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(12) United States Design Patent

Tufte

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(54) **ILLUMINATED RUB RAIL**

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

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Related U.S. Application Data

(63) Continuation-in-part of application No. 10/811,670, filed on Mar. 29, 2004, now Pat. No. 7,401,949, which is a continuation-in-part of application No. 10/075,489, filed on Feb. 12, 2002, now Pat. No. 6,837,591.

(51) **LOC (9) Cl.** **12-16**
(52) **U.S. Cl.** **D12/168**
(58) **Field of Classification Search** D12/168; 114/219, 220; 362/369
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,729,274	A		9/1929	Miller
1,729,284	A		9/1929	Millar
1,779,180	A		10/1930	Macrae et al.
2,277,433	A		3/1942	Guth
2,300,067	A		10/1942	Schwab
2,339,085	A		1/1944	Luckiesh
2,561,756	A		7/1951	Shock
2,587,807	A		3/1952	Arenberg et al.
2,930,885	A		3/1960	Ehrenfreund
2,959,146	A		11/1960	Erkert
2,990,802	A	*	7/1961	Ong et al. 114/219
3,028,208	A		4/1962	Sharpe
3,196,265	A		7/1965	Schneider
3,317,722	A		5/1967	Whitney
3,551,723	A		12/1970	Groningen
3,612,848	A		10/1971	Koch et al.
3,639,748	A		2/1972	Pearson et al.
3,675,527	A		7/1972	Reeder, Jr.

(Continued)

FOREIGN PATENT DOCUMENTS

FR	2727498	11/1994	

(Continued)

OTHER PUBLICATIONS

Light Tech LLC., "Decorative Cable Lights," brochure, copyright 1998.

(Continued)

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(57) **CLAIM**

The ornamental design for an illuminated rub rail, as shown and described.

DESCRIPTION

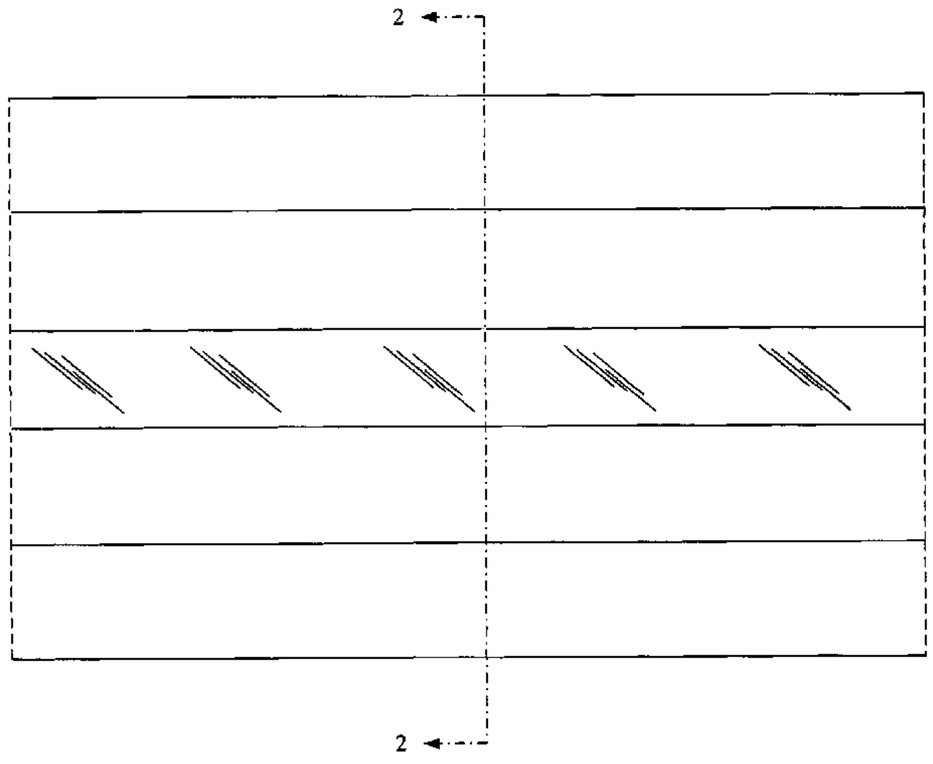
FIG. **1** is a head on frontal view of a illuminated rub rail;

FIG. **2** is a cross-sectional side view of the illuminated rub rail of FIG. **1**, taken along line **2**—**2** of FIG. **1**; and,

FIG. **3** is a perspective view of the illuminated rub rail of FIG. **1**.

The broken lines shown along the left and right sides of the illuminated rub rail of FIGS. **1** and **3** represent the bounds of the claimed design while all other broken lines are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

1 Claim, 3 Drawing Sheets



U.S. PATENT DOCUMENTS

3,722,876	A	3/1973	Schwenk
3,885,144	A	5/1975	Lewis et al.
4,107,767	A	8/1978	Anquetin
4,213,644	A	7/1980	Scrivo et al.
4,234,907	A	11/1980	Daniel
4,245,281	A	1/1981	Ziaylek, Jr.
4,360,859	A	11/1982	Ziaylek, Jr.
4,376,966	A	3/1983	Tieszen
4,418,378	A	11/1983	Johnson
4,445,163	A	4/1984	Ziaylek, Jr.
4,625,266	A	11/1986	Winter
4,740,870	A	4/1988	Moore et al.
4,947,293	A	8/1990	Johnson et al.
4,954,932	A	9/1990	Isenga
4,955,044	A	9/1990	Amstutz et al.
4,964,760	A	10/1990	Hartman
4,979,081	A	12/1990	Leach et al.
5,023,762	A	6/1991	Tieszen
5,122,933	A	6/1992	Johnson
5,180,223	A	1/1993	McNamee
5,268,824	A	12/1993	Czipri
5,304,993	A	4/1994	Handsaker
5,337,225	A	8/1994	Brookman
5,410,458	A	4/1995	Bell
5,430,627	A	7/1995	Nagano
5,434,013	A	7/1995	Fernandez
5,469,342	A	11/1995	Chien
5,475,574	A	12/1995	Chien
5,485,355	A	1/1996	Voskoboinik et al.
5,495,401	A	2/1996	Evans
5,499,170	A	3/1996	Gagne
5,523,923	A	6/1996	Stowe, Jr.
5,566,384	A	10/1996	Chien
5,570,945	A	11/1996	Chien et al.
5,579,429	A	11/1996	Naum
5,611,621	A	3/1997	Chien
5,636,916	A	6/1997	Sokolowski
5,678,914	A	10/1997	Dealey et al.
5,680,496	A	10/1997	Burkitt, III et al.
5,711,592	A	1/1998	Hotta
5,730,079	A	3/1998	Totty et al.
5,737,472	A	4/1998	Bernasson et al.
5,746,501	A	5/1998	Chien
5,753,381	A	5/1998	Feldman et al.
5,775,016	A	7/1998	Chien
5,869,930	A	2/1999	Baumberg et al.
5,871,269	A	2/1999	Chien
5,873,646	A	2/1999	Fjaestad et al.
5,902,034	A	5/1999	Santosuosso et al.
5,903,695	A	5/1999	Zarian et al.
5,915,830	A	6/1999	Dickson et al.
5,917,288	A	6/1999	Feldman et al.
6,033,085	A	3/2000	Bowker
6,065,852	A	5/2000	Crumley
6,074,071	A	6/2000	Baumberg et al.
6,082,867	A	7/2000	Chien
6,113,246	A	9/2000	Rub
6,129,442	A	10/2000	Hoefling et al.
6,152,586	A	11/2000	Dealey et al.
6,179,431	B1	1/2001	Chien
6,186,649	B1	2/2001	Zou et al.
RE37,113	E	3/2001	Shimada
6,231,217	B1	5/2001	Krippelz, Sr.
6,270,229	B1	8/2001	Chien
6,278,827	B1	8/2001	Sugiyama et al.
6,349,662	B1 *	2/2002	Limansky et al. 114/219
6,371,634	B1	4/2002	Tufte
6,450,678	B1	9/2002	Bayersdorfer
6,461,028	B1	10/2002	Huang
6,474,851	B1	11/2002	Baley
6,511,204	B2	1/2003	Emmel et al.
6,523,986	B1	2/2003	Hoffman
6,526,200	B1	2/2003	Davie
6,592,245	B1	7/2003	Tribelsky et al.
6,655,824	B2	12/2003	Tufte
6,733,161	B2	5/2004	Tufte
6,742,916	B1	6/2004	Dunn
6,817,731	B2	11/2004	Tufte
6,837,591	B2	1/2005	Tufte
6,869,202	B2	3/2005	Tufte
6,883,931	B2	4/2005	Tufte
6,921,189	B2	7/2005	Tufte
2003/0209183	A1	11/2003	Tufte

FOREIGN PATENT DOCUMENTS

WO	WO 96/13687	5/1996
WO	WO 00/42456	7/2000

OTHER PUBLICATIONS

Flex Glo Wire, Inc., "Flex Glo Wire Specifications," Oct. 15, 1998.
Selected pages from http://www.aqualuce.com/montkaj.html, 2 pages, downloaded Jun. 3, 2000.
"Eagle Mouldings Specialty Trim & Extrusions," brochure, 6 pages, prior to Aug. 11, 1999.
Lumenyte International Corporation, "Cove Lighting Applications," 1 page, copyright, Mar. 19, 1998.
Lumenyte International Corporation, "Sta-Flex LEF™ 510M Linear Emitting Fiber," 2 pages, copyright Mar. 6, 2001.
Lumenyte International Corporation, "Sta-Flex LEF™ 310 Linear Emitting Fiber," 2 pages, copyright Mar. 19, 1998.
Lumenyte International Corporation, "Sta-Flex SFR™ 510 Linear Fiber," 2 pages, copyright Mar. 19, 1998.
Lumenyte International Corporation, "Sta-Flex SFR™ 410M Linear Emitting Fiber," 2 pages, copyright Mar. 6, 2001.
3M Marine Products, http://www.3m.com/US/auto_marine_aero/marine/catalog/index.jhtml, 1 page, downloaded Feb. 11, 2002.
3M Automotive, Marine and Aerospace, http://products.3m.com/usenglish/auto_marine_aero/marine.jhtml, 1 page, downloaded Feb. 11, 2002.
3M United States, http://www.3m.com/about3M/technologies/lightfiber, 30 pages, downloaded Feb. 11, 2002.
http://www.elam.co.il, 24 pages, downloaded Feb. 11, 2002.
"2004 Marine Product Catalog," Taco Metals, 128 pages, 2004.
"2006 Marine Products Catalog," Taco Metals, 122 pages, 2006.

* cited by examiner

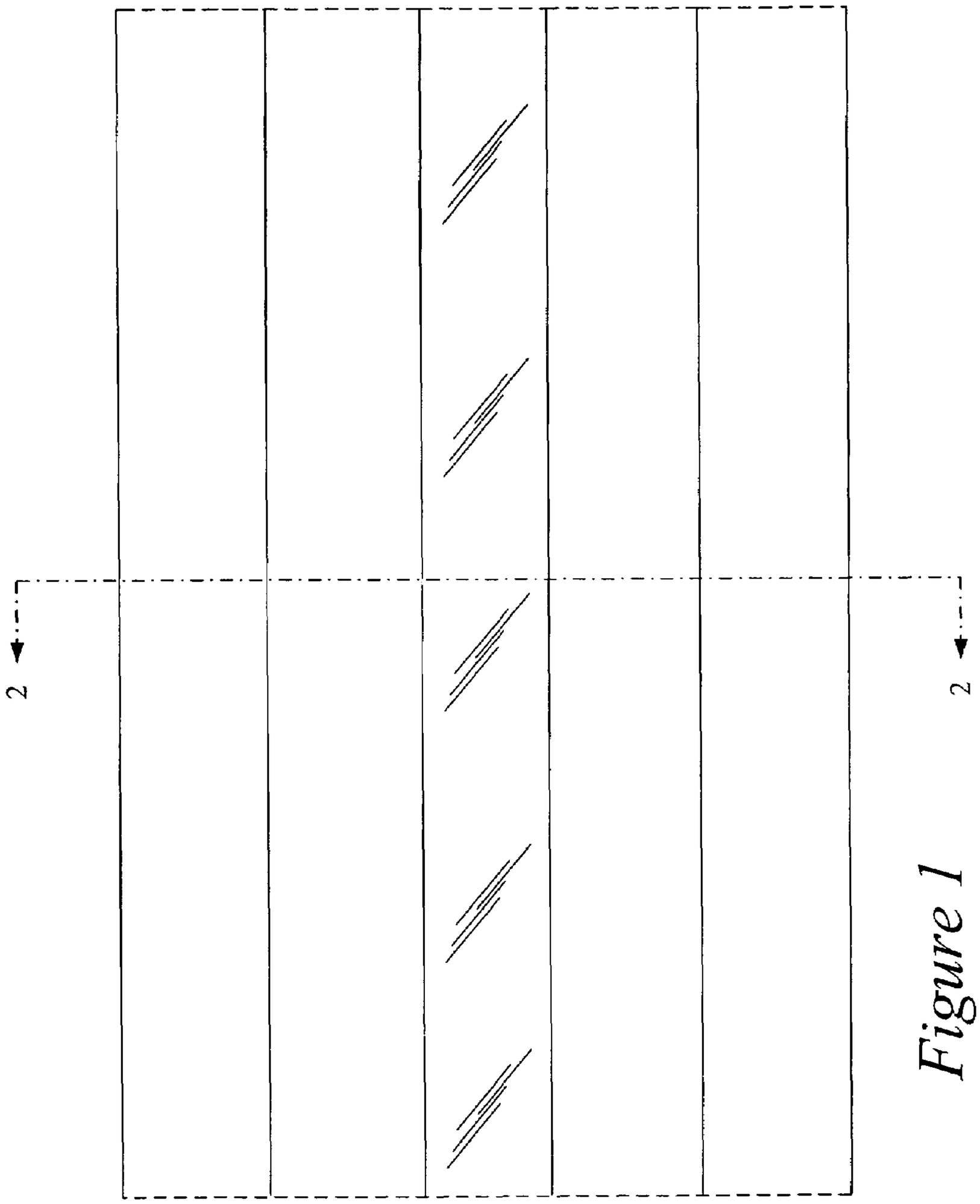


Figure 1

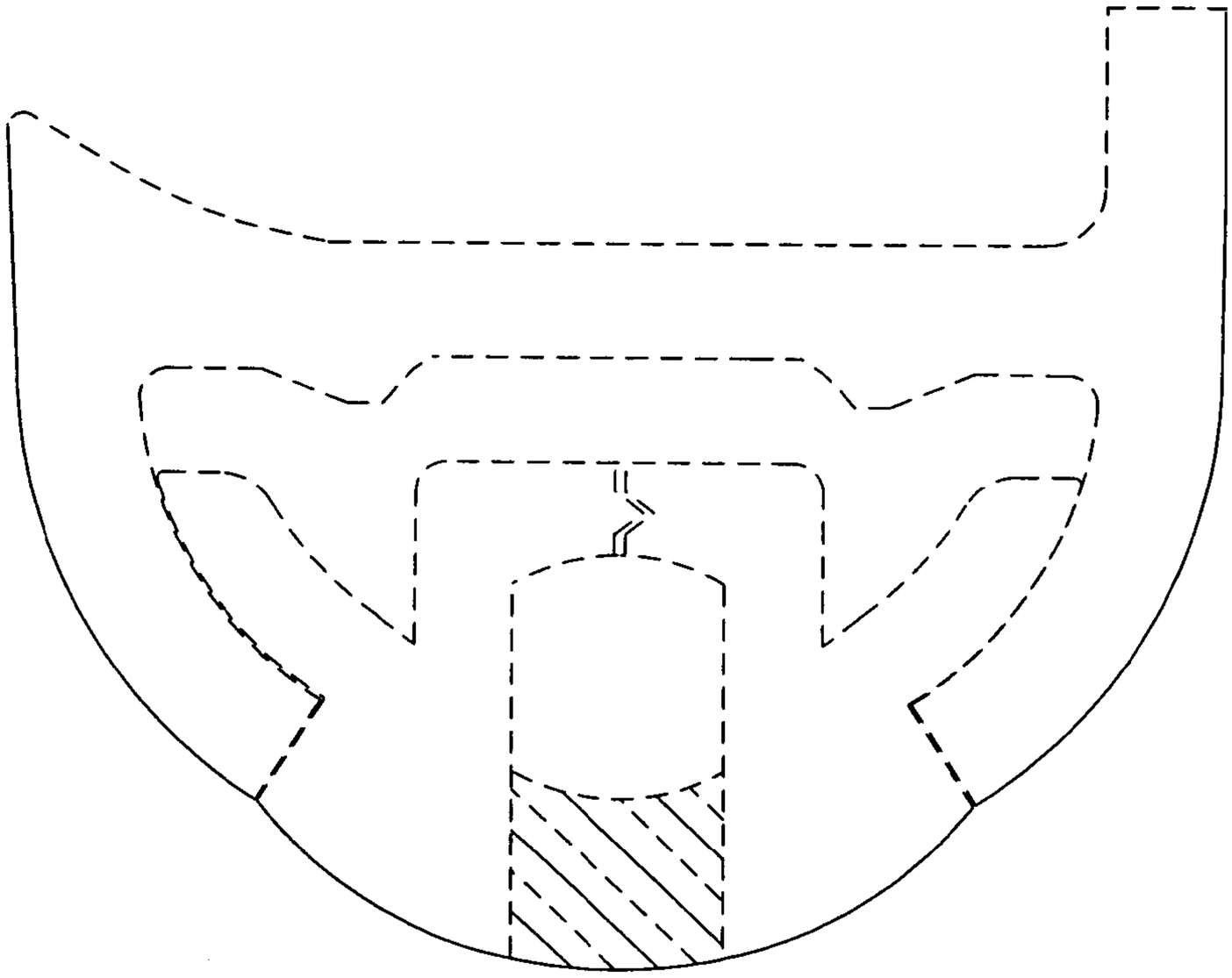


Figure 2

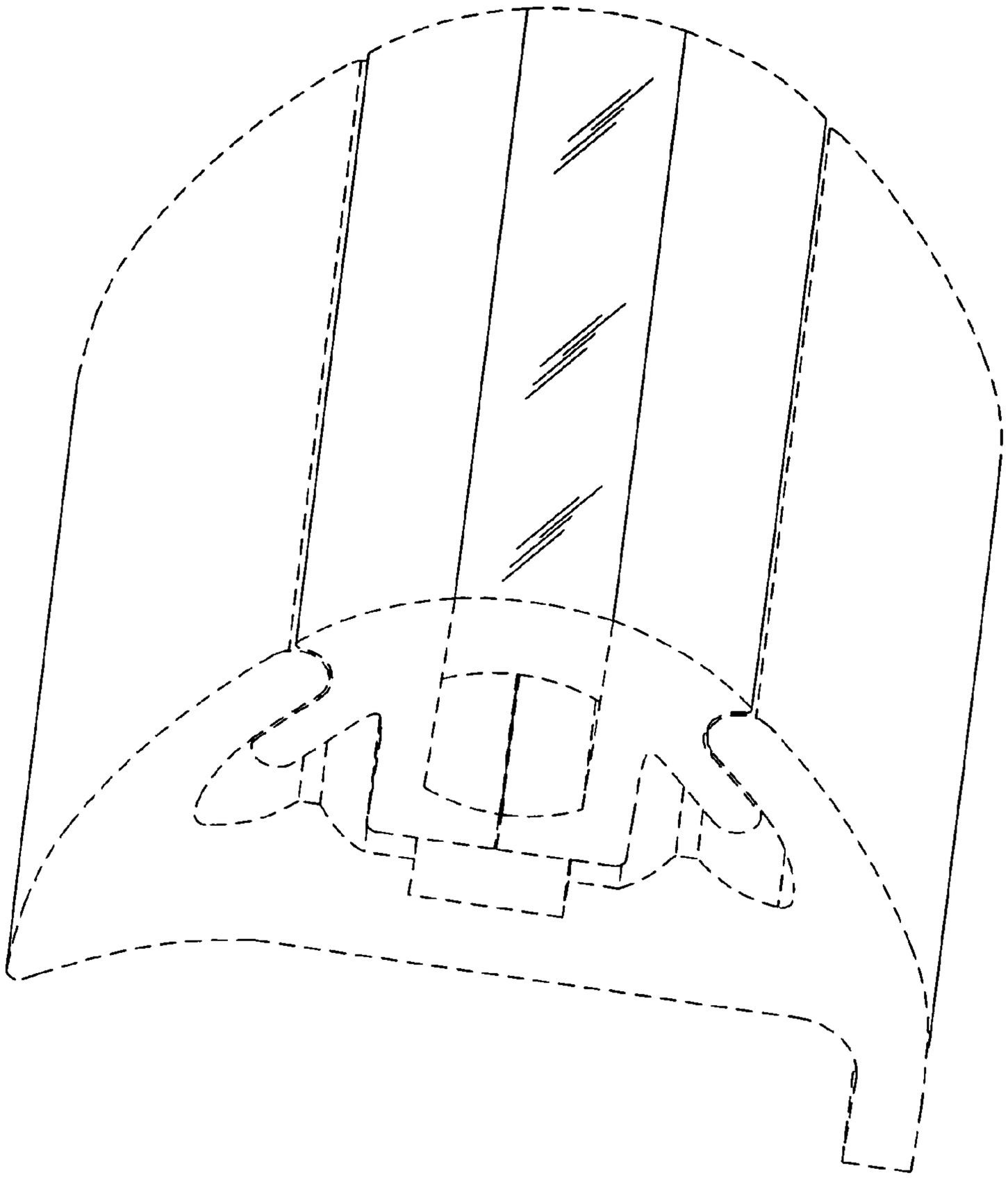


Figure 3