



US00D931514S

(12) **United States Design Patent** (10) **Patent No.:** **US D931,514 S**
Sherman et al. (45) **Date of Patent:** **** Sep. 21, 2021**

(54) **LIGHTED CABLE TERMINATION ASSEMBLY**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **nVent Services GmbH**, Schaffhausen (CH)

BR 322018000597-0001 * 12/2014
EM 005227048 4/2018

(Continued)

(72) Inventors: **Adam C. Sherman**, Newark, CA (US);
Rajasree Andeth Nari, Kerala (IN);
Subhash Thanathalil Kumaran, Kerala (IN)

OTHER PUBLICATIONS

EN-IndustrialHeatTracingCatalog-TH-H56550_tcm432-26155 http://meor.com.ar/pdf/traceado-electrico/EN-IndustrialHeatTracingCatalog-TH-H56550_tcm432-26155.pdf Oct. 20, 2017 (Year: 2017).*

(Continued)

(73) Assignee: **nVent Services GmbH**, Schaffhausen (CH)

Primary Examiner — Leanne Was-Englehart

(**) Term: **15 Years**

(74) *Attorney, Agent, or Firm* — Quarles & Brady LLP

(21) Appl. No.: **29/769,537**

(57) **CLAIM**

The ornamental design for a lighted cable termination assembly, as shown and described.

(22) Filed: **Feb. 5, 2021**

DESCRIPTION

Related U.S. Application Data

(60) Continuation of application No. 29/769,288, filed on Feb. 4, 2021, which is a continuation of application (Continued)

(51) **LOC (13) Cl.** **26-05**

(52) **U.S. Cl.**
USPC **D26/51**

(58) **Field of Classification Search**
USPC D10/109.1, 109.2; D26/24, 27, 38, 43, D26/51, 52, 105, 120, 123, 124
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

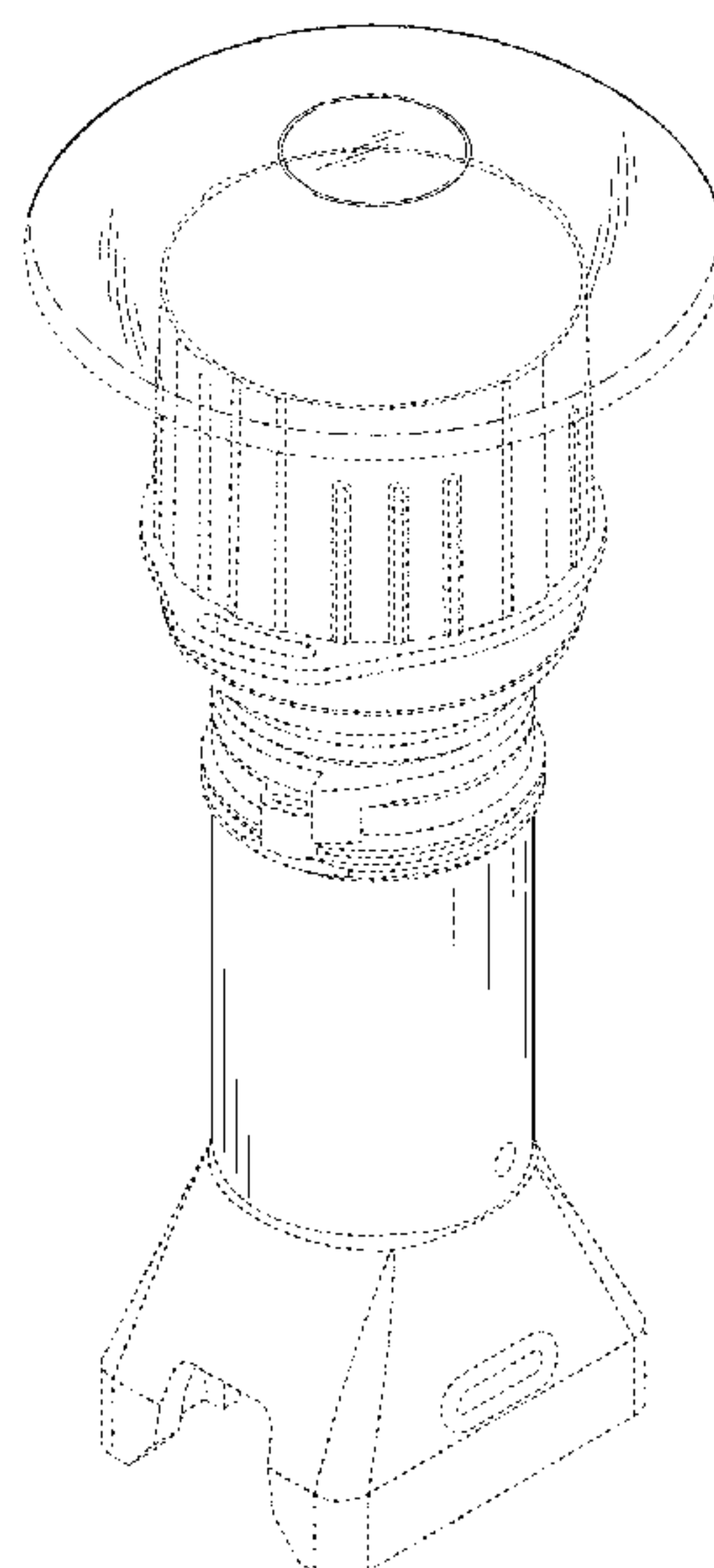
2,175,067 A 10/1939 Rolph
2,536,533 A 1/1951 Cannon

(Continued)

FIG. 1 is an isometric view of a front, top, and left side of a lighted cable termination assembly;
FIG. 2 is a left side elevational view of the lighted cable termination assembly of FIG. 1;
FIG. 3 is a right side elevational view of the lighted cable termination assembly of FIG. 1;
FIG. 4 is a front elevational view of the lighted cable termination assembly of FIG. 1;
FIG. 5 is a rear elevational view of the lighted cable termination assembly of FIG. 1;
FIG. 6 is a top plan view of the lighted cable termination assembly of FIG. 1; and,
FIG. 7 is a bottom plan view of the lighted cable termination assembly of FIG. 1.

The dash-dash-dash broken lines are included to show portions of the lighted cable termination assembly that form no part of the claimed design. The dash-dot-dash broken lines depict boundary lines and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



Related U.S. Application Data

No. 29/769,139, filed on Feb. 3, 2021, which is a continuation of application No. 29/684,256, filed on Mar. 19, 2019, which is a division of application No. 29/493,147, filed on Jun. 5, 2014, now Pat. No. Des. 843,625.

(58) Field of Classification Search

CPC F21V 5/04; F21K 9/50; F16L 53/38
See application file for complete search history.

(56) References Cited**U.S. PATENT DOCUMENTS**

D187,433	S	3/1960	Hammes
3,851,149	A	11/1974	Daley
3,886,347	A	5/1975	Dorman
4,066,870	A	1/1978	Colten
4,264,948	A	4/1981	Cherouge
4,270,162	A	5/1981	Cherouge
4,375,634	A	3/1983	Leis
D284,223	S	6/1986	Harvey
D287,410	S	12/1986	Johansson
4,650,971	A	3/1987	Manecchi et al.
D290,409	S	6/1987	Gendron et al.
D290,410	S	6/1987	Haggard
4,716,508	A	12/1987	Kramer et al.
D296,369	S	6/1988	Harvey
4,792,717	A	12/1988	Ferenc
4,839,781	A	6/1989	Barnes et al.
4,847,447	A	7/1989	Eiswirth et al.
4,856,103	A	8/1989	Compton
4,866,329	A	9/1989	Ferenc
4,877,943	A	10/1989	Oiwa
D311,254	S	10/1990	Clair
D336,689	S	6/1993	Hung
5,319,365	A	6/1994	Hillinger
D351,921	S	10/1994	Harris et al.
D357,991	S	5/1995	Chen
D377,229	S	1/1997	Shalvi
D384,770	S	10/1997	Bray
D388,526	S	12/1997	Bray
5,792,987	A	8/1998	Dong et al.
D421,504	S	3/2000	Meek et al.
D426,012	S	5/2000	Giese et al.
D426,013	S	5/2000	Landefeld
D428,170	S *	7/2000	Hoffman D26/27
D429,832	S	8/2000	Poon
D440,339	S	4/2001	Landefeld
D444,253	S	6/2001	Blanchard
D450,867	S	11/2001	Long et al.
D464,451	S	10/2002	Poon
D469,559	S	1/2003	Chang
D475,153	S	5/2003	Brunner et al.
D479,355	S	9/2003	Dalton et al.
6,626,557	B1	9/2003	Taylor
D495,083	S	8/2004	Lam
6,808,293	B2	10/2004	Watanabe et al.
D499,503	S	12/2004	Hon et al.
D500,378	S	12/2004	Kung
D503,006	S	3/2005	May et al.
D509,920	S	9/2005	Fritz et al.
6,964,494	B2	11/2005	Niven et al.
7,025,476	B2	4/2006	Leadford
D528,236	S	9/2006	Strom et al.
D540,970	S	4/2007	Chen
D563,015	S	2/2008	Lee et al.
D565,226	S	3/2008	Gou
D568,512	S	5/2008	Shiu et al.
D570,515	S	6/2008	Flaherty et al.
D592,783	S	5/2009	Flaherty et al.

7,540,631	B2	6/2009	Watanabe et al.
D599,923	S	9/2009	Shiu et al.
7,581,854	B2	9/2009	Ford
D604,439	S	11/2009	Chen
D604,440	S	11/2009	Chen
D610,730	S	2/2010	Flaherty et al.
D617,022	S	6/2010	Kung
D646,443	S	10/2011	Cook et al.
8,047,679	B2	11/2011	Wu et al.
D657,087	S	4/2012	Krogman
8,167,462	B2	5/2012	Kim et al.
8,282,249	B2	10/2012	Liang et al.
8,480,257	B2	7/2013	Shang et al.
8,496,349	B2	7/2013	Wu et al.
D691,323	S *	10/2013	Tang D26/124
D694,931	S	12/2013	Meyer et al.
D718,598	S	12/2014	Moreau et al.
D725,808	S	3/2015	Andre
D726,358	S	4/2015	Young
8,998,443	B1	4/2015	Shumate et al.
D738,553	S	9/2015	Fletcher
D742,052	S	10/2015	Dorman
D742,569	S	11/2015	Dorman
D745,204	S	12/2015	Skira
D747,022	S	1/2016	Leung et al.
D748,307	S	1/2016	Matthews et al.
D778,332	S *	2/2017	Suzuki D16/134
D785,839	S	5/2017	Anderson
D795,482	S	8/2017	Galipeau et al.
D798,494	S *	9/2017	Giovine D26/124
D808,556	S	1/2018	Patel
D814,092	S	3/2018	Chen
D828,603	S	9/2018	Recker et al.
D843,625	S *	3/2019	Sherman D26/51
D897,018	S *	9/2020	Sherman D26/51
2002/0089420	A1	7/2002	Martineau et al.
2006/0050507	A1	3/2006	Morrow et al.
2007/0121329	A1	5/2007	Morrow et al.
2008/0089058	A1	4/2008	Galli et al.
2009/0316147	A1	12/2009	HJamileton, II et al.
2010/0195335	A1	8/2010	Allen et al.
2011/0228542	A1	9/2011	Hsueh et al.
2012/0044682	A1	2/2012	Mien et al.
2012/0098404	A1	4/2012	Kaandorp et al.
2013/0120990	A1	5/2013	Wu et al.
2013/0242567	A1	9/2013	Ariyoshi
2013/0314916	A1	11/2013	Clore
2015/0198317	A1	7/2015	Feller et al.
2015/0255230	A1	9/2015	Halama et al.
2015/0354779	A1 *	12/2015	Sherman F21V 5/04 362/311.06
2018/0066825	A1 *	3/2018	Sherman F21V 5/04

FOREIGN PATENT DOCUMENTS

EP	2541134	A2	2/2013
WO	D071403_024		11/2008
WO	2015/116656	A1	8/2015

OTHER PUBLICATIONS

U.S. Pat. No. 726801, Metallic Pole, Inventor W Maxwell, issue date Apr. 28, 1903, 4 pages.

Emerson, Nelson (TM) Heat Trace Lighted End of Circuit Termination Kit specification, Copyright 2021 Emerson Electric Co., 2 pages.

International Search Report of the International Searching Authority issued in PCT application No. PCT US14/41170, dated Oct. 1, 2014, 2 pages.

* cited by examiner

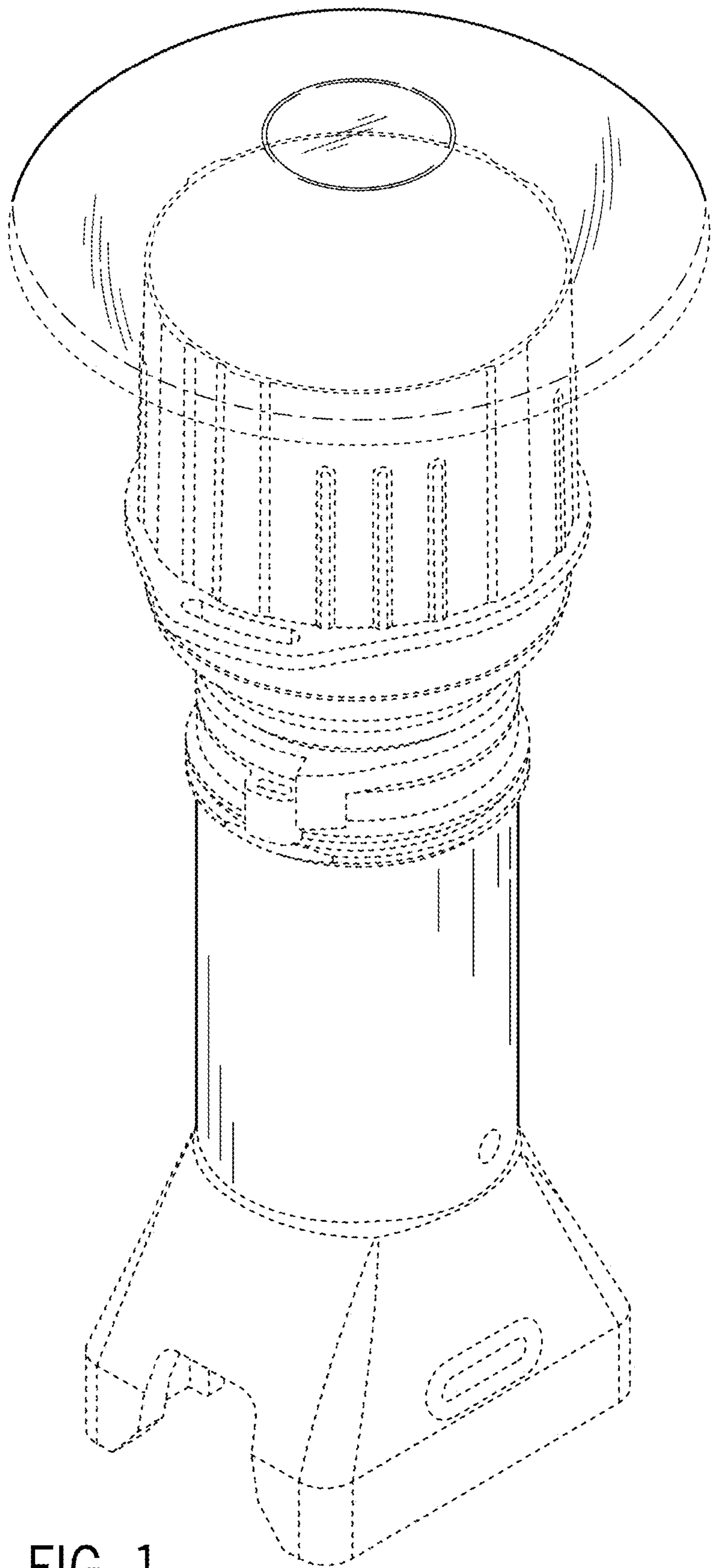


FIG. 1

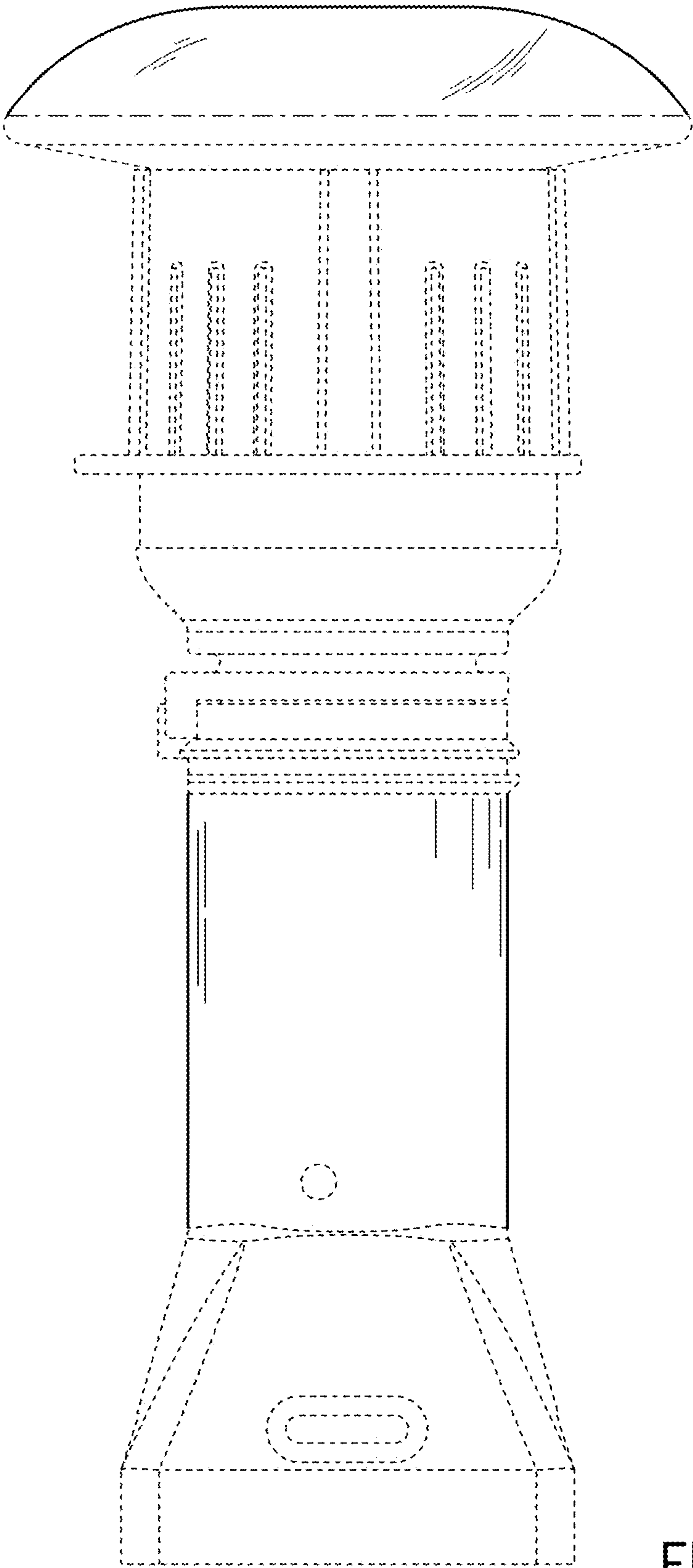


FIG. 2

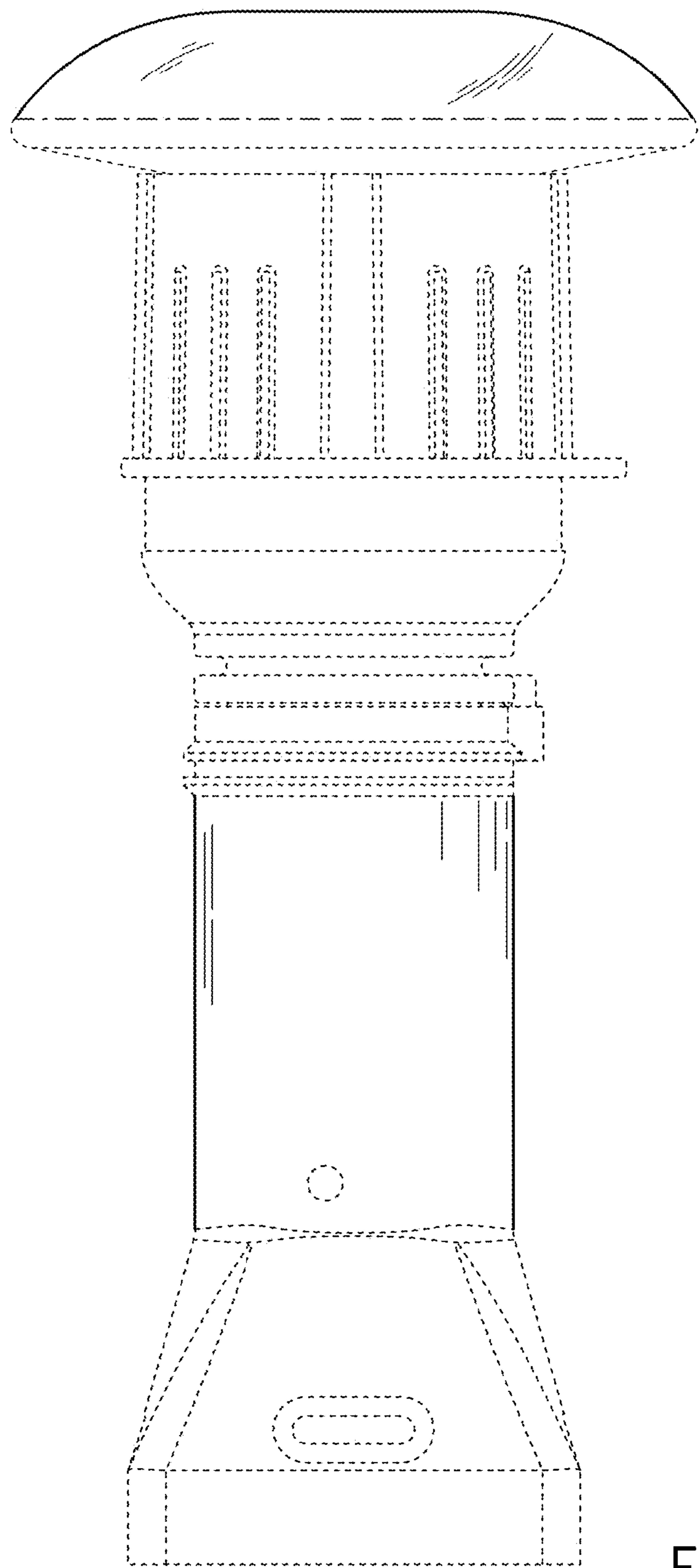


FIG. 3

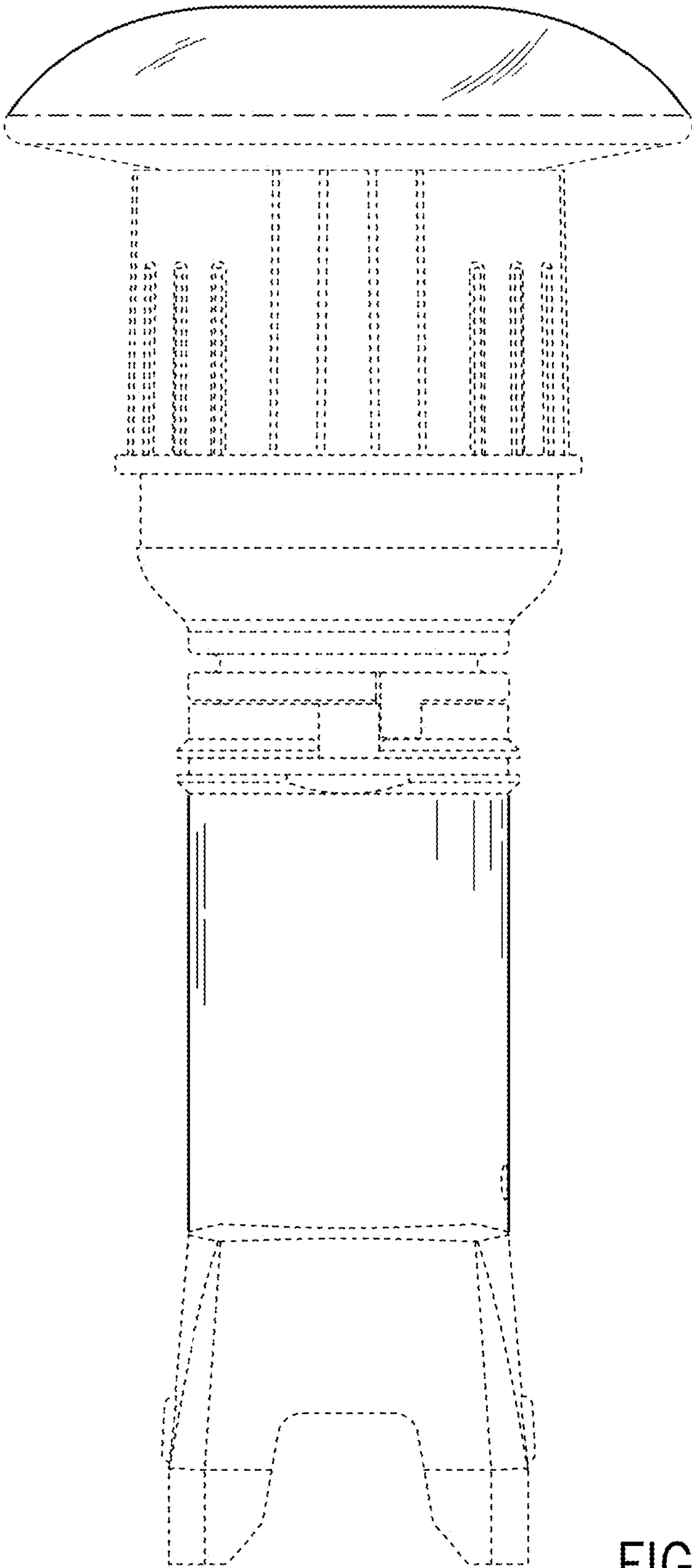


FIG. 4

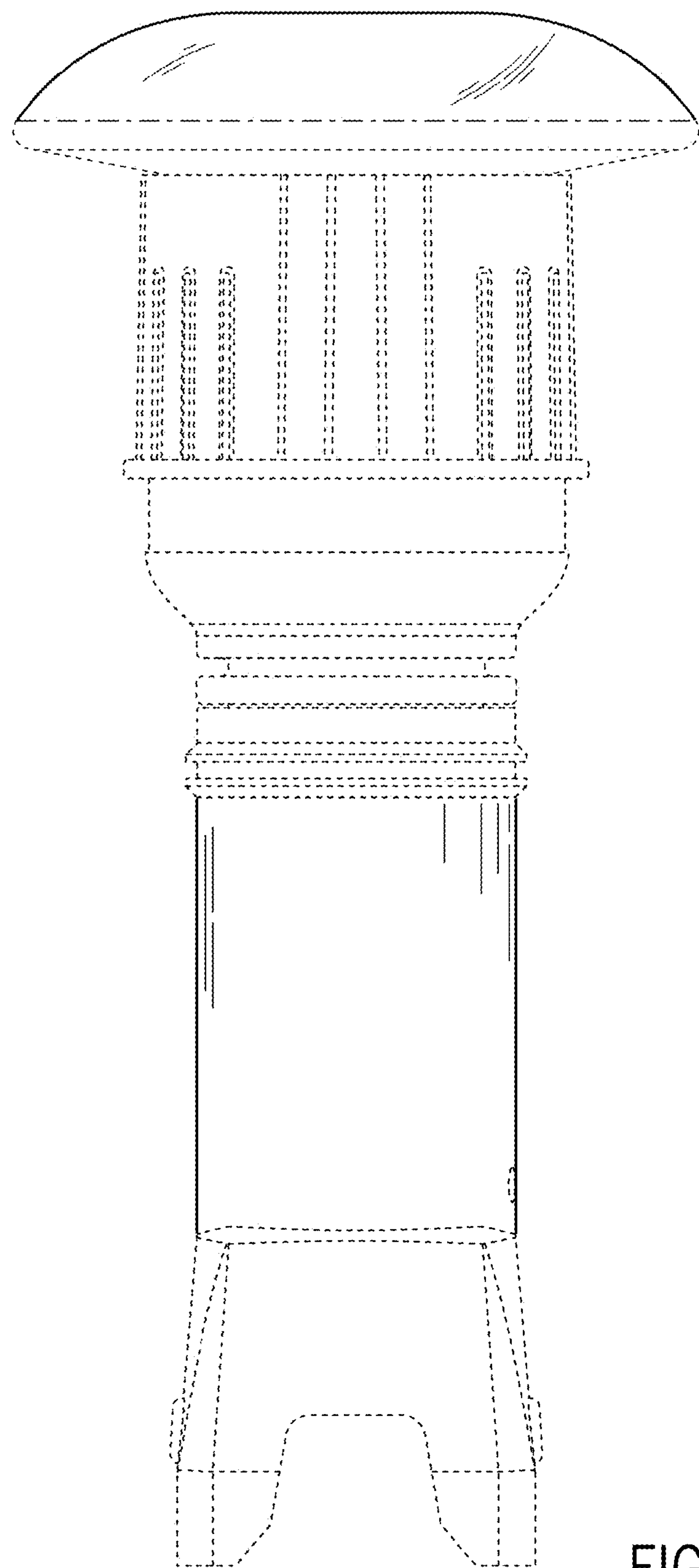


FIG. 5

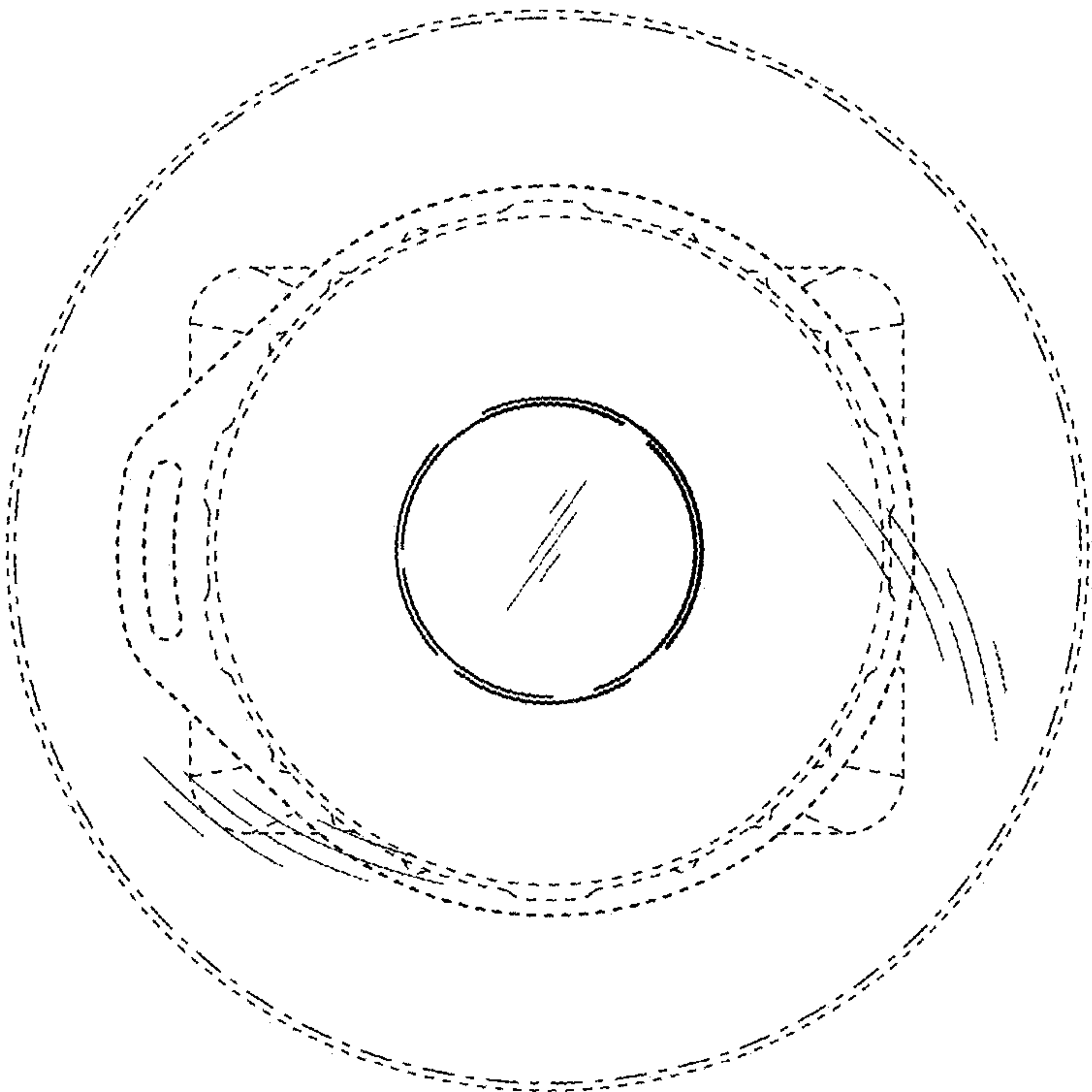


FIG. 6

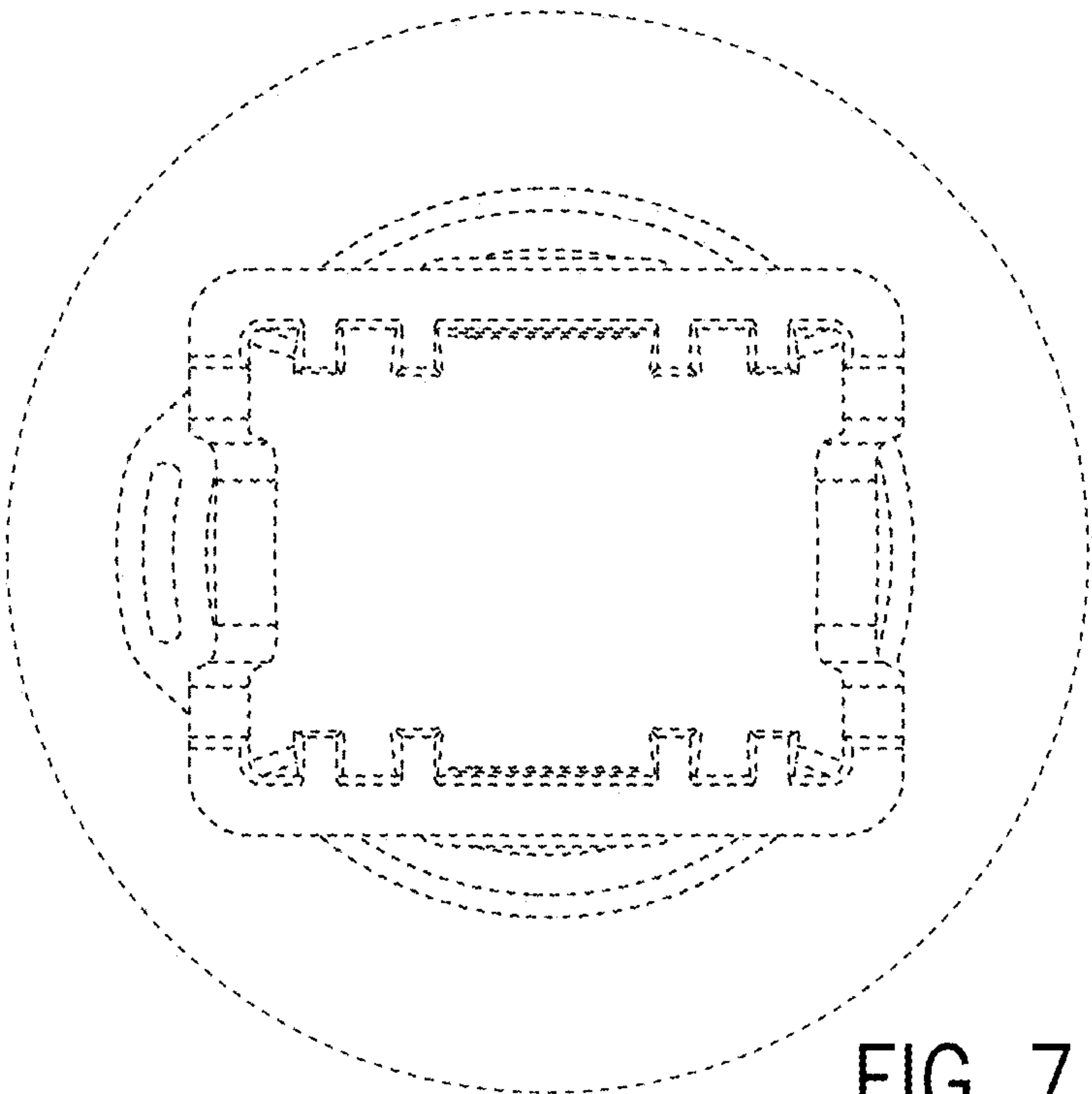


FIG. 7