



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**

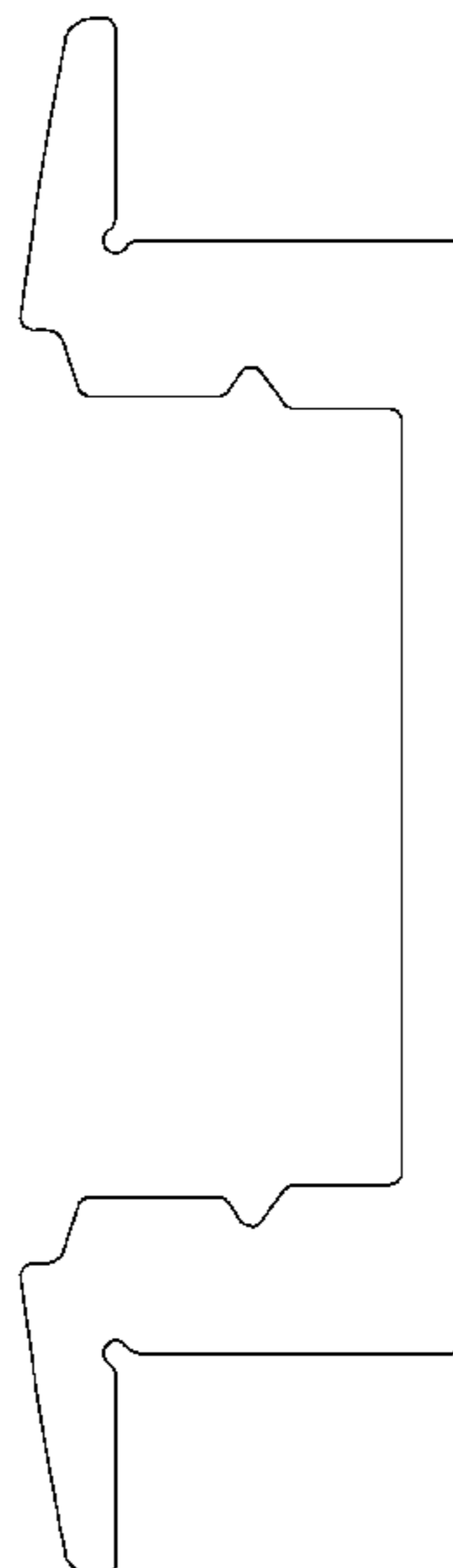
The ornamental design for an extrusion for LED-based lighting apparatus, as shown and described.

**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	Flehsig	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	Neuhofer, 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**



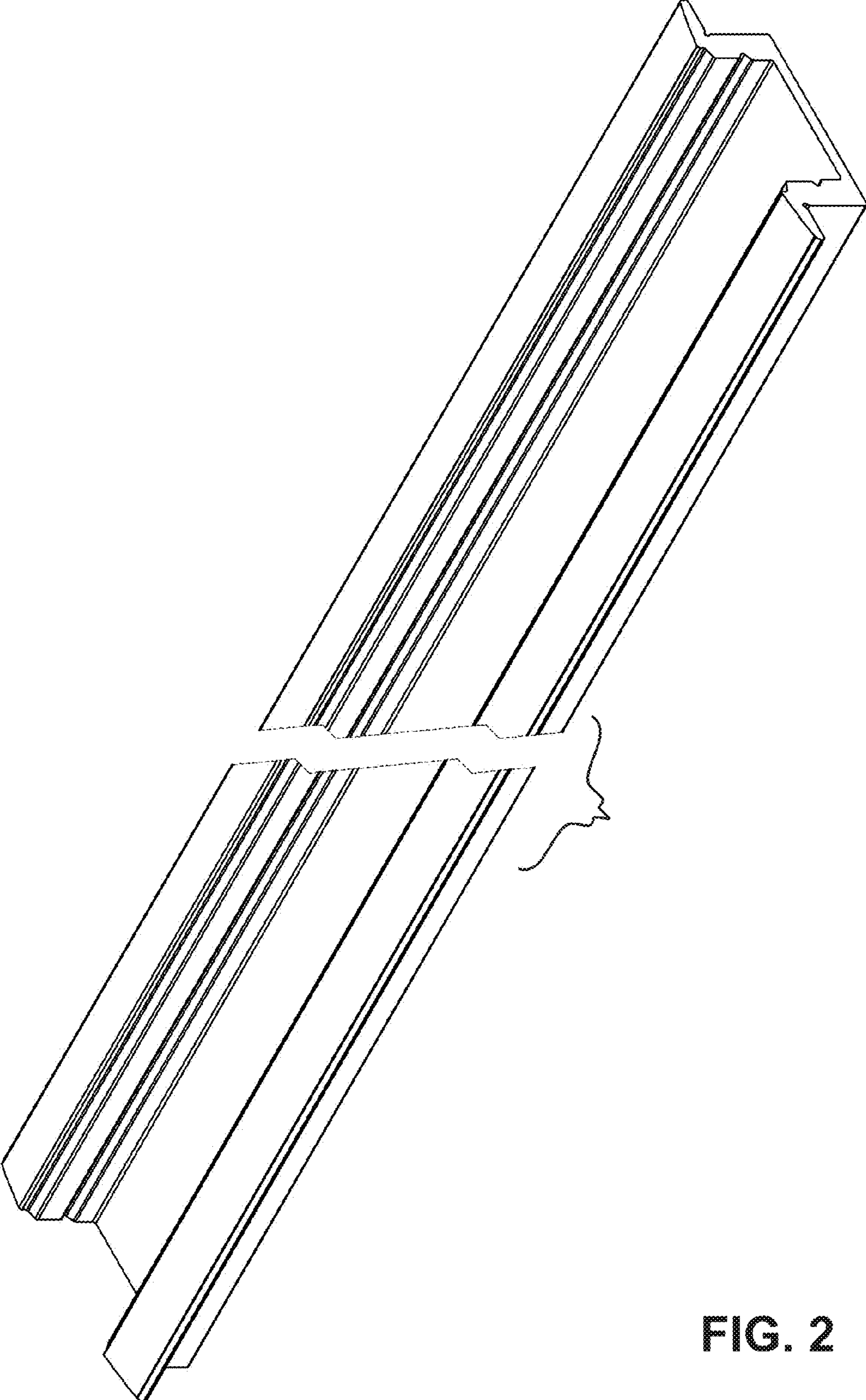


FIG. 2