	D6/577	2008/0030981	A1	*	2/2008	Mrakovich et al.	362/219
D489,463	S	*	5/2004	Barnett	D25/119	2009/0207602	A1	*	8/2009	Reed et al.	362/225
D489,830	S	*	5/2004	Barnett	D25/119	2009/0219713	A1	*	9/2009	Siemiet et al.	362/218

* cited by examiner

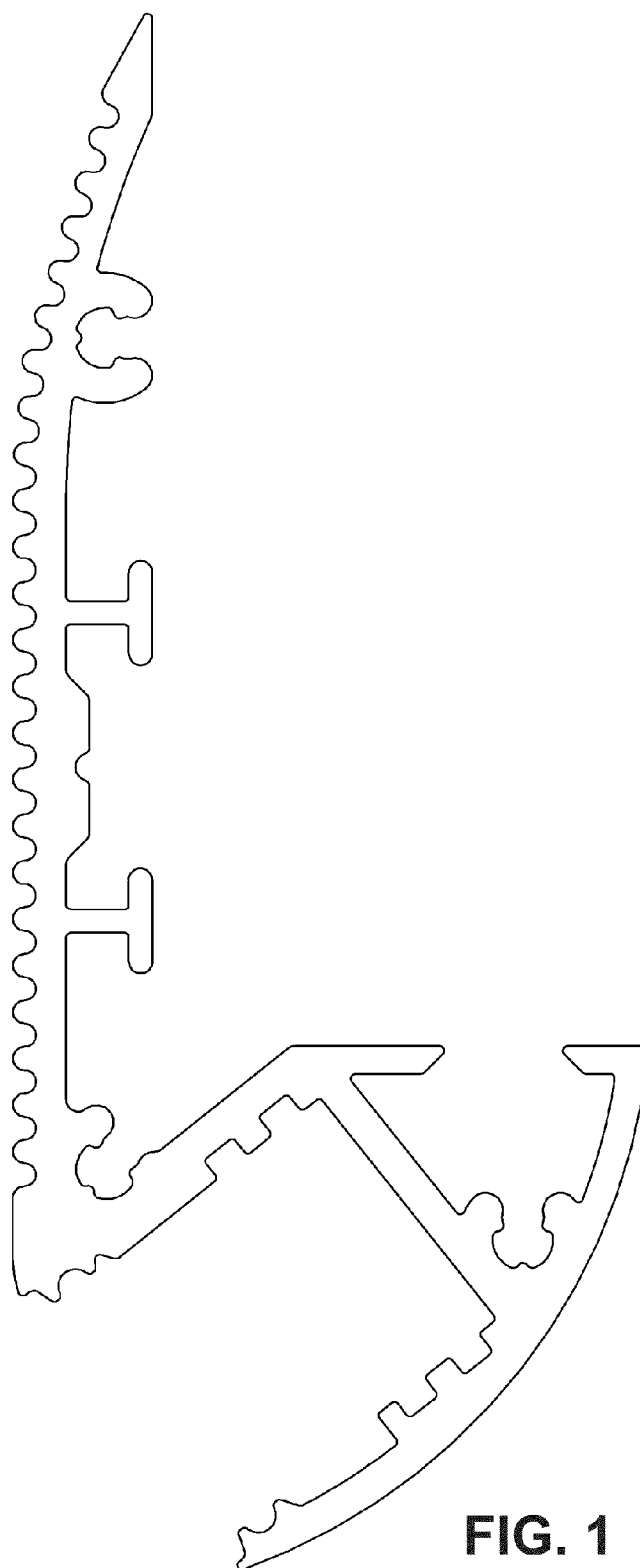


FIG. 1

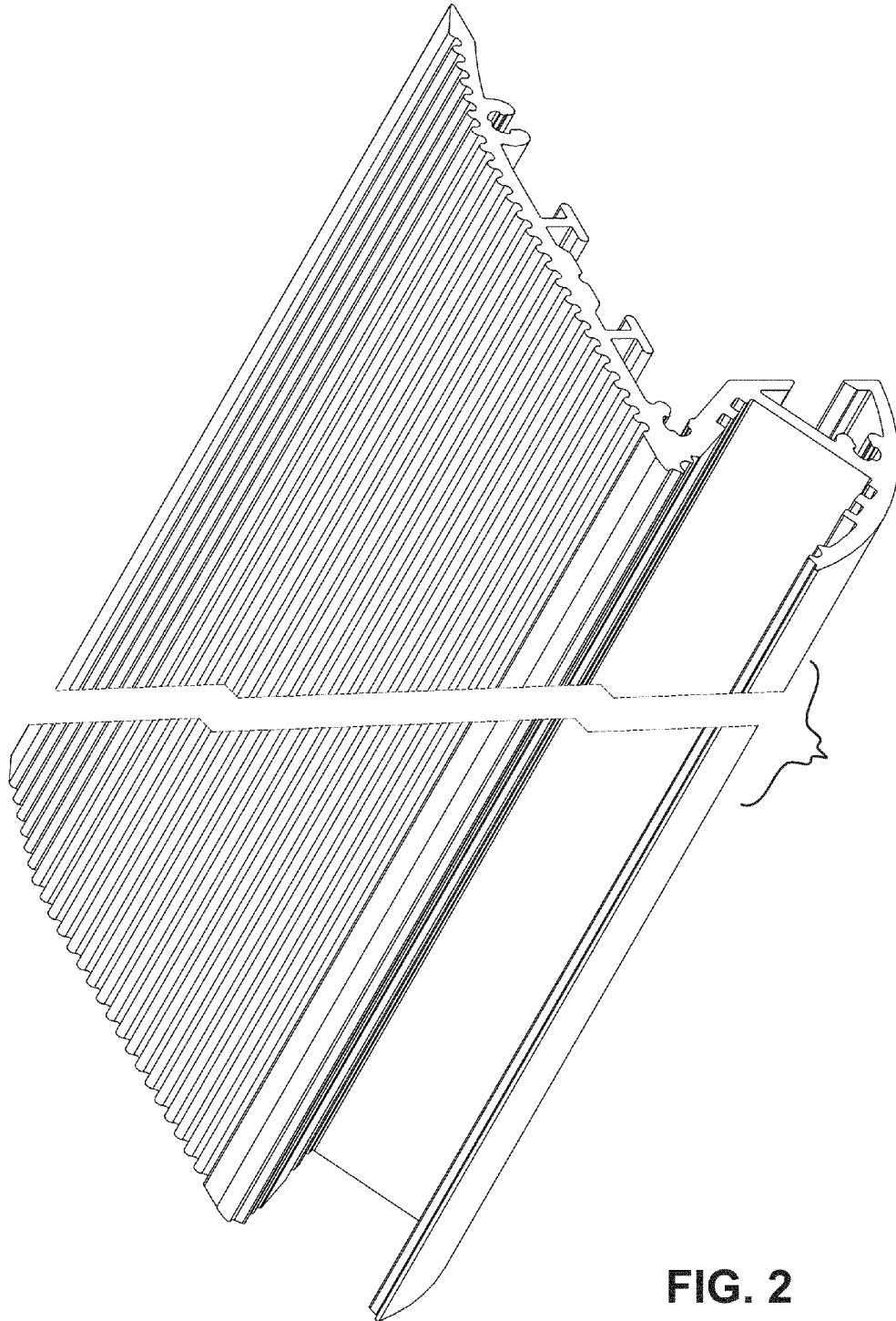


FIG. 2



US00D651739S

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

(10) **Patent No.:** **US D651,739 S**

(45) **Date of Patent:** **** Jan. 3, 2012**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) **Inventor:** **Slawomir Trzesniowski, Cremorne (PL)**

(73) **Assignee:** **LEDs ON, Warsaw (PL)**

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

(21) **Appl. No.:** **29/394,618**

(22) **Filed:** **Jun. 19, 2011**

(30) **Foreign Application Priority Data**

Jan. 4, 2011 (EM) 001800889-008

(51) **LOC (9) CL** **26-99**

(52) **U.S. CL** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S *	8/1915	Heulings, Jr.	D25/119
D110,622 S *	7/1938	Lowry	D25/119
D141,049 S *	5/1945	Ketchum, Jr.	D25/119
D185,549 S *	6/1959	Hallock	D25/119
D191,162 S *	8/1961	Miller	D25/119
D191,906 S *	12/1961	Jaffa	D25/125

D199,024 S *	9/1964	Huret	D25/123
D201,986 S *	8/1965	Wince	D26/122
3,605,137 A *	9/1971	Stollenwerk	5/625
D228,453 S *	9/1973	Greer	D25/119
D231,326 S *	4/1974	Miki	D8/377
D232,910 S *	9/1974	Duperrex	D8/377
D238,510 S *	1/1976	Tabler	D34/29
D243,675 S *	3/1977	Dallaire	D25/124
D243,685 S *	3/1977	Dallaire	D25/124
D245,756 S *	9/1977	McKee	D8/376
D249,366 S *	9/1978	Jury	D25/124
D251,444 S *	3/1979	Bancroft et al.	D25/125
D251,445 S *	3/1979	Bancroft et al.	D25/119
D251,446 S *	3/1979	Bancroft et al.	D25/125
D251,451 S *	3/1979	Toder	D25/121
D252,471 S *	7/1979	Broadbent	D25/119
4,166,195 A *	8/1979	Schwab	174/95
D258,538 S *	3/1981	Cribben et al.	D25/125
D258,619 S *	3/1981	Dallaire	D25/119
D265,035 S *	6/1982	Fether et al.	D8/403
D269,910 S *	7/1983	Johansson	D25/124
D283,446 S *	4/1986	Burkinshaw	D25/125

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

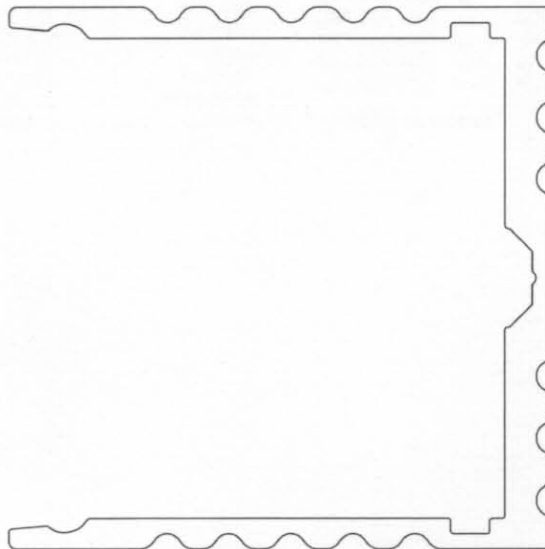
The ornamental design for an extrusion for led-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for led-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



U.S. PATENT DOCUMENTS

D286,194 S *	10/1986	Bancroft	D25/125	D489,463 S *	5/2004	Barnett	D25/119
D290,404 S *	6/1987	Stoler	D25/119	D489,830 S *	5/2004	Barnett	D25/119
D291,009 S *	7/1987	Weilow	D25/120	D497,758 S *	11/2004	Goldberg	D6/580
D294,867 S *	3/1988	Meshulam	D25/119	D503,485 S *	3/2005	Willman et al.	D25/124
D299,273 S *	1/1989	Pittman, Jr.	D25/119	D509,594 S *	9/2005	Curtas et al.	D25/38
D301,304 S *	5/1989	Will	D8/373	7,034,227 B2 *	4/2006	Fox	174/95
D310,775 S *	9/1990	Ruonala	D8/377	D522,297 S *	6/2006	Miller et al.	D6/580
D317,513 S *	6/1991	Miller et al.	D26/140	D534,790 S *	1/2007	Garda	D8/377
5,040,347 A *	8/1991	Valvis	52/204,591	D546,104 S *	7/2007	Miller et al.	D6/580
D320,902 S *	10/1991	Leist	D6/491	D551,774 S *	9/2007	McGinness	D25/38
D325,095 S *	3/1992	Dallaire et al.	D25/124	D552,259 S *	10/2007	Allsopp	D25/119
D326,140 S *	5/1992	Dekel	D23/267	D554,422 S *	11/2007	Lin	D6/580
D326,724 S *	6/1992	Boer	D25/119	D557,429 S *	12/2007	Bullock, Jr.	D25/119
D328,139 S *	7/1992	Boer	D25/119	D557,825 S *	12/2007	Willman	D25/124
D329,707 S *	9/1992	Embree et al.	D25/119	7,303,310 B2 *	12/2007	You et al.	362/240
D335,353 S *	5/1993	Baker	D25/38	D560,822 S *	1/2008	Flechsigs	D25/121
D337,257 S *	7/1993	Danieli	D8/376	7,331,689 B2 *	2/2008	Chen	362/240
D342,579 S *	12/1993	Mason	D25/119	7,347,606 B1 *	3/2008	Patten	362/565
D344,595 S *	2/1994	Ehmke et al.	D25/119	D574,509 S *	8/2008	Koch	D25/38
D345,268 S *	3/1994	Pate	D6/511	D577,857 S *	9/2008	Tress et al.	D26/141
D348,940 S *	7/1994	Clark et al.	D25/124	D578,248 S *	10/2008	Lee et al.	D26/138
D353,467 S *	12/1994	Raynes	D25/38	D578,705 S *	10/2008	Aberg et al.	D26/138
D356,645 S *	3/1995	Boer	D25/119	D582,602 S *	12/2008	Maxik et al.	D26/118
5,430,627 A *	7/1995	Nagano	362/146	D587,731 S *	3/2009	Niedermeyer	D15/136
5,499,170 A *	3/1996	Gagne	362/84	D595,078 S *	6/2009	Kollman et al.	D6/580
D373,963 S *	9/1996	Nagai et al.	D10/94	D595,984 S *	7/2009	Kollman et al.	D6/580
D375,324 S *	11/1996	Grass	D20/11	D598,574 S *	8/2009	Bergmann	D25/122
D378,432 S *	3/1997	Raynes	D25/164	D599,387 S *	9/2009	Chuo et al.	D15/143
D379,237 S *	5/1997	Leonelli	D25/119	D600,401 S *	9/2009	Varrin	D26/138
D379,524 S *	5/1997	Leonelli	D25/119	D600,484 S *	9/2009	Anderson et al.	D6/580
D379,535 S *	5/1997	Dallaire et al.	D25/125	D602,346 S *	10/2009	Allsopp	D8/369
D381,088 S *	7/1997	DiGiorgio	D25/124	D606,793 S *	12/2009	Allsopp	D6/580
D384,471 S *	9/1997	Kubsik et al.	D34/29	7,654,703 B2 *	2/2010	Kan et al.	362/362
D389,460 S *	1/1998	Wei-Hong	D13/155	D611,169 S *	3/2010	Harder	D25/122
D393,083 S *	3/1998	Caltrider	D25/199	D616,035 S *	5/2010	Kosir et al.	D20/44
5,724,909 A *	3/1998	Pitman et al.	116/202	D616,946 S *	6/2010	Garfinkle et al.	D20/43
D397,231 S *	8/1998	Saxer	D25/119	D621,090 S *	8/2010	Klu	D26/138
D417,607 S *	12/1999	Vining	D8/373	D621,961 S *	8/2010	Gardner	D25/119
6,074,074 A *	6/2000	Marcus	362/240	7,766,505 B2 *	8/2010	Tseng et al.	362/217.17
6,107,576 A *	8/2000	Morton et al.	174/101	D623,342 S *	9/2010	Klu	D26/138
D432,672 S *	10/2000	Grosfillex	D25/124	D623,343 S *	9/2010	Klu	D26/138
D437,944 S *	2/2001	Neuhofer, Jr.	D25/199	D625,463 S *	10/2010	Klu	D26/138
D441,879 S *	5/2001	Habeck et al.	D25/124	D625,588 S *	10/2010	Norris et al.	D8/382
D443,198 S *	6/2001	Snyder	D8/354	D626,839 S *	11/2010	Gross et al.	D9/456
D445,211 S *	7/2001	Baker	D26/76	7,857,482 B2 *	12/2010	Reo et al.	362/225
6,276,634 B1 *	8/2001	Bodle	244/118.5	D631,171 S *	1/2011	Konrad	D25/49
6,302,560 B1 *	10/2001	Lai	362/235	D634,063 S *	3/2011	Peifer	D26/138
D450,234 S *	11/2001	Bosgoed	D8/377	D634,876 S *	3/2011	McGrath et al.	D26/79
D453,971 S *	2/2002	Baker	D25/124	D639,098 S *	6/2011	Bosgoed	D6/580
6,361,186 B1 *	3/2002	Slayden	362/241	D639,144 S *	6/2011	Schaefer et al.	D8/354
D455,634 S *	4/2002	Hummel et al.	D8/314	D641,101 S *	7/2011	Radchenko et al.	D26/138
6,385,047 B1 *	5/2002	McCullough et al.	361/704	D641,923 S *	7/2011	Radchenko et al.	D26/138
D471,994 S *	3/2003	Chaney et al.	D25/124	2003/0163967 A1 *	9/2003	Sims	52/586.2
6,554,446 B1 *	4/2003	Walsh et al.	362/146	2004/0076004 A1 *	4/2004	Smith, Jr.	362/237
D482,405 S *	11/2003	McIlvaine	D20/43	2006/0191101 A1 *	8/2006	Elmer	16/91
D483,443 S *	12/2003	Forsberg	D23/267	2008/0030981 A1 *	2/2008	Mrakovich et al.	362/219
6,659,623 B2 *	12/2003	Friend	362/249.06	2009/0207602 A1 *	8/2009	Reed et al.	362/225
D486,340 S *	2/2004	Sudano	D6/577	2009/0219713 A1 *	9/2009	Siemiet et al.	362/218

* cited by examiner

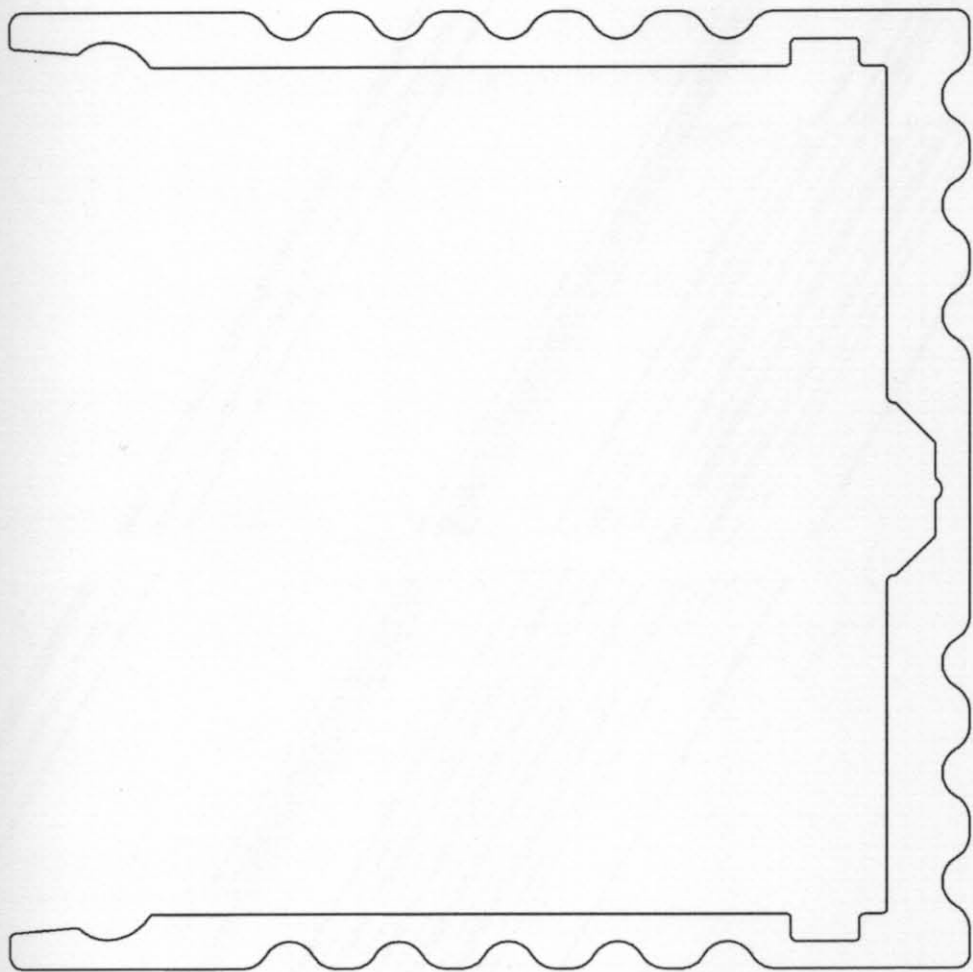


FIG. 1

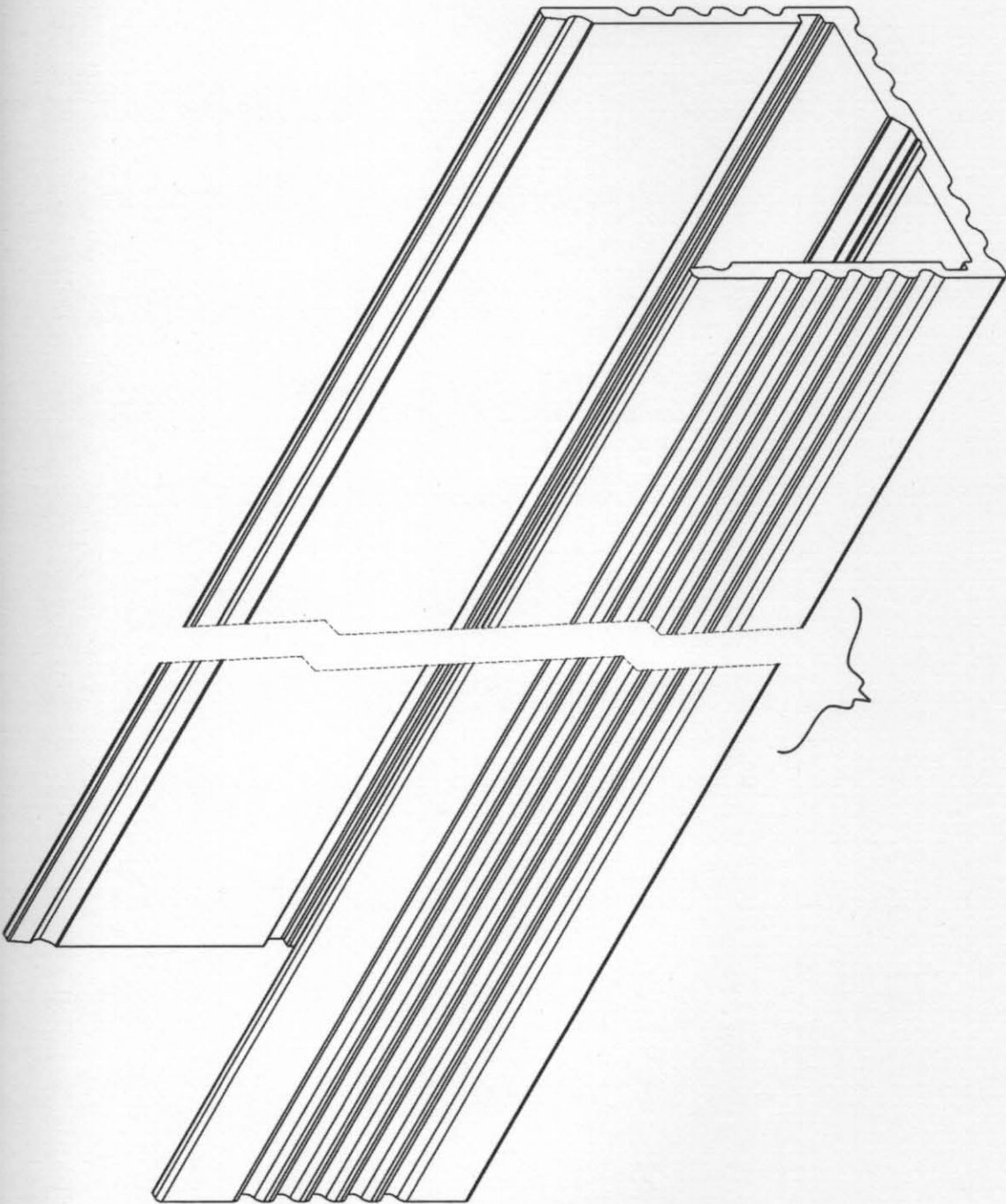


FIG. 2



US00D652569S

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

(10) **Patent No.:** **US D652,569 S**
(45) **Date of Patent:** **** Jan. 17, 2012**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski, Cremorne (PL)**

(73) Assignee: **LEDs ON, Warsaw (PL)**

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

(21) Appl. No.: **29/394,629**

(22) Filed: **Jun. 20, 2011**

(30) **Foreign Application Priority Data**

Feb. 15, 2011 (EM) 001821752-0001

(51) **LOC (9) CL.** **26-99**

(52) **U.S. CL.** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119

D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm — Zane Coleman*

(57)

CLAIM

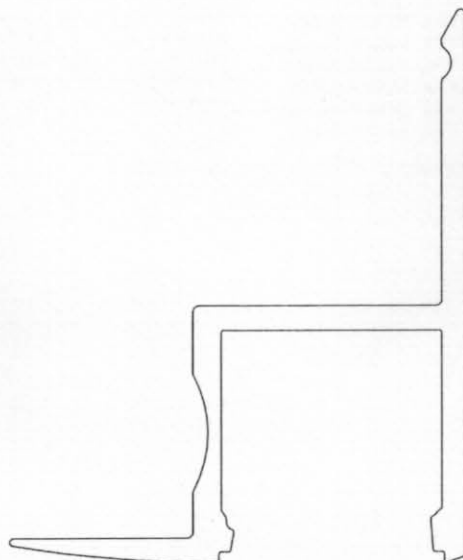
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D652,569 S

Page 2

U.S. PATENT DOCUMENTS

D269,910	S	*	7/1983	Johansson	D25/124
D283,446	S	*	4/1986	Burkinshaw	D25/125
D286,194	S	*	10/1986	Bancroft	D25/125
D290,404	S	*	6/1987	Stoler	D25/119
D291,009	S	*	7/1987	Weilow	D25/120
D294,867	S	*	3/1988	Meshulam	D25/119
D299,273	S	*	1/1989	Pittman, Jr.	D25/119
D301,304	S	*	5/1989	Will	D8/373
D310,775	S	*	9/1990	Ruonala	D8/377
D317,513	S	*	6/1991	Miller et al.	D26/140
5,040,347	A	*	8/1991	Valvis	52/204.591
D320,902	S	*	10/1991	Leist	D6/491
D325,095	S	*	3/1992	Dallaire et al.	D25/124
D326,140	S	*	5/1992	Dekel	D23/267
D326,724	S	*	6/1992	Boer	D25/119
D328,139	S	*	7/1992	Boer	D25/119
D329,707	S	*	9/1992	Embree et al.	D25/119
D335,353	S	*	5/1993	Baker	D25/38
D337,257	S	*	7/1993	Danieli	D8/376
D342,579	S	*	12/1993	Mason	D25/119
D344,595	S	*	2/1994	Ehmke et al.	D25/119
D345,268	S	*	3/1994	Pate	D6/511
D348,940	S	*	7/1994	Clark et al.	D25/124
D353,467	S	*	12/1994	Raynes	D25/38
D356,645	S	*	3/1995	Boer	D25/119
5,430,627	A	*	7/1995	Nagano	362/146
5,499,170	A	*	3/1996	Gagne	362/84
D373,963	S	*	9/1996	Nagai et al.	D10/94
D375,324	S	*	11/1996	Grass	D20/11
D378,432	S	*	3/1997	Raynes	D25/164
D379,237	S	*	5/1997	Leonelli	D25/119
D379,524	S	*	5/1997	Leonelli	D25/119
D379,535	S	*	5/1997	Dallaire et al.	D25/125
D381,088	S	*	7/1997	DiGiorgio	D25/124
D384,471	S	*	9/1997	Kubsik et al.	D34/29
D389,460	S	*	1/1998	Wei-Hong	D13/155
D393,083	S	*	3/1998	Caltrider	D25/199
5,724,909	A	*	3/1998	Pitman et al.	116/202
D397,231	S	*	8/1998	Saxer	D25/119
D417,607	S	*	12/1999	Vining	D8/373
6,074,074	A	*	6/2000	Marcus	362/240
6,107,576	A	*	8/2000	Morton et al.	174/101
D432,672	S	*	10/2000	Grosfillex	D25/124
D437,944	S	*	2/2001	Neuhofer, Jr.	D25/199
D441,879	S	*	5/2001	Habeck et al.	D25/124
D443,198	S	*	6/2001	Snyder	D8/354
D445,211	S	*	7/2001	Baker	D26/76
6,276,634	B1	*	8/2001	Bodle	244/118.5
6,302,560	B1	*	10/2001	Lai	362/235
D450,234	S	*	11/2001	Bosgoed	D8/377
D453,971	S	*	2/2002	Baker	D25/124
6,361,186	B1	*	3/2002	Slayden	362/241
D455,634	S	*	4/2002	Hummel et al.	D8/314
6,385,047	B1	*	5/2002	McCullough et al.	361/704
D471,994	S	*	3/2003	Chaney et al.	D25/124
6,554,446	B1	*	4/2003	Walsh et al.	362/146
D482,405	S	*	11/2003	McIlvaine	D20/43
D483,443	S	*	12/2003	Forsberg	D23/267
6,659,623	B2	*	12/2003	Friend	362/249.06
D486,340	S	*	2/2004	Sudano	D6/577
D489,463	S	*	5/2004	Barnett	D25/119
D489,830	S	*	5/2004	Barnett	D25/119
D497,758	S	*	11/2004	Goldberg	D6/580
D503,485	S	*	3/2005	Willman et al.	D25/124
D509,594	S	*	9/2005	Curtas et al.	D25/38
7,034,227	B2	*	4/2006	Fox	174/95
D522,297	S	*	6/2006	Miller et al.	D6/580
D534,790	S	*	1/2007	Garda	D8/377
D546,104	S	*	7/2007	Miller et al.	D6/580
D551,774	S	*	9/2007	McGinness	D25/38
D552,259	S	*	10/2007	Allsopp	D25/119
D554,422	S	*	11/2007	Lin	D6/580
D557,429	S	*	12/2007	Bullock, Jr.	D25/119
D557,825	S	*	12/2007	Willman	D25/124
7,303,310	B2	*	12/2007	You et al.	362/240
D560,822	S	*	1/2008	Flechsigs	D25/121
7,331,689	B2	*	2/2008	Chen	362/240
7,347,606	B1	*	3/2008	Patten	362/565
D574,509	S	*	8/2008	Koch	D25/38
D577,857	S	*	9/2008	Tress et al.	D26/141
D578,248	S	*	10/2008	Lee et al.	D26/138
D578,705	S	*	10/2008	Aberg et al.	D26/138
D582,602	S	*	12/2008	Maxik et al.	D26/118
D587,731	S	*	3/2009	Niedermeyer	D15/136
D595,078	S	*	6/2009	Kollman et al.	D6/580
D595,984	S	*	7/2009	Kollman et al.	D6/580
D598,574	S	*	8/2009	Bergmann	D25/122
D599,387	S	*	9/2009	Chuo et al.	D15/143
D600,401	S	*	9/2009	Varrin	D26/138
D600,484	S	*	9/2009	Anderson et al.	D6/580
D602,346	S	*	10/2009	Allsopp	D8/369
D606,793	S	*	12/2009	Allsopp	D6/580
7,654,703	B2	*	2/2010	Kan et al.	362/362
D611,169	S	*	3/2010	Harder	D25/122
D616,035	S	*	5/2010	Kosir et al.	D20/44
D616,946	S	*	6/2010	Garfinkle et al.	D20/43
D621,090	S	*	8/2010	Klu	D26/138
D621,961	S	*	8/2010	Gardner	D25/119
7,766,505	B2	*	8/2010	Tseng et al.	362/217.17
D623,342	S	*	9/2010	Klu	D26/138
D623,343	S	*	9/2010	Klu	D26/138
D625,463	S	*	10/2010	Klu	D26/138
D625,588	S	*	10/2010	Norris et al.	D8/382
D626,839	S	*	11/2010	Gross et al.	D9/456
7,857,482	B2	*	12/2010	Reo et al.	362/225
D631,171	S	*	1/2011	Konrad	D25/49
D634,063	S	*	3/2011	Peifer	D26/138
D634,876	S	*	3/2011	McGrath et al.	D26/79
D639,098	S	*	6/2011	Bosgoed	D6/580
D639,144	S	*	6/2011	Schaefer et al.	D8/354
D641,101	S	*	7/2011	Radchenko et al.	D26/138
D641,923	S	*	7/2011	Radchenko et al.	D26/138
2003/0163967	A1	*	9/2003	Sims	52/586.2
2004/0076004	A1	*	4/2004	Smith, Jr.	362/237
2006/0191101	A1	*	8/2006	Elmer	16/91
2008/0030981	A1	*	2/2008	Mrakovich et al.	362/219
2009/0207602	A1	*	8/2009	Reed et al.	362/225
2009/0219713	A1	*	9/2009	Siemiet et al.	362/218

* cited by examiner

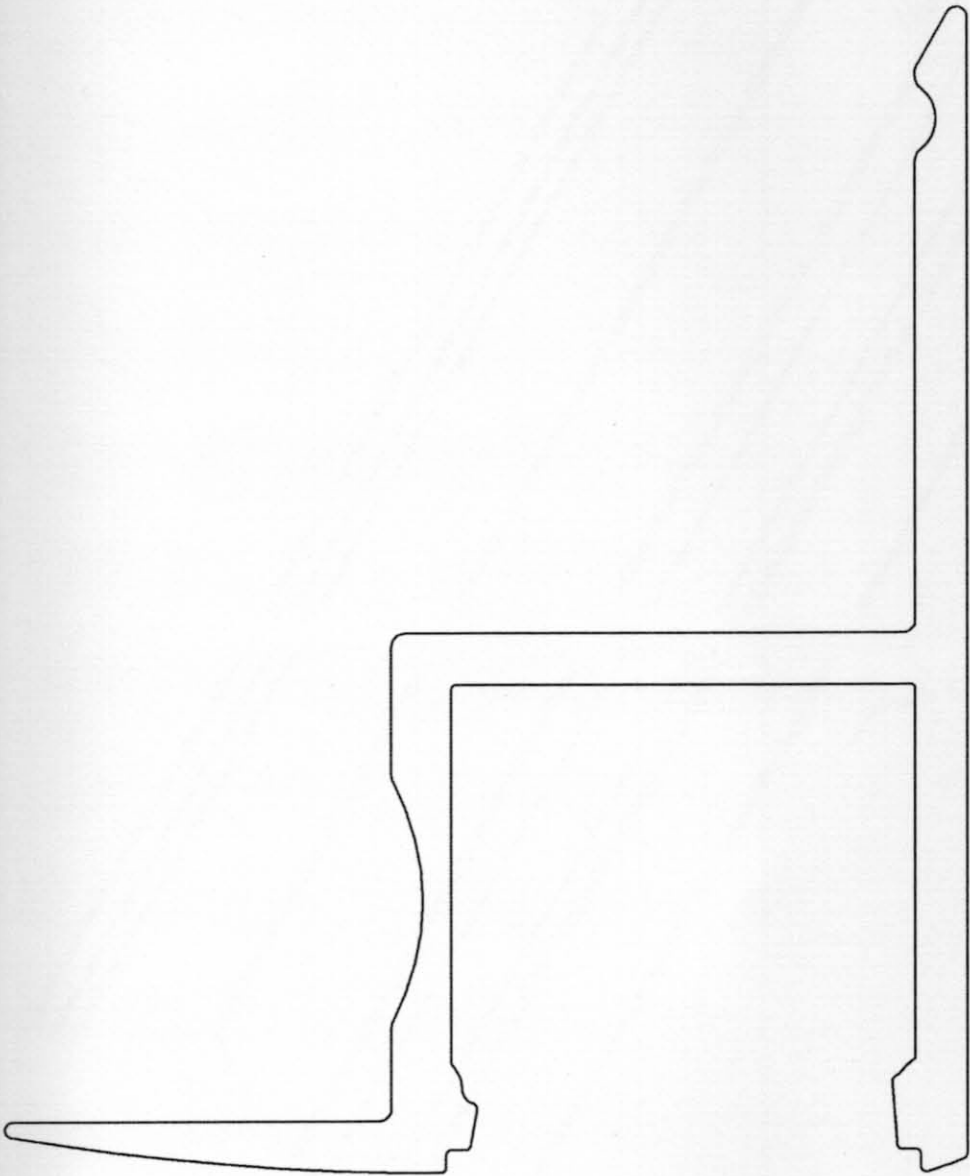


FIG. 1

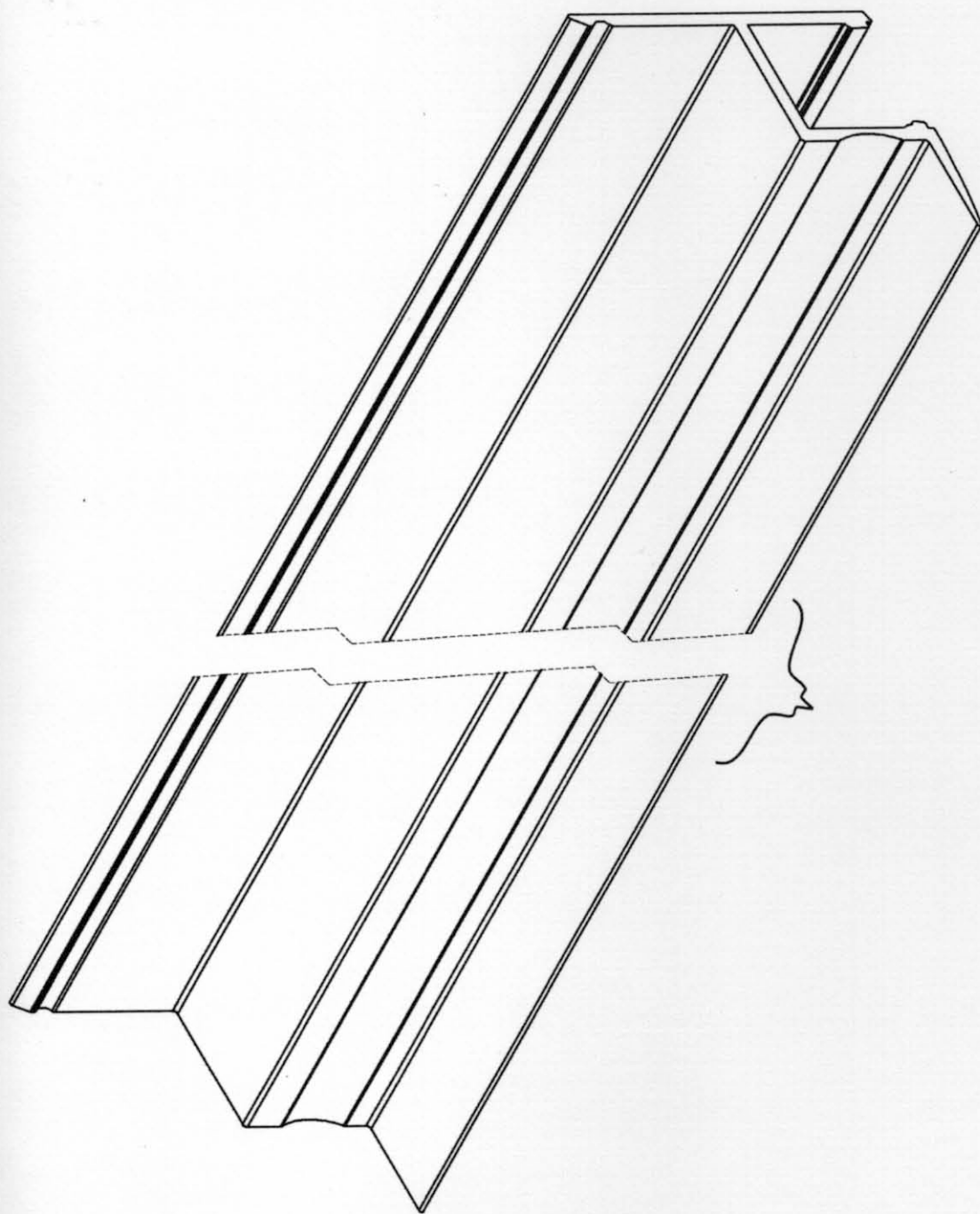


FIG. 2



US00D652986S

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

(10) **Patent No.:** **US D652,986 S**

(45) **Date of Patent:** **** Jan. 24, 2012**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski, Cremorne (PL)**

(73) Assignee: **LEDs On, Warsaw (PL)**

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

(21) Appl. No.: **29/394,628**

(22) Filed: **Jun. 20, 2011**

(30) **Foreign Application Priority Data**

Mar. 25, 2011 (EM) 001841537-0002

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** **D26/46,**

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119

D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm — Zane Coleman*

(57)

CLAIM

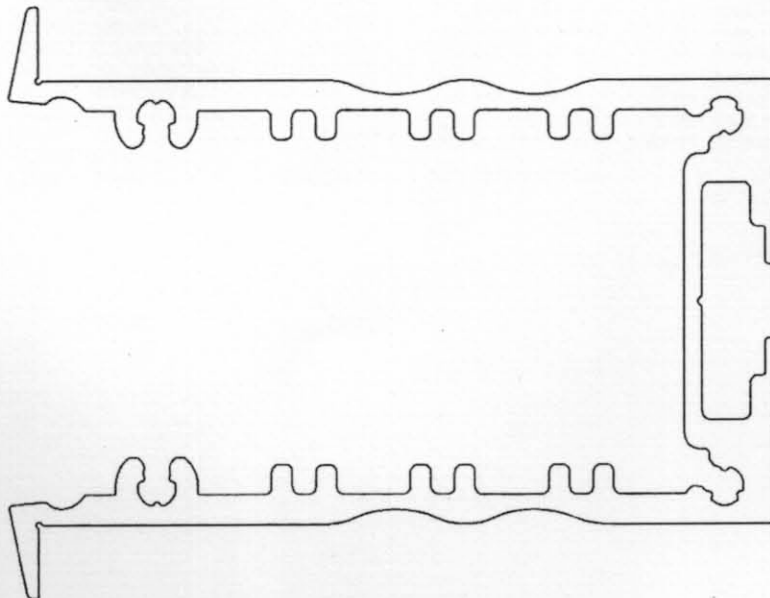
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



U.S. PATENT DOCUMENTS

D269,910 S *	7/1983	Johansson	D25/124	D486,340 S *	2/2004	Sudano	D6/577
D283,446 S *	4/1986	Burkinshaw	D25/125	D489,463 S *	5/2004	Barnett	D25/119
D286,194 S *	10/1986	Bancroft	D25/125	D489,830 S *	5/2004	Barnett	D25/119
D290,404 S *	6/1987	Stoler	D25/119	D497,758 S *	11/2004	Goldberg	D6/580
D291,009 S *	7/1987	Weilow	D25/120	D503,485 S *	3/2005	Willman et al.	D25/124
D294,867 S *	3/1988	Meshulam	D25/119	D509,594 S *	9/2005	Curtas et al.	D25/38
D299,273 S *	1/1989	Pittman, Jr.	D25/119	7,034,227 B2 *	4/2006	Fox	174/95
D301,304 S *	5/1989	Will	D8/373	D522,297 S *	6/2006	Miller et al.	D6/580
D310,775 S *	9/1990	Ruonala	D8/377	D534,790 S *	1/2007	Garda	D8/377
D317,513 S *	6/1991	Miller et al.	D26/140	D546,104 S *	7/2007	Miller et al.	D6/580
5,040,347 A *	8/1991	Valvis	52/204,591	D551,774 S *	9/2007	McGinness	D25/38
D320,902 S *	10/1991	Leist	D6/491	D552,259 S *	10/2007	Allsopp	D25/119
D325,095 S *	3/1992	Dallaire et al.	D25/124	D554,422 S *	11/2007	Lin	D6/580
D326,140 S *	5/1992	Dekel	D23/267	D557,429 S *	12/2007	Bullock, Jr.	D25/119
D326,724 S *	6/1992	Boer	D25/119	D557,825 S *	12/2007	Willman	D25/124
D328,139 S *	7/1992	Boer	D25/119	7,303,310 B2 *	12/2007	You et al.	362/240
D329,707 S *	9/1992	Embree et al.	D25/119	D560,822 S *	1/2008	Flechsigs	D25/121
D335,353 S *	5/1993	Baker	D25/38	7,331,689 B2 *	2/2008	Chen	362/240
D337,257 S *	7/1993	Danieli	D8/376	7,347,606 B1 *	3/2008	Patten	362/565
D342,579 S *	12/1993	Mason	D25/119	D574,509 S *	8/2008	Koch	D25/38
D344,595 S *	2/1994	Ehmke et al.	D25/119	D577,857 S *	9/2008	Tress et al.	D26/141
D345,268 S *	3/1994	Pate	D6/511	D578,248 S *	10/2008	Lee et al.	D26/138
D348,940 S *	7/1994	Clark et al.	D25/124	D578,705 S *	10/2008	Aberg et al.	D26/138
D353,467 S *	12/1994	Raynes	D25/38	D582,602 S *	12/2008	Maxik et al.	D26/118
D356,645 S *	3/1995	Boer	D25/119	D587,731 S *	3/2009	Niedermeyer	D15/136
5,430,627 A *	7/1995	Nagano	362/146	D595,078 S *	6/2009	Kollman et al.	D6/580
5,499,170 A *	3/1996	Gagne	362/84	D595,984 S *	7/2009	Kollman et al.	D6/580
D373,963 S *	9/1996	Nagai et al.	D10/94	D598,574 S *	8/2009	Bergmann	D25/122
D375,324 S *	11/1996	Grass	D20/11	D599,387 S *	9/2009	Chuo et al.	D15/143
D378,432 S *	3/1997	Raynes	D25/164	D600,401 S *	9/2009	Varrin	D26/138
D379,237 S *	5/1997	Leonelli	D25/119	D600,484 S *	9/2009	Anderson et al.	D6/580
D379,524 S *	5/1997	Leonelli	D25/119	D602,346 S *	10/2009	Allsopp	D8/369
D379,535 S *	5/1997	Dallaire et al.	D25/125	D606,793 S *	12/2009	Allsopp	D6/580
D381,088 S *	7/1997	DiGiorgio	D25/124	7,654,703 B2 *	2/2010	Kan et al.	362/362
D384,471 S *	9/1997	Kubsik et al.	D34/29	D611,169 S *	3/2010	Harder	D25/122
D389,460 S *	1/1998	Wei-Hong	D13/155	D616,035 S *	5/2010	Kosir et al.	D20/44
D393,083 S *	3/1998	Caltrider	D25/199	D616,946 S *	6/2010	Garfinkle et al.	D20/43
5,724,909 A *	3/1998	Pitman et al.	116/202	D621,090 S *	8/2010	Klu	D26/138
D397,231 S *	8/1998	Saxer	D25/119	D621,961 S *	8/2010	Gardner	D25/119
D417,607 S *	12/1999	Vining	D8/373	7,766,505 B2 *	8/2010	Tseng et al.	362/217.17
6,074,074 A *	6/2000	Marcus	362/240	D623,342 S *	9/2010	Klu	D26/138
6,107,576 A *	8/2000	Morton et al.	174/101	D623,343 S *	9/2010	Kluš	D26/138
D432,672 S *	10/2000	Grosfillex	D25/124	D625,463 S *	10/2010	Klus	D26/138
D437,944 S *	2/2001	Neuhofer, Jr.	D25/199	D625,588 S *	10/2010	Norris et al.	D8/382
D441,879 S *	5/2001	Habeck et al.	D25/124	D626,839 S *	11/2010	Gross et al.	D9/456
D443,198 S *	6/2001	Snyder	D8/354	7,857,482 B2 *	12/2010	Reo et al.	362/225
D445,211 S *	7/2001	Baker	D26/76	D631,171 S *	1/2011	Konrad	D25/49
6,276,634 B1 *	8/2001	Bodle	244/118.5	D634,063 S *	3/2011	Peifer	D26/138
6,302,560 B1 *	10/2001	Lai	362/235	D634,876 S *	3/2011	McGrath et al.	D26/79
D450,234 S *	11/2001	Bosgoed	D8/377	D639,098 S *	6/2011	Bosgoed	D6/580
D453,971 S *	2/2002	Baker	D25/124	D639,144 S *	6/2011	Schaefer et al.	D8/354
6,361,186 B1 *	3/2002	Slayden	362/241	D641,101 S *	7/2011	Radchenko et al.	D26/138
D455,634 S *	4/2002	Hummel et al.	D8/314	D641,923 S *	7/2011	Radchenko et al.	D26/138
6,385,047 B1 *	5/2002	McCullough et al.	361/704	2003/0163967 A1 *	9/2003	Sims	52/586.2
D471,994 S *	3/2003	Chaney et al.	D25/124	2004/0076004 A1 *	4/2004	Smith, Jr.	362/237
6,554,446 B1 *	4/2003	Walsh et al.	362/146	2006/0191101 A1 *	8/2006	Elmer	16/91
D482,405 S *	11/2003	McIlvaine	D20/43	2008/0030981 A1 *	2/2008	Mrakovich et al.	362/219
D483,443 S *	12/2003	Forsberg	D23/267	2009/0207602 A1 *	8/2009	Reed et al.	362/225
6,659,623 B2 *	12/2003	Friend	362/249.06	2009/0219713 A1 *	9/2009	Siemiet et al.	362/218

* cited by examiner



US00D652568S

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

(10) **Patent No.:** **US D652,568 S**
(45) **Date of Patent:** **** Jan. 17, 2012**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski, Cremorne (PL)**

(73) Assignee: **LEDs ON, Warsaw (PL)**

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

(21) Appl. No.: **29/394,627**

(22) Filed: **Jun. 20, 2011**

(30) **Foreign Application Priority Data**

Mar. 25, 2011 (EM) 001841537-001

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** D26/46,
D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119

D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57)

CLAIM

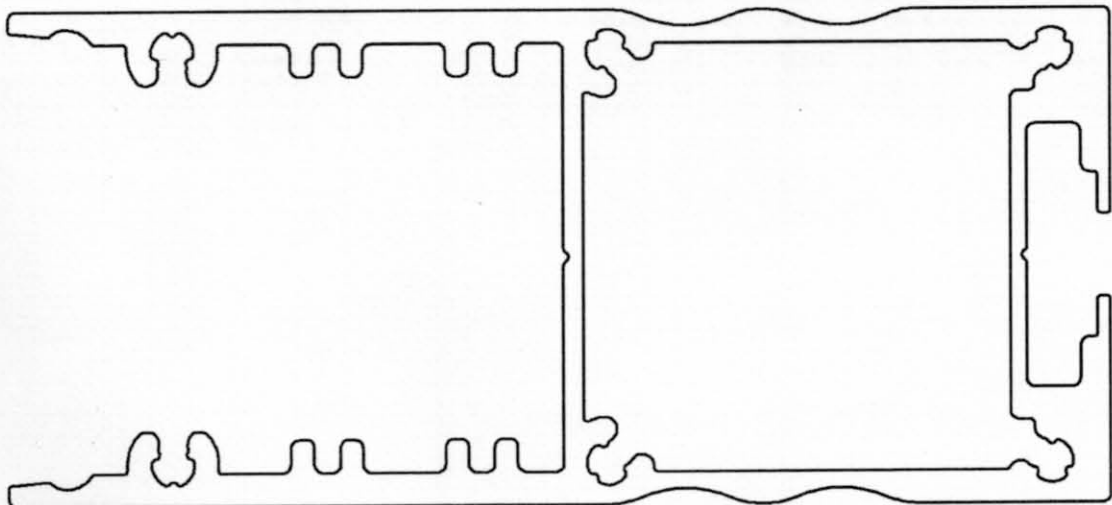
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for LED-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



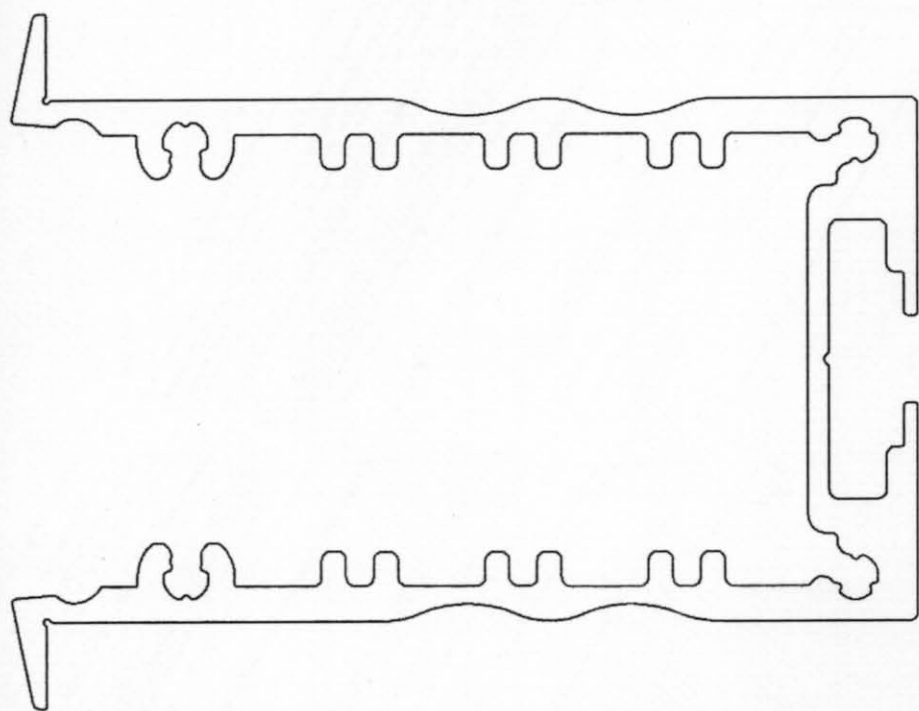


FIG. 1

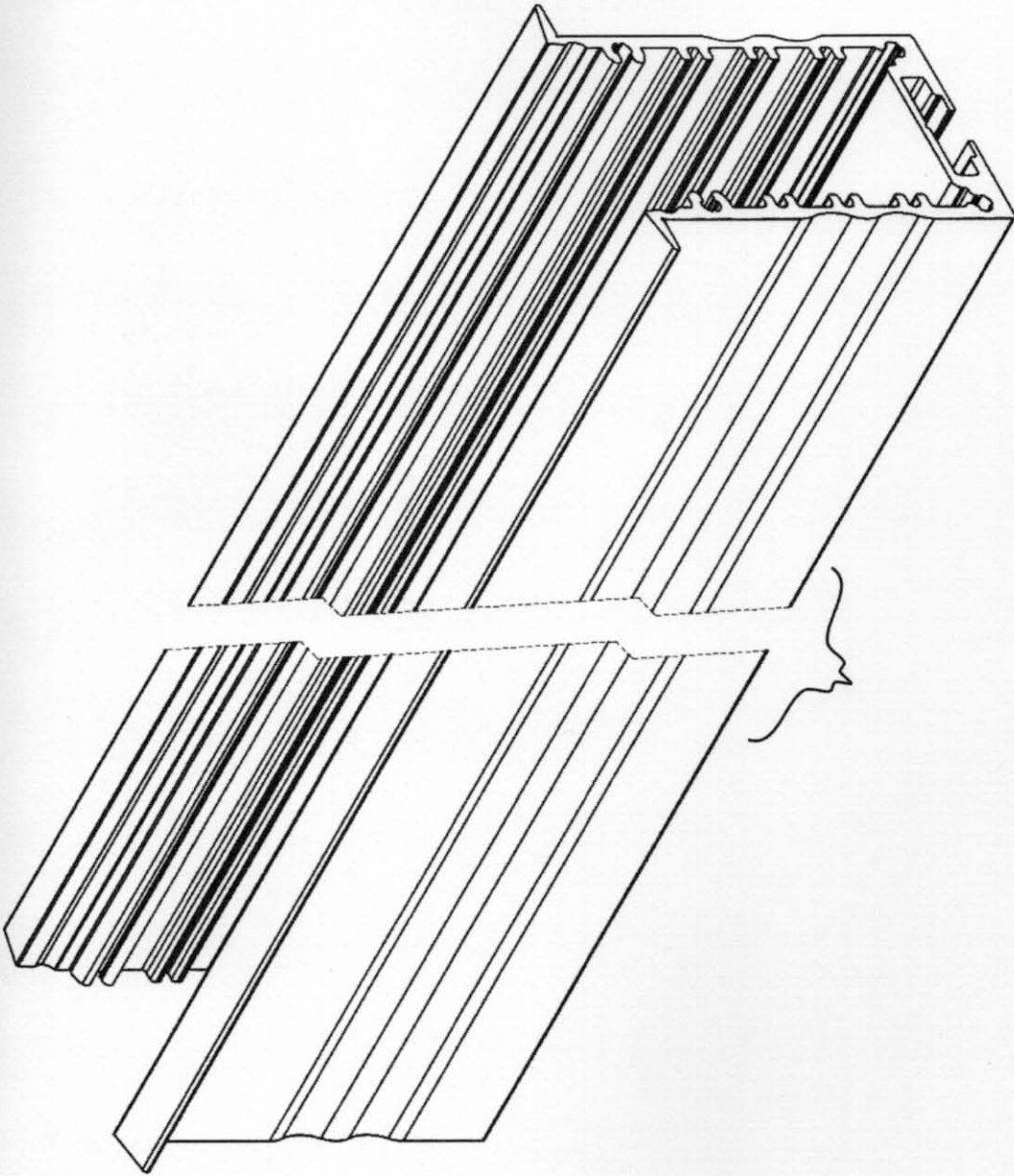


FIG. 2

US D652,568 S

Page 2

U.S. PATENT DOCUMENTS

D269,910 S *	7/1983	Johansson	D25/124	D486,340 S *	2/2004	Sudano	D6/577
D283,446 S *	4/1986	Burkinshaw	D25/125	D489,463 S *	5/2004	Barnett	D25/119
D286,194 S *	10/1986	Bancroft	D25/125	D489,830 S *	5/2004	Barnett	D25/119
D290,404 S *	6/1987	Stoler	D25/119	D497,758 S *	11/2004	Goldberg	D6/580
D291,009 S *	7/1987	Weilow	D25/120	D503,485 S *	3/2005	Willman et al.	D25/124
D294,867 S *	3/1988	Meshulam	D25/119	D509,594 S *	9/2005	Curtas et al.	D25/38
D299,273 S *	1/1989	Pittman, Jr.	D25/119	7,034,227 B2 *	4/2006	Fox	174/95
D301,304 S *	5/1989	Will	D8/373	D522,297 S *	6/2006	Miller et al.	D6/580
D310,775 S *	9/1990	Ruonala	D8/377	D534,790 S *	1/2007	Garda	D8/377
D317,513 S *	6/1991	Miller et al.	D26/140	D546,104 S *	7/2007	Miller et al.	D6/580
5,040,347 A *	8/1991	Valvis	52/204.591	D551,774 S *	9/2007	McGinness	D25/38
D320,902 S *	10/1991	Leist	D6/491	D552,259 S *	10/2007	Allsopp	D25/119
D325,095 S *	3/1992	Dallaire et al.	D25/124	D554,422 S *	11/2007	Lin	D6/580
D326,140 S *	5/1992	Dekel	D23/267	D557,429 S *	12/2007	Bullock, Jr.	D25/119
D326,724 S *	6/1992	Boer	D25/119	D557,825 S *	12/2007	Willman	D25/124
D328,139 S *	7/1992	Boer	D25/119	7,303,310 B2 *	12/2007	You et al.	362/240
D329,707 S *	9/1992	Embree et al.	D25/119	D560,822 S *	1/2008	Flechsigg	D25/121
D335,353 S *	5/1993	Baker	D25/38	7,331,689 B2 *	2/2008	Chen	362/240
D337,257 S *	7/1993	Danieli	D8/376	7,347,606 B1 *	3/2008	Patten	362/565
D342,579 S *	12/1993	Mason	D25/119	D574,509 S *	8/2008	Koch	D25/38
D344,595 S *	2/1994	Ehnike et al.	D25/119	D577,857 S *	9/2008	Tress et al.	D26/141
D345,268 S *	3/1994	Pate	D6/511	D578,248 S *	10/2008	Lee et al.	D26/138
D348,940 S *	7/1994	Clark et al.	D25/124	D578,705 S *	10/2008	Aberg et al.	D26/138
D353,467 S *	12/1994	Raynes	D25/38	D582,602 S *	12/2008	Maxik et al.	D26/118
D356,645 S *	3/1995	Boer	D25/119	D587,731 S *	3/2009	Niedermeyer	D15/136
5,430,627 A *	7/1995	Nagano	362/146	D595,078 S *	6/2009	Kollman et al.	D6/580
5,499,170 A *	3/1996	Gagne	362/84	D595,984 S *	7/2009	Kollman et al.	D6/580
D373,963 S *	9/1996	Nagai et al.	D10/94	D598,574 S *	8/2009	Bergmann	D25/122
D375,324 S *	11/1996	Grass	D20/11	D599,387 S *	9/2009	Chuo et al.	D15/143
D378,432 S *	3/1997	Raynes	D25/164	D600,401 S *	9/2009	Varrin	D26/138
D379,237 S *	5/1997	Leonelli	D25/119	D600,484 S *	9/2009	Anderson et al.	D6/580
D379,524 S *	5/1997	Leonelli	D25/119	D602,346 S *	10/2009	Allsopp	D8/369
D379,535 S *	5/1997	Dallaire et al.	D25/125	D606,793 S *	12/2009	Allsopp	D6/580
D381,088 S *	7/1997	DiGiorgio	D25/124	7,654,703 B2 *	2/2010	Kan et al.	362/362
D384,471 S *	9/1997	Kubsik et al.	D34/29	D611,169 S *	3/2010	Harder	D25/122
D389,460 S *	1/1998	Wei-Hong	D13/155	D616,035 S *	5/2010	Kosir et al.	D20/44
D393,083 S *	3/1998	Caltrider	D25/199	D616,946 S *	6/2010	Garfinkle et al.	D20/43
5,724,909 A *	3/1998	Pitman et al.	116/202	D621,090 S *	8/2010	Klu	D26/138
D397,231 S *	8/1998	Saxer	D25/119	D621,961 S *	8/2010	Gardner	D25/119
D417,607 S *	12/1999	Vining	D8/373	7,766,505 B2 *	8/2010	Tseng et al.	362/217.17
6,074,074 A *	6/2000	Marcus	362/240	D623,342 S *	9/2010	Klu	D26/138
6,107,576 A *	8/2000	Morton et al.	174/101	D623,343 S *	9/2010	Klu	D26/138
D432,672 S *	10/2000	Grosfillex	D25/124	D625,463 S *	10/2010	Klu	D26/138
D437,944 S *	2/2001	Neuhofe, Jr.	D25/199	D625,588 S *	10/2010	Norris et al.	D8/382
D441,879 S *	5/2001	Habeck et al.	D25/124	D626,839 S *	11/2010	Gross et al.	D9/456
D443,198 S *	6/2001	Snyder	D8/354	7,857,482 B2 *	12/2010	Reo et al.	362/225
D445,211 S *	7/2001	Baker	D26/76	D631,171 S *	1/2011	Konrad	D25/49
6,276,634 B1 *	8/2001	Bodle	244/118.5	D634,063 S *	3/2011	Peifer	D26/138
6,302,560 B1 *	10/2001	Lai	362/235	D634,876 S *	3/2011	McGrath et al.	D26/79
D450,234 S *	11/2001	Bosgoed	D8/377	D639,098 S *	6/2011	Bosgoed	D6/580
D453,971 S *	2/2002	Baker	D25/124	D639,144 S *	6/2011	Schaefer et al.	D8/354
6,361,186 B1 *	3/2002	Slayden	362/241	D641,101 S *	7/2011	Radchenko et al.	D26/138
D455,634 S *	4/2002	Hummel et al.	D8/314	D641,923 S *	7/2011	Radchenko et al.	D26/138
6,385,047 B1 *	5/2002	McCullough et al.	361/704	2003/0163967 A1 *	9/2003	Sims	52/586.2
D471,994 S *	3/2003	Chaney et al.	D25/124	2004/0076004 A1 *	4/2004	Smith, Jr.	362/237
6,554,446 B1 *	4/2003	Walsh et al.	362/146	2006/0191101 A1 *	8/2006	Elmer	16/91
D482,405 S *	11/2003	McIlvaine	D20/43	2008/0030981 A1 *	2/2008	Mrakovich et al.	362/219
D483,443 S *	12/2003	Forsberg	D23/267	2009/0207602 A1 *	8/2009	Reed et al.	362/225
6,659,623 B2 *	12/2003	Friend	362/249.06	2009/0219713 A1 *	9/2009	Siemiet et al.	362/218

* cited by examiner

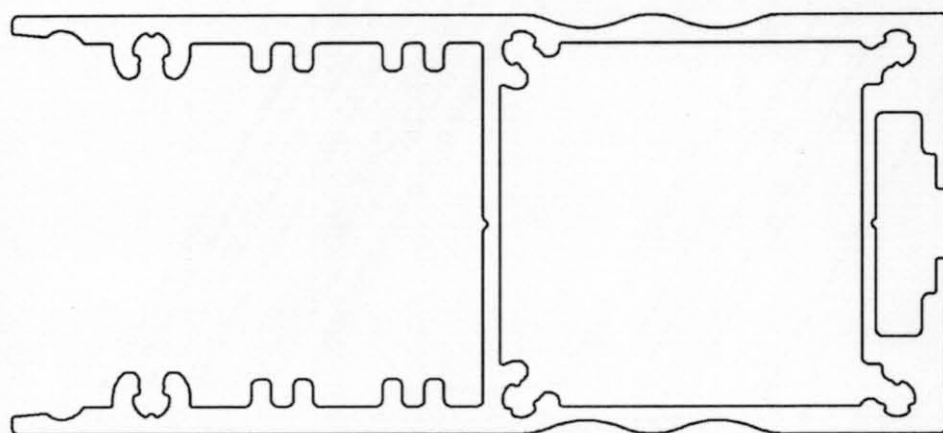


FIG. 1

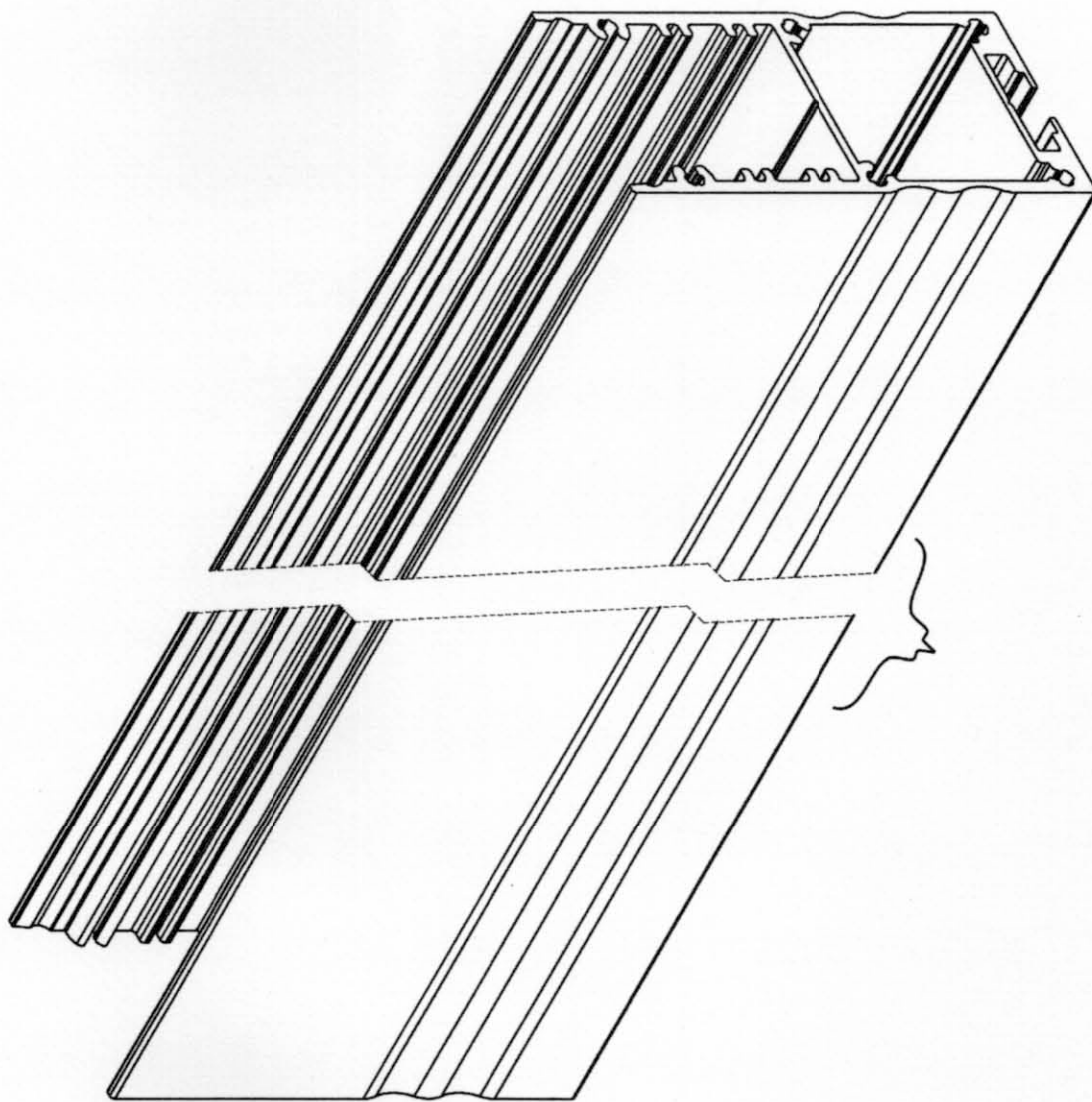


FIG. 2



US00D652985S

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

(10) **Patent No.:** **US D652,985 S**
(45) **Date of Patent:** **** Jan. 24, 2012**

(54) **EXTRUSION FOR LED-BASED LIGHTING APPARATUS**

(75) Inventor: **Slawomir Trzesniowski, Cremorne (PL)**

(73) Assignee: **LEDs ON, Warsaw (PL)**

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

(21) Appl. No.: **29/394,626**

(22) Filed: **Jun. 20, 2011**

(30) **Foreign Application Priority Data**

May 13, 2011 (EM) 001863150-0001

(51) **LOC (9) Cl.** **26-99**

(52) **U.S. Cl.** **D26/138**

(58) **Field of Classification Search** **D26/46,**

D26/72, 76, 79, 113, 118, 119, 120, 121,
D26/125, 128, 138, 140, 141, 142, 144, 145,
D26/152, 155; 362/218, 373, 225, 240, 241,
362/230, 146, 600, 606, 632, 151, 217, 219,
362/659, 258, 270, 279, 280, 292; D8/300,
D8/314, 323, 369, 376, 377, 394; D15/135,
D15/136, 144; D6/300, 491, 495, 500, 511,
D6/580; D13/110, 155, 179, 180; D34/29,
D34/35, 38; D25/38, 47, 60, 69, 113, 119,
D25/120, 121, 122, 123, 124, 125, 136, 138,
D25/164; 52/177, 235; 174/37, 95, 101

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,729 S * 8/1915 Heulings, Jr. D25/119
D110,622 S * 7/1938 Lowry D25/119
D141,049 S * 5/1945 Ketchum, Jr. D25/119
D185,549 S * 6/1959 Hallock D25/119
D191,162 S * 8/1961 Miller D25/119

D191,906 S * 12/1961 Jaffa D25/125
D199,024 S * 9/1964 Huret D25/123
D201,986 S * 8/1965 Wince D26/122
3,605,137 A * 9/1971 Stollenwerk 5/625
D228,453 S * 9/1973 Greer D25/119
D231,326 S * 4/1974 Miki D8/377
D232,910 S * 9/1974 Duperrex D8/377
D238,510 S * 1/1976 Tabler D34/29
D243,675 S * 3/1977 Dallaire D25/124
D243,685 S * 3/1977 Dallaire D25/124
D245,756 S * 9/1977 McKee D8/376
D249,366 S * 9/1978 Jury D25/124
D251,444 S * 3/1979 Bancroft et al. D25/125
D251,445 S * 3/1979 Bancroft et al. D25/119
D251,446 S * 3/1979 Bancroft et al. D25/125
D251,451 S * 3/1979 Toder D25/121
D252,471 S * 7/1979 Broadbent D25/119
4,166,195 A * 8/1979 Schwab 174/95
D258,538 S * 3/1981 Cribben et al. D25/125
D258,619 S * 3/1981 Dallaire D25/119
D265,035 S * 6/1982 Fether et al. D8/403

(Continued)

Primary Examiner — Kevin Rudzinski

(74) *Attorney, Agent, or Firm* — Zane Coleman

(57) **CLAIM**

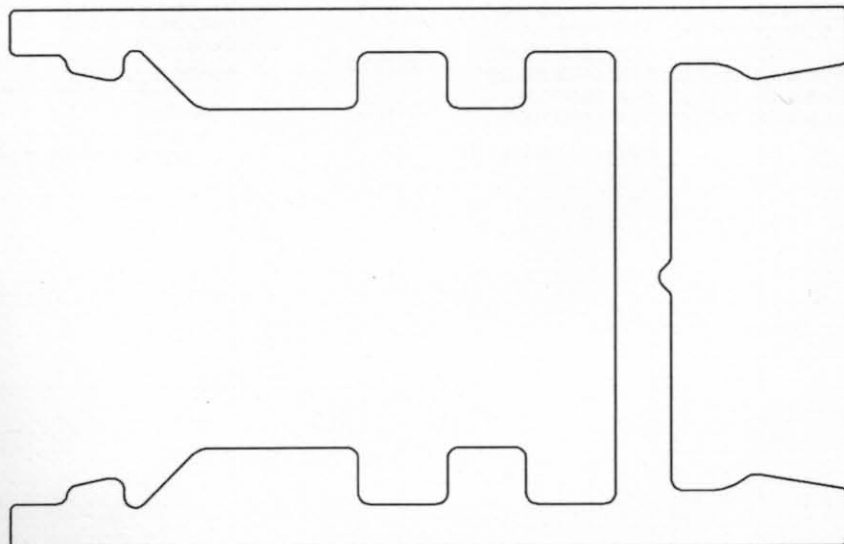
The ornamental design for an extrusion for led-based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of an extrusion for led-based lighting apparatus showing my new and original design; the left side elevation view being a mirror image thereof; and,

FIG. 2 is front right side perspective view of the extrusion of FIG. 1 shown broken away to indicate non-specified length. The broken lines and bracket shown in FIG. 2, used to indicate that the extrusion has a non-specified length, form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D652,985 S

Page 2

U.S. PATENT DOCUMENTS

D269,910 S *	7/1983	Johansson	D25/124	D486,340 S *	2/2004	Sudano	D6/577
D283,446 S *	4/1986	Burkinshaw	D25/125	D489,463 S *	5/2004	Barnett	D25/119
D286,194 S *	10/1986	Bancroft	D25/125	D489,830 S *	5/2004	Barnett	D25/119
D290,404 S *	6/1987	Stoler	D25/119	D497,758 S *	11/2004	Goldberg	D6/580
D291,009 S *	7/1987	Weilow	D25/120	D503,485 S *	3/2005	Willman et al.	D25/124
D294,867 S *	3/1988	Meshulam	D25/119	D509,594 S *	9/2005	Curtas et al.	D25/38
D299,273 S *	1/1989	Pittman, Jr.	D25/119	7,034,227 B2 *	4/2006	Fox	174/95
D301,304 S *	5/1989	Will	D8/373	D522,297 S *	6/2006	Miller et al.	D6/580
D310,775 S *	9/1990	Ruonala	D8/377	D534,790 S *	1/2007	Garda	D8/377
D317,513 S *	6/1991	Miller et al.	D26/140	D546,104 S *	7/2007	Miller et al.	D6/580
5,040,347 A *	8/1991	Valvis	52/204,591	D551,774 S *	9/2007	McGinness	D25/38
D320,902 S *	10/1991	Leist	D6/491	D552,259 S *	10/2007	Allsopp	D25/119
D325,095 S *	3/1992	Dallaire et al.	D25/124	D554,422 S *	11/2007	Lin	D6/580
D326,140 S *	5/1992	Dekel	D23/267	D557,429 S *	12/2007	Bullock, Jr.	D25/119
D326,724 S *	6/1992	Boer	D25/119	D557,825 S *	12/2007	Willman	D25/124
D328,139 S *	7/1992	Boer	D25/119	7,303,310 B2 *	12/2007	You et al.	362/240
D329,707 S *	9/1992	Embree et al.	D25/119	D560,822 S *	1/2008	Flechsigg	D25/121
D335,353 S *	5/1993	Baker	D25/38	7,331,689 B2 *	2/2008	Chen	362/240
D337,257 S *	7/1993	Danieli	D8/376	7,347,606 B1 *	3/2008	Patten	362/565
D342,579 S *	12/1993	Mason	D25/119	D574,509 S *	8/2008	Koch	D25/38
D344,595 S *	2/1994	Ehmke et al.	D25/119	D577,857 S *	9/2008	Tress et al.	D26/141
D345,268 S *	3/1994	Pate	D6/511	D578,248 S *	10/2008	Lee et al.	D26/138
D348,940 S *	7/1994	Clark et al.	D25/124	D578,705 S *	10/2008	Aberg et al.	D26/138
D353,467 S *	12/1994	Raynes	D25/38	D582,602 S *	12/2008	Maxik et al.	D26/118
D356,645 S *	3/1995	Boer	D25/119	D587,731 S *	3/2009	Niedermeyer	D15/136
5,430,627 A *	7/1995	Nagano	362/146	D595,078 S *	6/2009	Kollman et al.	D6/580
5,499,170 A *	3/1996	Gagne	362/84	D595,984 S *	7/2009	Kollman et al.	D6/580
D373,963 S *	9/1996	Nagai et al.	D10/94	D598,574 S *	8/2009	Bergmann	D25/122
D375,324 S *	11/1996	Grass	D20/11	D599,387 S *	9/2009	Chuo et al.	D15/143
D378,432 S *	3/1997	Raynes	D25/164	D600,401 S *	9/2009	Varrin	D26/138
D379,237 S *	5/1997	Leonelli	D25/119	D600,484 S *	9/2009	Anderson et al.	D6/580
D379,524 S *	5/1997	Leonelli	D25/119	D602,346 S *	10/2009	Allsopp	D8/369
D379,535 S *	5/1997	Dallaire et al.	D25/125	D606,793 S *	12/2009	Allsopp	D6/580
D381,088 S *	7/1997	DiGiorgio	D25/124	7,654,703 B2 *	2/2010	Kan et al.	362/362
D384,471 S *	9/1997	Kubsik et al.	D34/29	D611,169 S *	3/2010	Harder	D25/122
D389,460 S *	1/1998	Wei-Hong	D13/155	D616,035 S *	5/2010	Kosir et al.	D20/44
D393,083 S *	3/1998	Caltrider	D25/199	D616,946 S *	6/2010	Garfinkle et al.	D20/43
5,724,909 A *	3/1998	Pitman et al.	116/202	D621,090 S *	8/2010	Klu	D26/138
D397,231 S *	8/1998	Saxer	D25/119	D621,961 S *	8/2010	Gardner	D25/119
D417,607 S *	12/1999	Vining	D8/373	7,766,505 B2 *	8/2010	Tseng et al.	362/217.17
6,074,074 A *	6/2000	Marcus	362/240	D623,342 S *	9/2010	Klu	D26/138
6,107,576 A *	8/2000	Morton et al.	174/101	D623,343 S *	9/2010	Klu	D26/138
D432,672 S *	10/2000	Grosfillex	D25/124	D625,463 S *	10/2010	Klu	D26/138
D437,944 S *	2/2001	Neuhofe, Jr.	D25/199	D625,588 S *	10/2010	Norris et al.	D8/382
D441,879 S *	5/2001	Habeck et al.	D25/124	D626,839 S *	11/2010	Gross et al.	D9/456
D443,198 S *	6/2001	Snyder	D8/354	7,857,482 B2 *	12/2010	Reo et al.	362/225
D445,211 S *	7/2001	Baker	D26/76	D631,171 S *	1/2011	Konrad	D25/49
6,276,634 B1 *	8/2001	Bodle	244/118.5	D634,063 S *	3/2011	Peifer	D26/138
6,302,560 B1 *	10/2001	Lai	362/235	D634,876 S *	3/2011	McGrath et al.	D26/79
D450,234 S *	11/2001	Bosgoed	D8/377	D639,098 S *	6/2011	Bosgoed	D6/580
D453,971 S *	2/2002	Baker	D25/124	D639,144 S *	6/2011	Schaefer et al.	D8/354
6,361,186 B1 *	3/2002	Slayden	362/241	D641,101 S *	7/2011	Radchenko et al.	D26/138
D455,634 S *	4/2002	Hummel et al.	D8/314	D641,923 S *	7/2011	Radchenko et al.	D26/138
6,385,047 B1 *	5/2002	McCullough et al.	361/704	2003/0163967 A1 *	9/2003	Sims	52/586.2
D471,994 S *	3/2003	Chaney et al.	D25/124	2004/0076004 A1 *	4/2004	Smith, Jr.	362/237
6,554,446 B1 *	4/2003	Walsh et al.	362/146	2006/0191101 A1 *	8/2006	Elmer	16/91
D482,405 S *	11/2003	McIlvaine	D20/43	2008/0030981 A1 *	2/2008	Mrakovich et al.	362/219
D483,443 S *	12/2003	Forsberg	D23/267	2009/0207602 A1 *	8/2009	Reed et al.	362/225
6,659,623 B2 *	12/2003	Friend	362/249.06	2009/0219713 A1 *	9/2009	Siemiet et al.	362/218

* cited by examiner

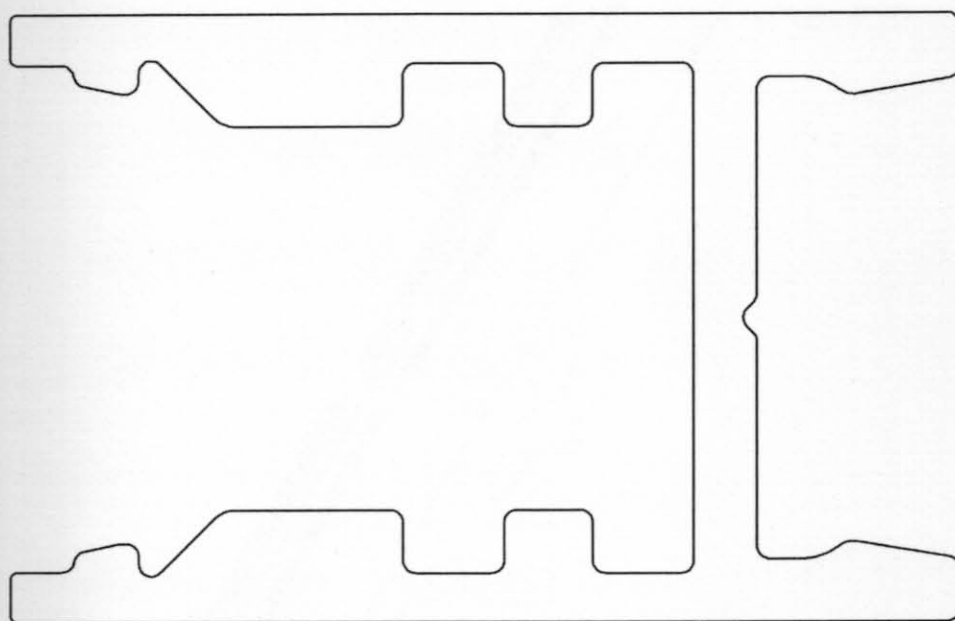


FIG. 1

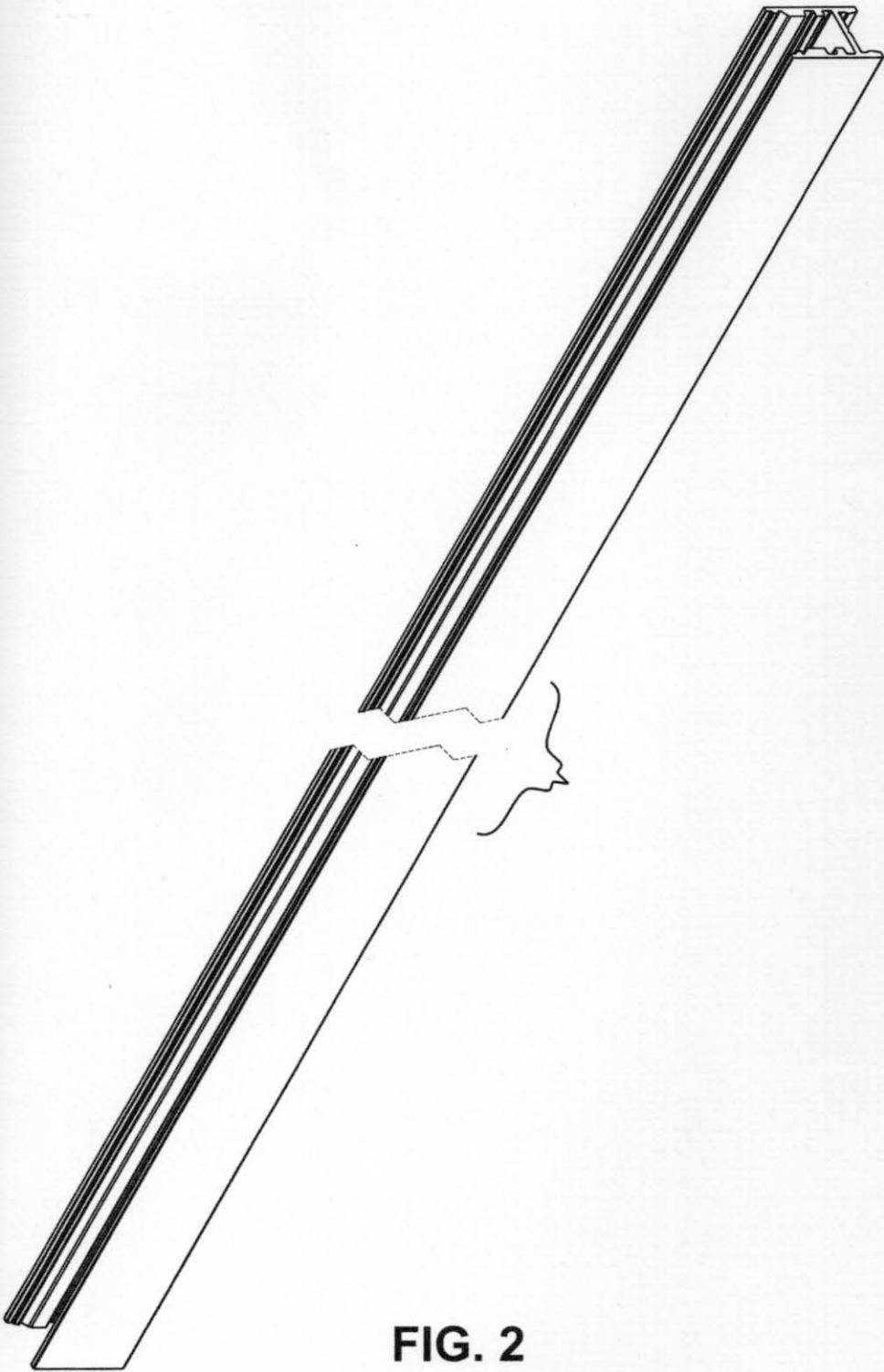


FIG. 2