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

(10) **Patent No.:** **US D786,475 S**

(45) **Date of Patent:** **** May 9, 2017**

- (54) **BALLAST**
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- (73) Assignee: **IP Holdings, LLC**, Vancouver, WA (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/500,576**
- (22) Filed: **Aug. 26, 2014**

D177,532 S	4/1956	Meyer et al.
2,887,242 A	5/1959	Suarez Grau
D201,083 S	5/1965	Roth
3,197,545 A	7/1965	Moore
D213,580 S	3/1969	Osborne
3,741,292 A	6/1973	Aakalu et al.
3,829,677 A	8/1974	DeLlano
4,078,169 A	3/1978	Armstrong
4,214,797 A	7/1980	Borresen
4,394,692 A	7/1983	Randmae
4,413,674 A	11/1983	Avery et al.
4,471,898 A	9/1984	Parker
D277,892 S	3/1985	Reding
4,602,826 A	7/1986	Zimmer
D292,619 S	11/1987	Chen
D292,913 S	11/1987	Shaper
4,745,966 A	5/1988	Avery
4,924,152 A	5/1990	Flickinger
5,031,070 A	7/1991	Hsu
5,140,225 A	8/1992	Barton
5,159,528 A	10/1992	Murphy
5,260,851 A	11/1993	Chiou
5,278,351 A	1/1994	Herrick
5,309,315 A	5/1994	Naedel
D348,869 S	7/1994	Egger
D360,047 S	7/1995	Zimmerman
5,446,617 A	8/1995	Blocher et al.
5,483,423 A	1/1996	Lewis
D373,625 S	9/1996	Pereira
D387,333 S	12/1997	Pellow et al.
D387,970 S	12/1997	Enslin
5,867,369 A	2/1999	Antonuccio
5,894,884 A	4/1999	Durian
5,917,696 A	6/1999	Peng
5,944,210 A	8/1999	Yetter
6,005,768 A	12/1999	Jo
6,038,126 A	3/2000	Weng
D425,462 S	5/2000	Ujiie
D427,969 S	7/2000	Wei
6,082,842 A	7/2000	Ho
D432,639 S	10/2000	Durian
6,129,429 A	10/2000	Hardt
6,147,859 A	11/2000	Abboud
D437,288 S	2/2001	Light
6,411,514 B1	6/2002	Hussaini
6,445,663 B1	9/2002	Chen
6,527,422 B1 *	3/2003	Hutchison
		F21S 48/328 362/290
6,548,948 B1	4/2003	Muessli

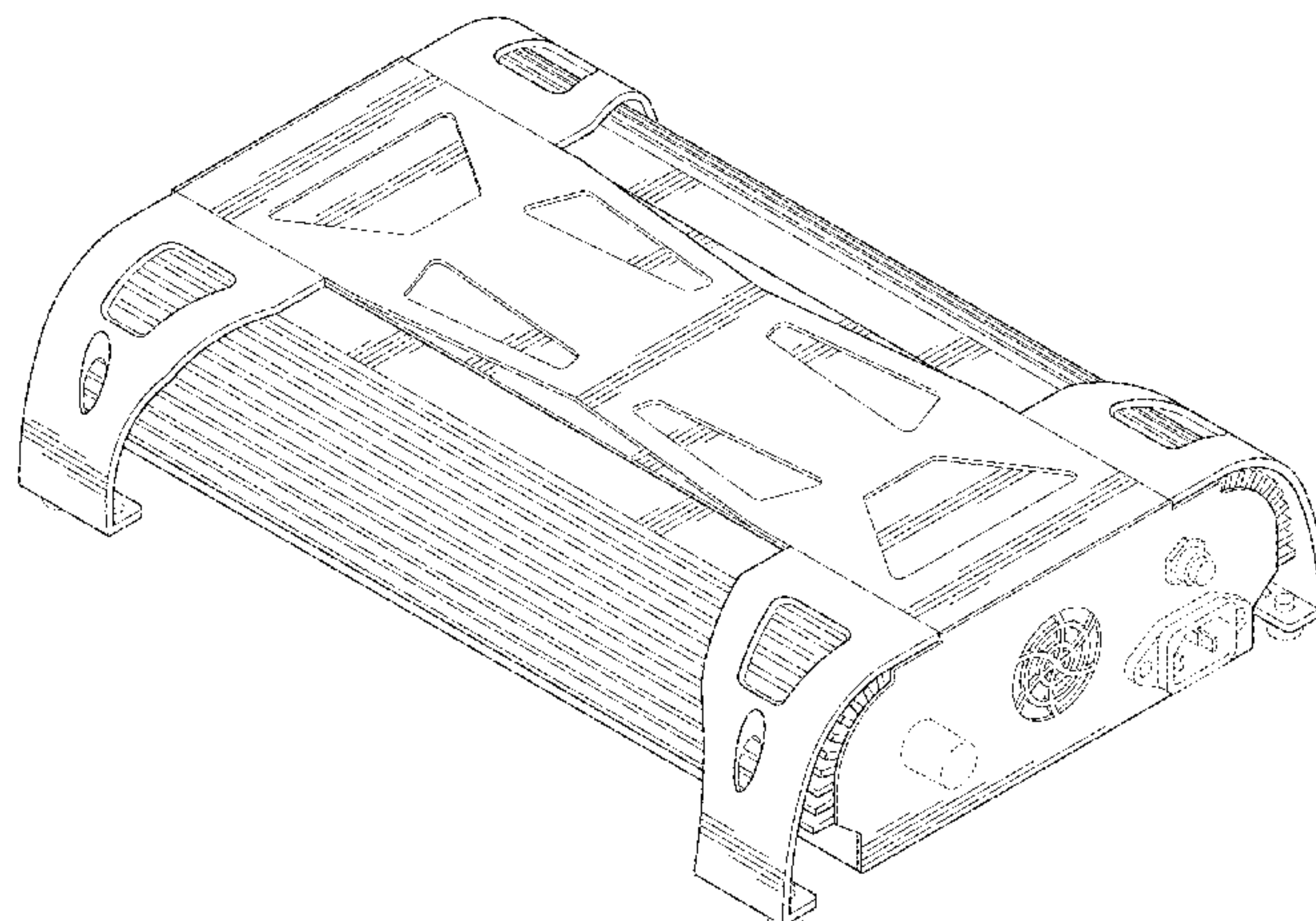
Related U.S. Application Data

- (63) Continuation of application No. 29/476,546, filed on Dec. 13, 2013, now Pat. No. Des. 725,820, which is a continuation of application No. 29/418,478, filed on Apr. 17, 2012, now Pat. No. Des. 698,074.
- (51) **LOC (10) Cl.** **26-03**
- (52) **U.S. Cl.**
USPC **D26/76**
- (58) **Field of Classification Search**
USPC D26/76, 78, 79, 80, 81, 82, 83, 85, 86, D26/88, 90, 93, 113, 118, 119, 120, 121, D26/122, 138, 139, 140, 141, 142
CPC F21S 2/00; F21S 4/00; F21S 4/003; F21S 4/005; F21S 4/006; F21S 4/007; F21S 4/008; F21S 6/00; F21S 8/00; F21S 8/024; F21S 8/026; F21S 8/031; F21S 8/033; F21S 8/035-8/037; F21S 8/04; F21S 8/043; F21S 8/063
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D123,768 S * 12/1940 Schribner D26/78
- 2,606,998 A * 8/1952 Wyman F21V 15/015
D26/77



D477,568	S	7/2003	Milby	
6,595,662	B2	7/2003	Wardenburg	
D478,547	S	8/2003	Milby	
D483,329	S	12/2003	Kuo	
6,679,619	B2	1/2004	Saieva	
6,693,371	B2	2/2004	Ziegler	
6,697,258	B1	2/2004	Muhlfeld	
6,758,353	B2	7/2004	Orr	
D505,915	S	6/2005	Hussaini	
D510,320	S	10/2005	Tuomola	
6,960,842	B2	11/2005	Ziegler	
7,040,491	B1	5/2006	Claprood	
D523,803	S	6/2006	Smith et al.	
D524,245	S	7/2006	Carson	
7,083,309	B2	8/2006	Chan	
D534,119	S	12/2006	Miller	
7,164,581	B2	1/2007	Carullo	
D537,777	S	3/2007	Hargreaves	
D542,460	S *	5/2007	Hargreaves	D26/118
D545,737	S	7/2007	Sherman	
D545,996	S	7/2007	Hargreaves	
D550,894	S	9/2007	Huang	
D554,062	S	10/2007	Ohmi	
7,397,670	B2	7/2008	Su	
7,524,090	B2	4/2009	Hargreaves	
7,566,104	B2	7/2009	Chen	
7,696,872	B2	4/2010	Burwell	
D615,848	S	5/2010	Prichard et al.	
D619,276	S	7/2010	Choi	
7,782,605	B2	8/2010	Wu	
D625,168	S	10/2010	Chen	
D625,877	S	10/2010	Hsu	
D627,503	S	11/2010	Postelmans	
D627,919	S	11/2010	Trice	
D638,307	S	5/2011	Rossi	
D639,495	S	6/2011	Huang	
D643,964	S	8/2011	Heyrman	
D654,021	S	2/2012	Sweeney	
D654,350	S	2/2012	Preda	
D663,228	S	7/2012	Reinbach	
D663,459	S	7/2012	Wauters	
D663,469	S	7/2012	Lee	
8,238,117	B2	8/2012	Burwell	
D668,810	S	10/2012	Bryant	
D673,720	S	1/2013	Bailey	
D675,365	S *	1/2013	Beghelli	D26/78
D678,599	S	3/2013	Boyer	
D691,074	S	10/2013	Dugardin	
D692,827	S	11/2013	Chen	
D696,165	S	12/2013	Campbell	
D698,074	S	1/2014	Hargreaves	
D704,375	S	5/2014	Bailey	
D705,230	S	5/2014	Hung	
D709,448	S	7/2014	Zhang	
D710,000	S	7/2014	Moreno	
D710,528	S	8/2014	Wardenburg	
D710,530	S	8/2014	Chang	
D711,818	S	8/2014	Maki	
D714,253	S	9/2014	Aglassinger	
D715,148	S	10/2014	Kuo	
D715,476	S	10/2014	Tien	
D716,730	S	11/2014	Liu	
D724,257	S	3/2015	Klus	
D725,820	S	3/2015	Hargreaves	
D727,846	S	4/2015	Wen	
D731,688	S	6/2015	Piano	
D739,347	S	9/2015	Huang	
D743,610	S *	11/2015	Inzinger	D26/77
D743,890	S	11/2015	Liu	
D747,029	S	1/2016	Reynolds	
D748,850	S *	2/2016	Johnson	D26/118
D752,803	S	3/2016	Reyes	
D756,016	S *	5/2016	Hargreaves	D26/79
2002/0141195	A1 *	10/2002	Peter	A01G 7/045 362/362
2008/0251663	A1	10/2008	Tracy	
2010/0319953	A1	12/2010	Yochum et al.	
2011/0025797	A1	2/2011	Rosati et al.	
2011/0025803	A1	2/2011	Rosati	

OTHER PUBLICATIONS

Pro Gear 1000 Watt Magnetic Ballast, image post date 2012, site visited Oct. 16, 2015 (online), <<http://growhop.ie/index.php/pro-gear-1000-watt-magnetic-ballast.html>>.

Hot Head 1000 Watt Ballast, image post date Jun. 7, 2014, site visited Oct. 16, 2015, (online), <<http://tineye.com/search/16ab65f3e8fc49af5495f0d8aed1735afa6524e/?pluginver=>>>.

1000 W Hardcore Ballast—Yield Master 6 in Air-cooled Bundle, image post date Jun. 9, 2014, site visited Oct. 16, 2015, (online), <<http://web.archive.org/web/20140609182241/http://4hydroponics.com/sunlight-supply>>.

* cited by examiner

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Assistant Examiner — Natasha Vujcic

(74) Attorney, Agent, or Firm — J. Douglas Wells

(57) CLAIM

The ornamental design for a ballast, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a ballast, showing my new design;

FIG. 2 is a front elevation view of the ballast shown in FIG. 1;

FIG. 3 is a rear elevation view of the ballast shown in FIG. 1;

FIG. 4 is a right side view of the ballast shown in FIG. 1;

FIG. 5 is a left side view of the ballast shown in FIG. 1;

FIG. 6 is a top plan view of the ballast shown in FIG. 1;

FIG. 7 is a bottom plan view of the ballast shown in FIG. 1;

FIG. 8 is a perspective view of a second embodiment of a ballast, stippled for the color green as specified by the Pantone code 8722 C, showing my new design;

FIG. 9 is a front elevation view of the ballast shown in FIG. 8;

FIG. 10 is a rear elevation view of the ballast shown in FIG. 8;

FIG. 11 is a right side view of the ballast shown in FIG. 8;

FIG. 12 is a left side view of the ballast shown in FIG. 8;

FIG. 13 is a top plan view of the ballast shown in FIG. 8;

FIG. 14 is a bottom plan view of the ballast shown in FIG. 8;

FIG. 15 is a perspective view of a third embodiment of a ballast, lined for a metallic chrome reflective finish appearance, showing my new design;

FIG. 16 is a front elevation view of the ballast shown in FIG. 15;

FIG. 17 is a rear elevation view of the ballast shown in FIG. 15;

FIG. 18 is a right side view of the ballast shown in FIG. 15;

FIG. 19 is a left side view of the ballast shown in FIG. 15;

FIG. 20 is a top plan view of the ballast shown in FIG. 15;

FIG. 21 is a bottom plan view of the ballast shown in FIG. 15;

FIG. 22 is a perspective view of a fourth embodiment of a ballast, stippled for a contrasted color, showing my new design;

FIG. 23 is a front elevation view of the ballast shown in FIG. 22;

FIG. 24 is a rear elevation view of the ballast shown in FIG. 22;

FIG. 25 is a right side view of the ballast shown in FIG. 22;

FIG. 26 is a left side view of the ballast shown in FIG. 22;
FIG. 27 is a top plan view of the ballast shown in FIG. 22;
and,
FIG. 28 is a bottom plan view of the ballast shown in FIG.
22.

The broken lines in the drawings illustrate portions of the ballast which form no part of the claimed design.

The stippling or lining shown in the drawings illustrate portions of the ballast to which color or surface treatment forms a part of the claimed design, and the stippling or lining itself forms no part of the claimed design.

1 Claim, 20 Drawing Sheets

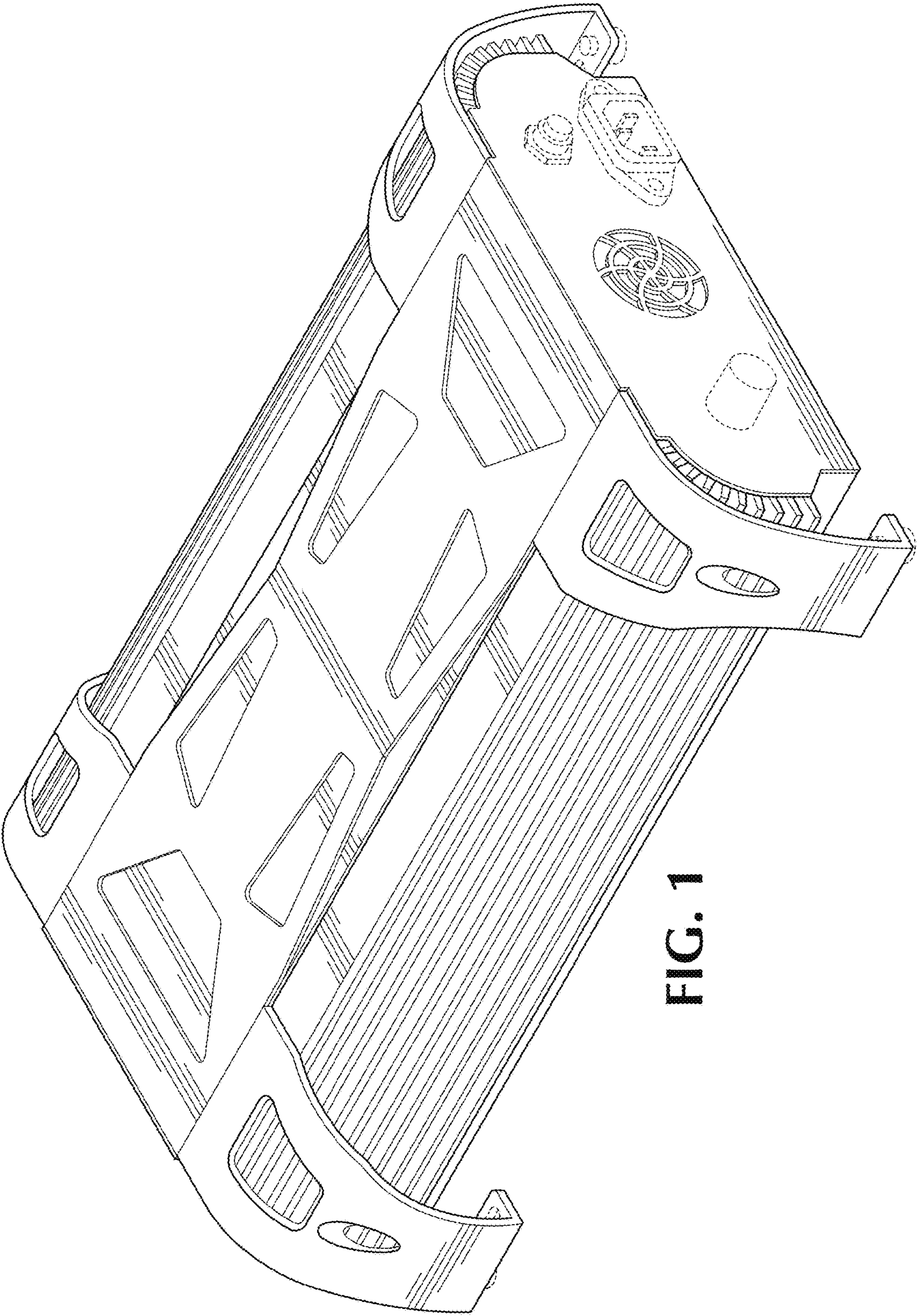


FIG. 1

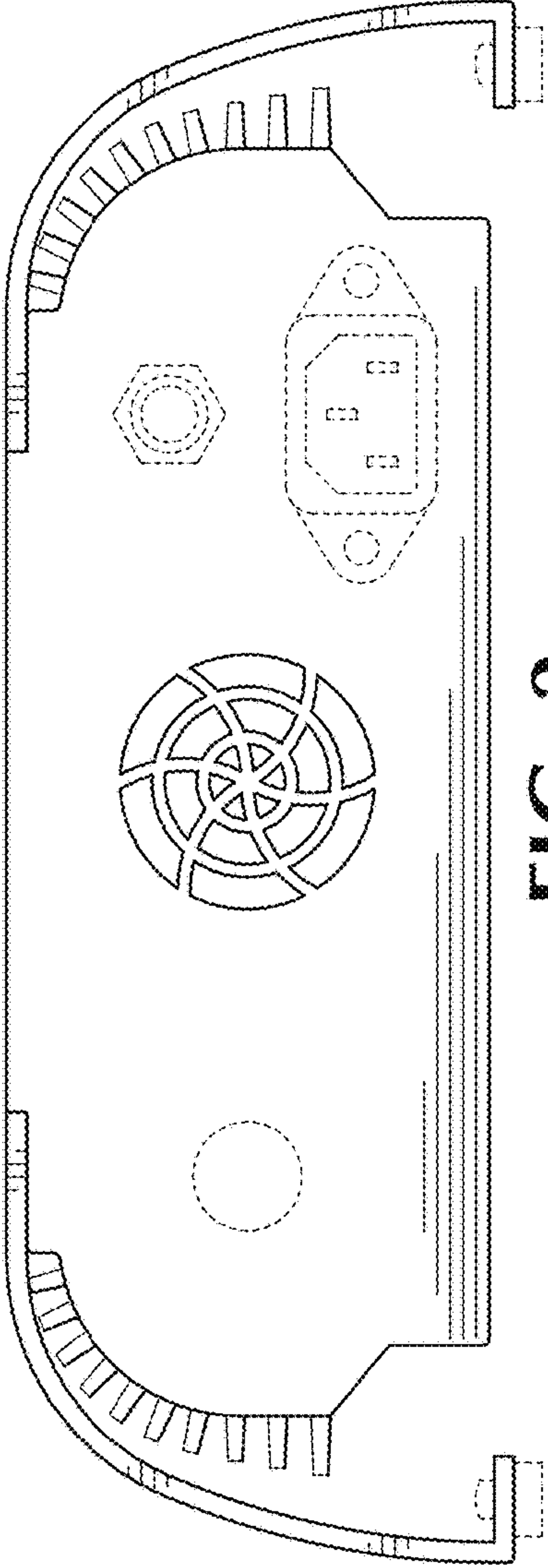


FIG. 2

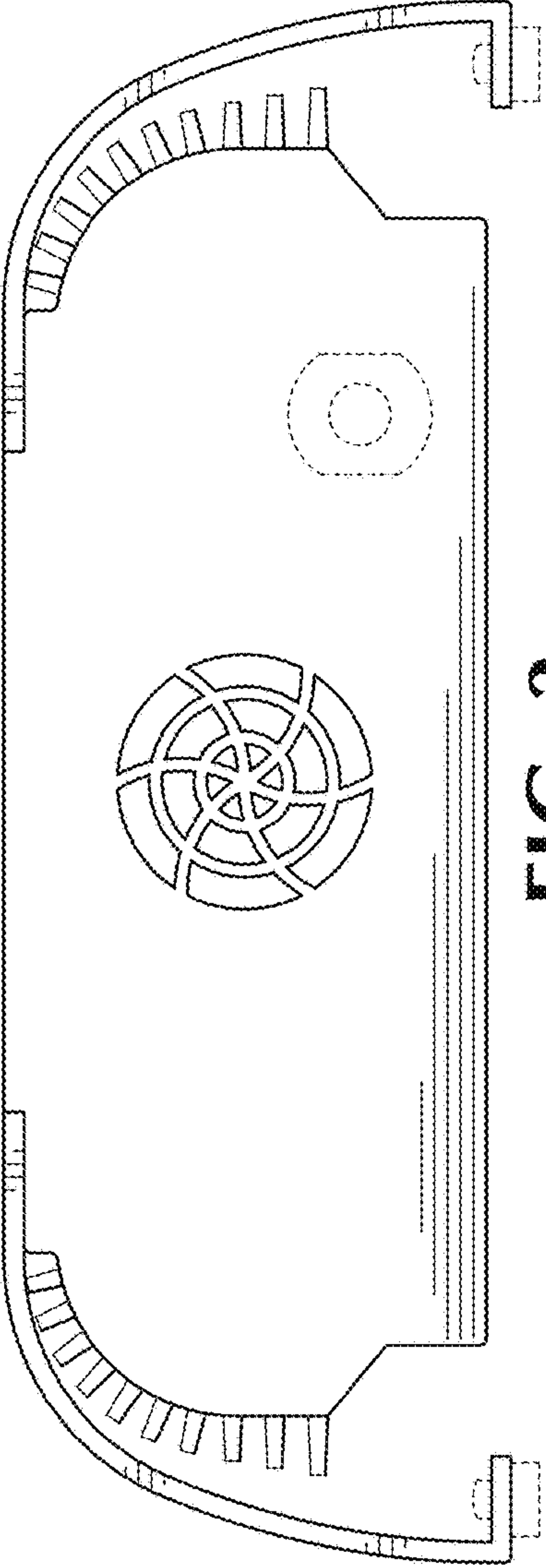


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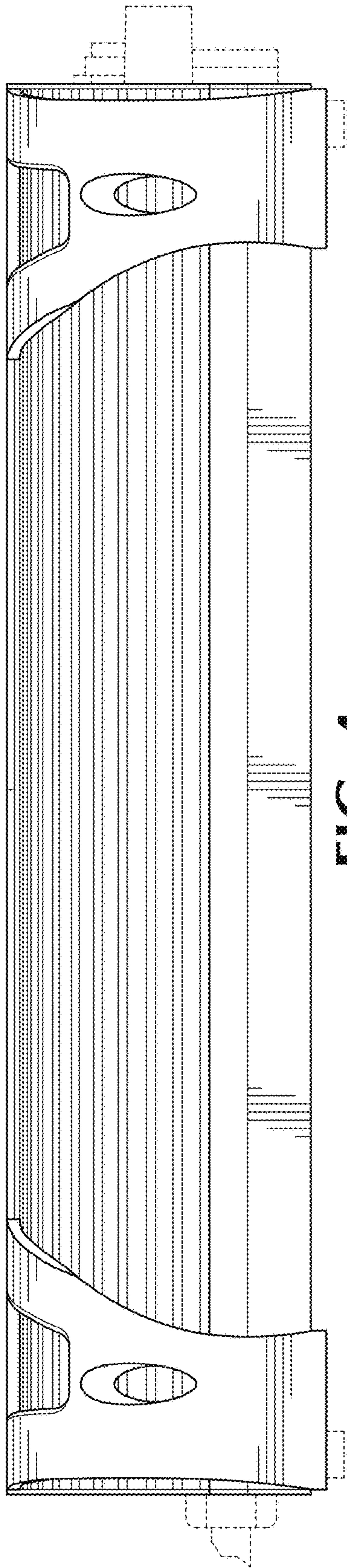


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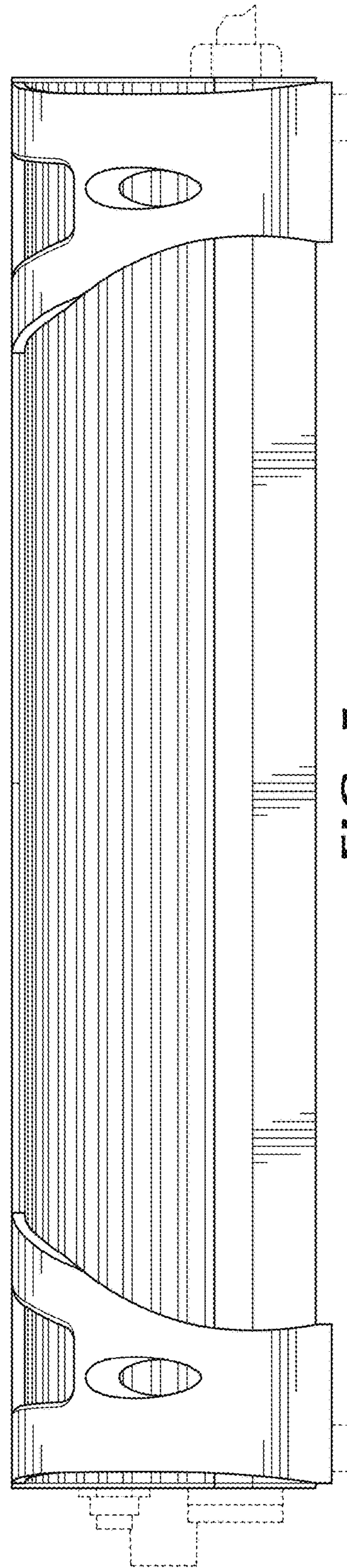


FIG. 5

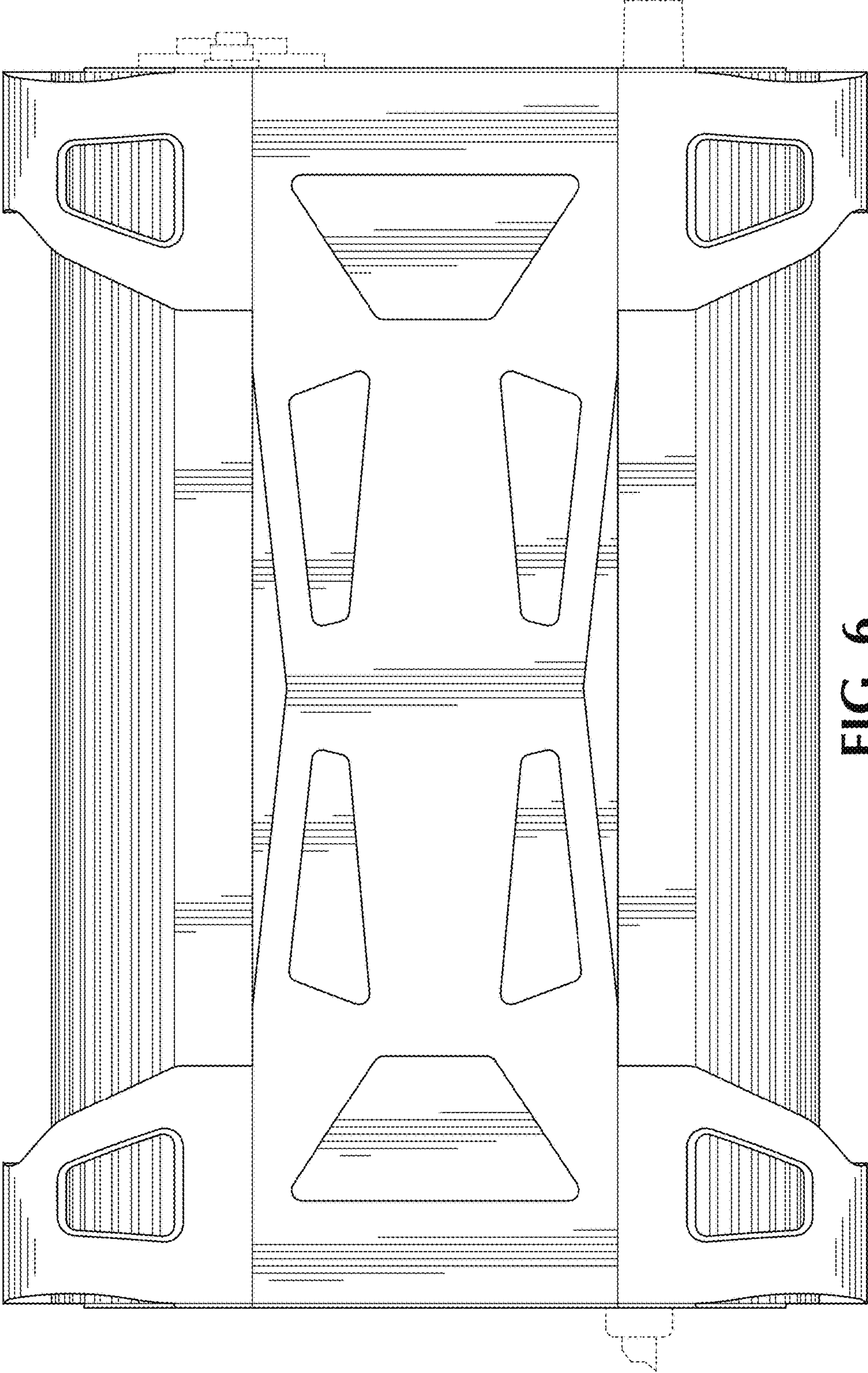


FIG. 6

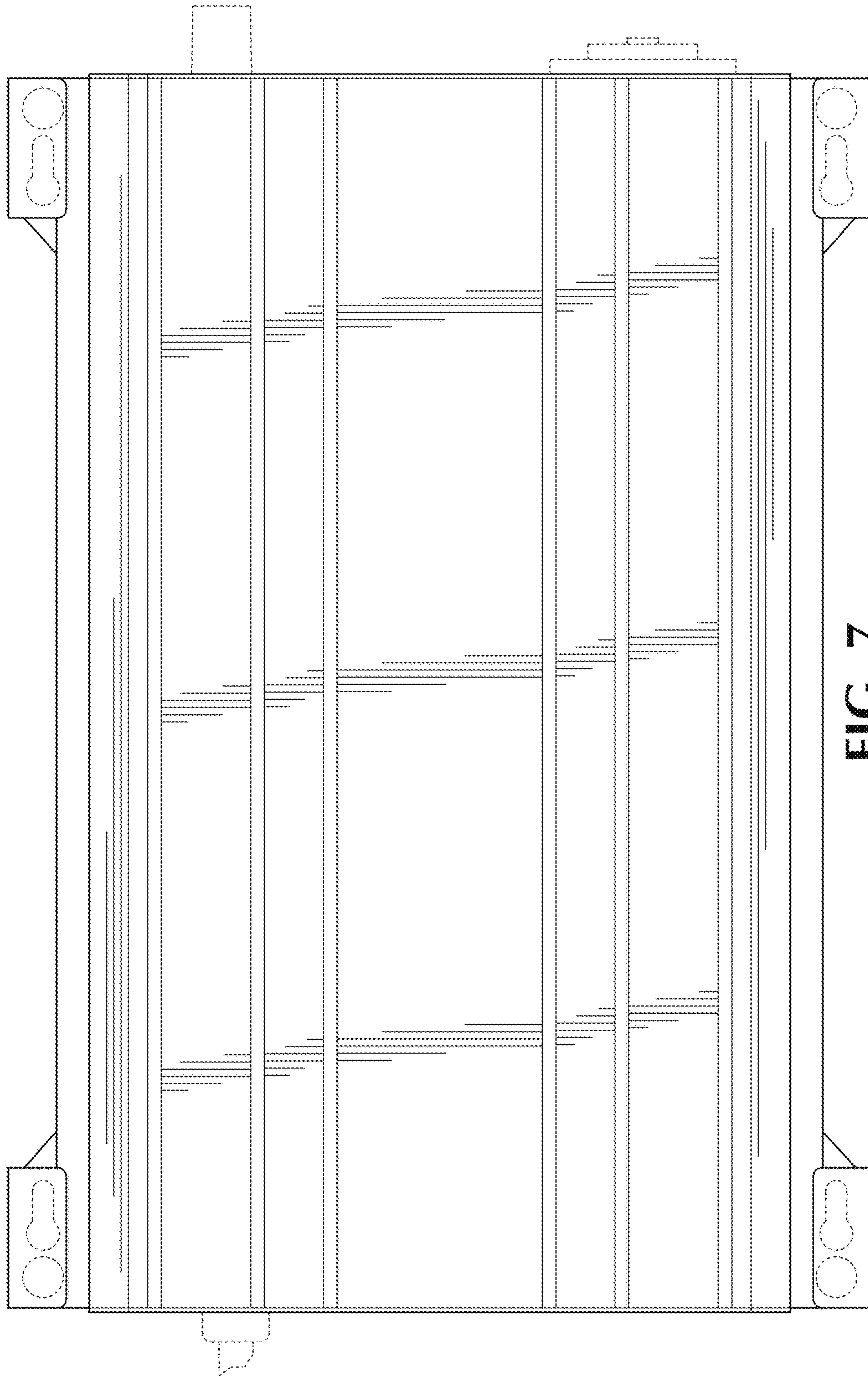


FIG. 7

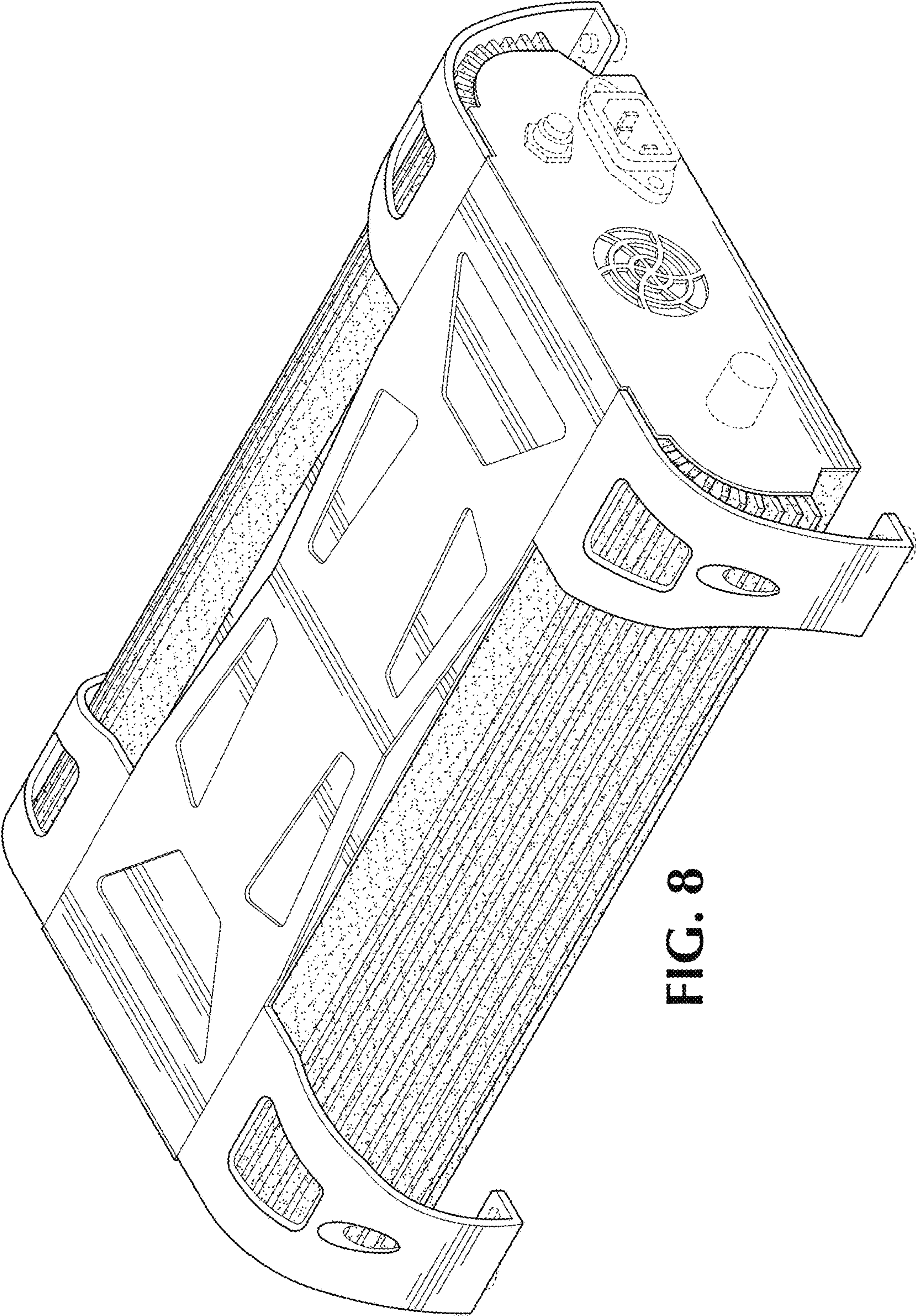


FIG. 8

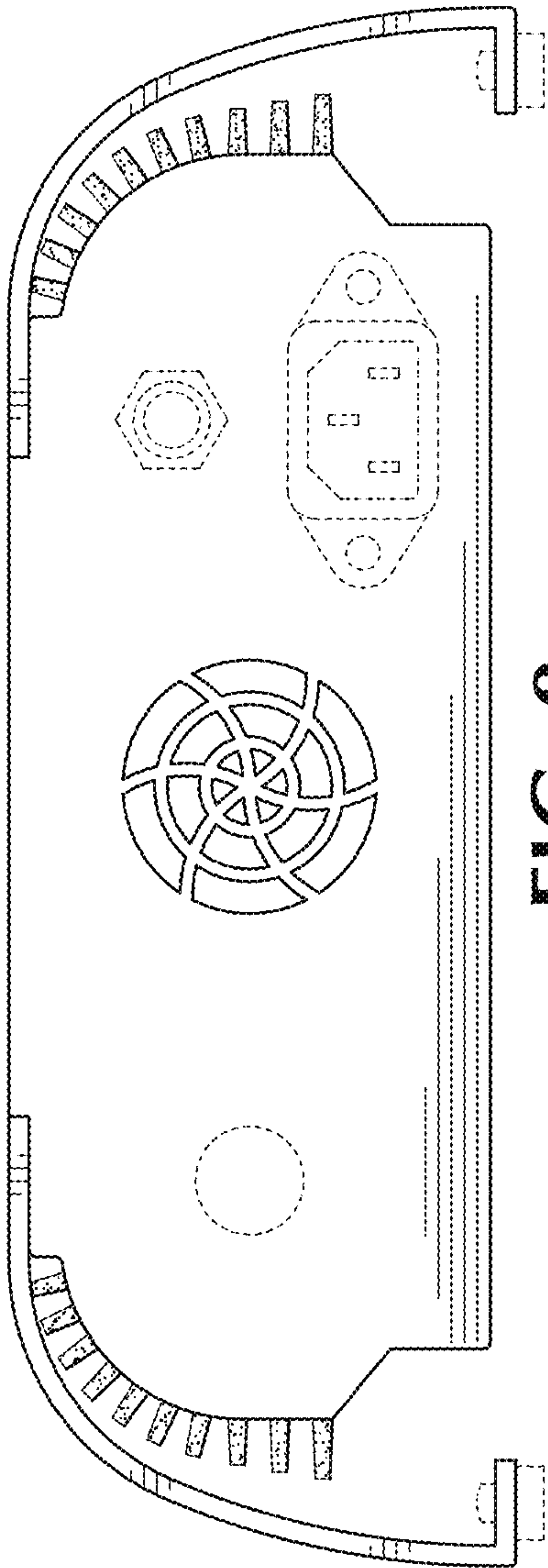


FIG. 9

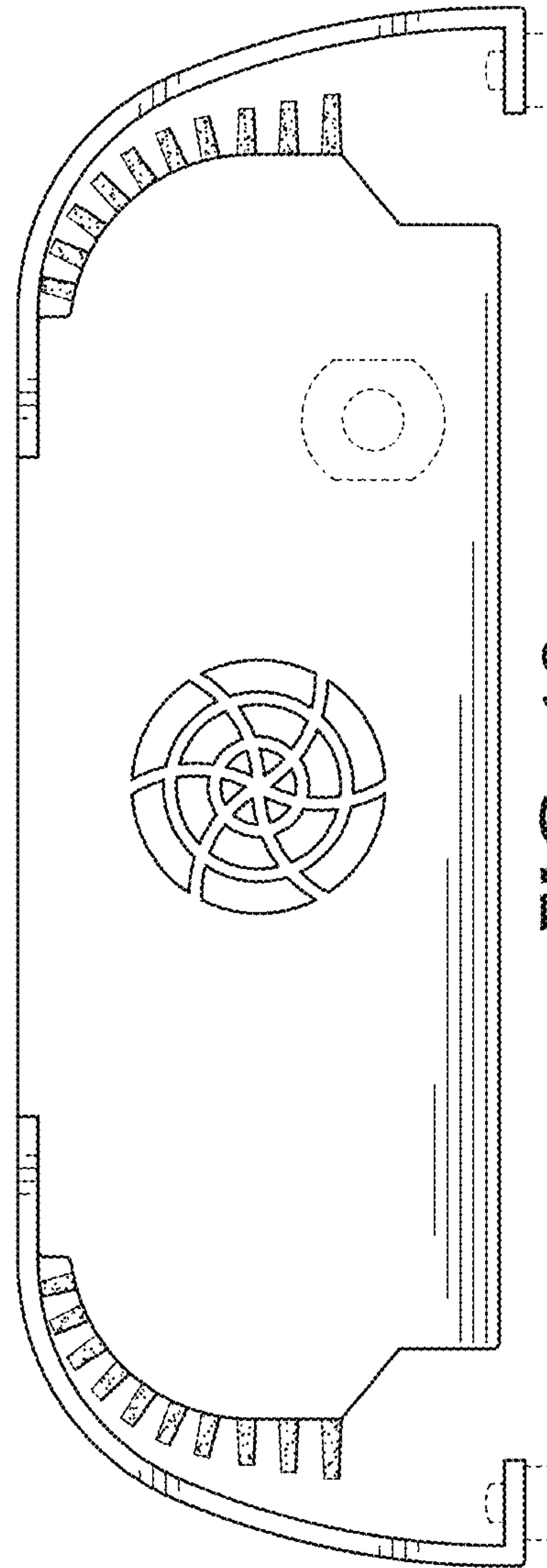


FIG. 10

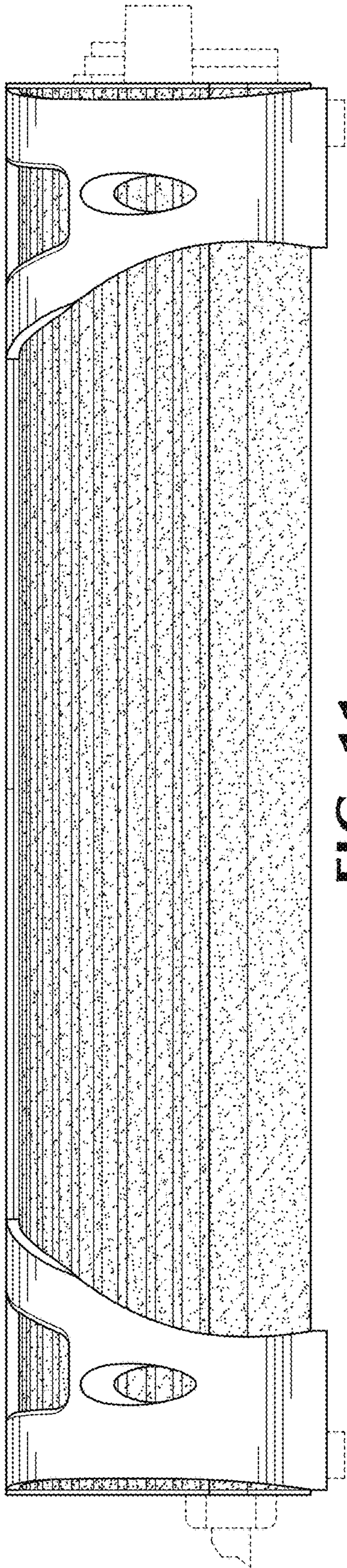


FIG. 11

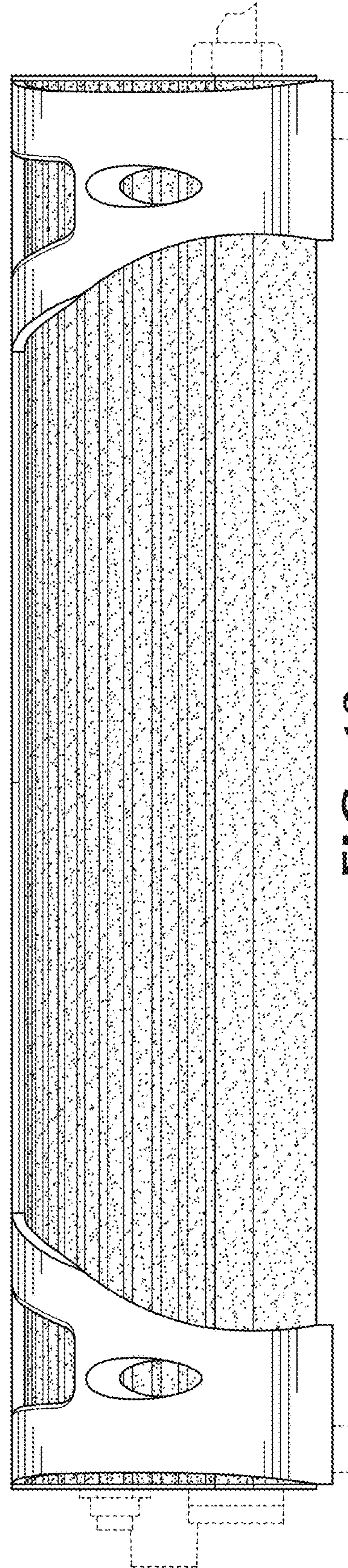


FIG. 12

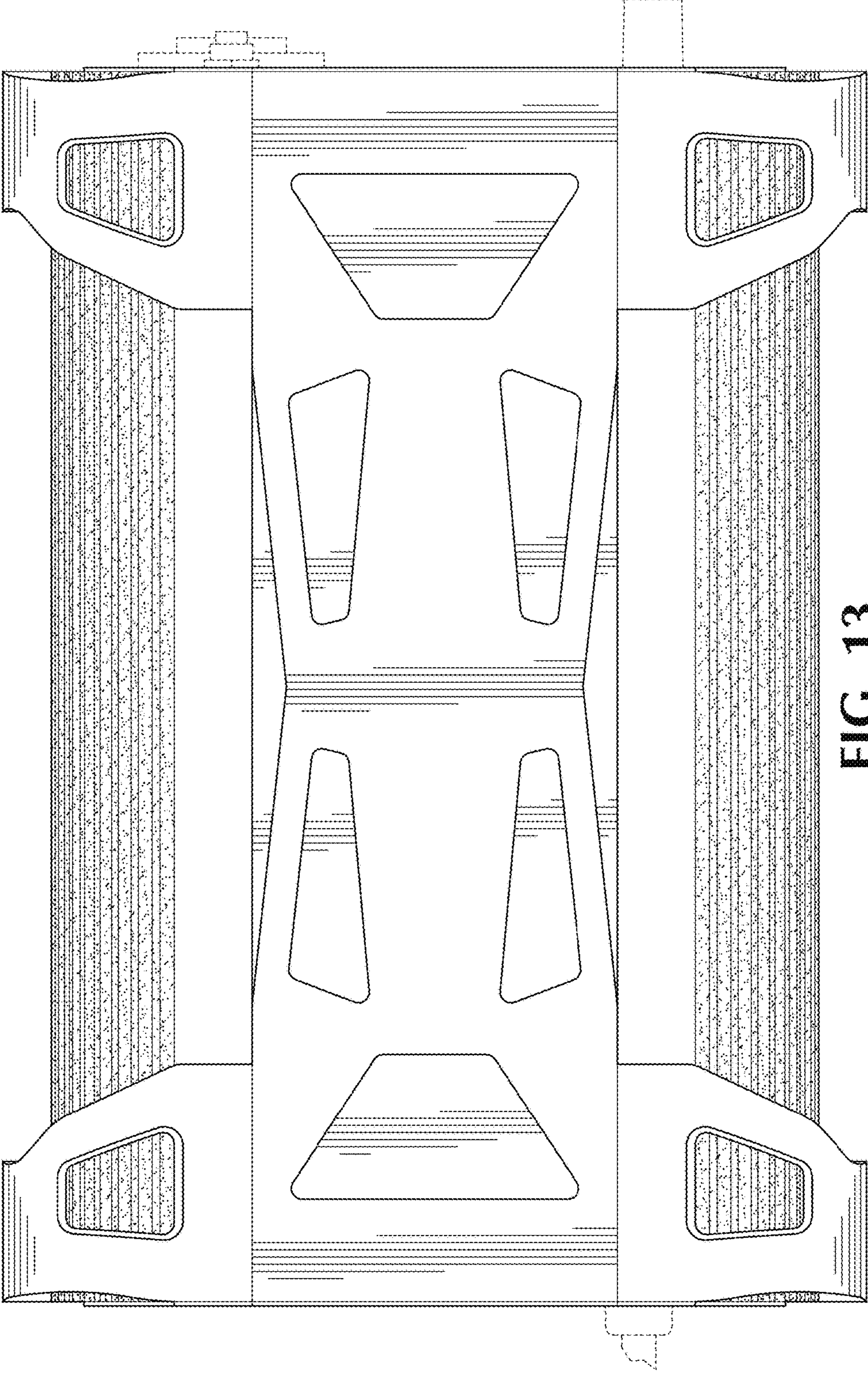


FIG. 13

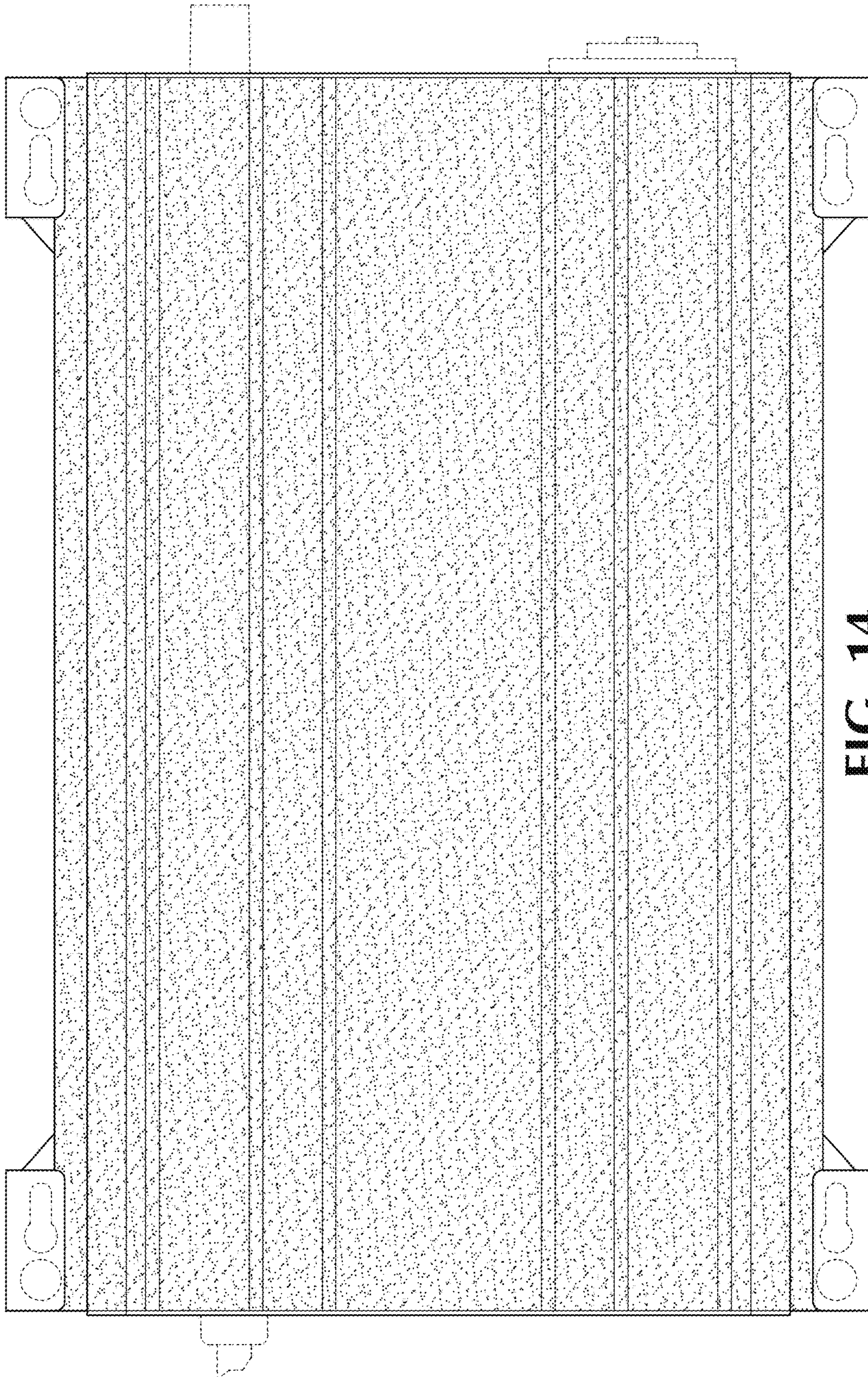


FIG. 14

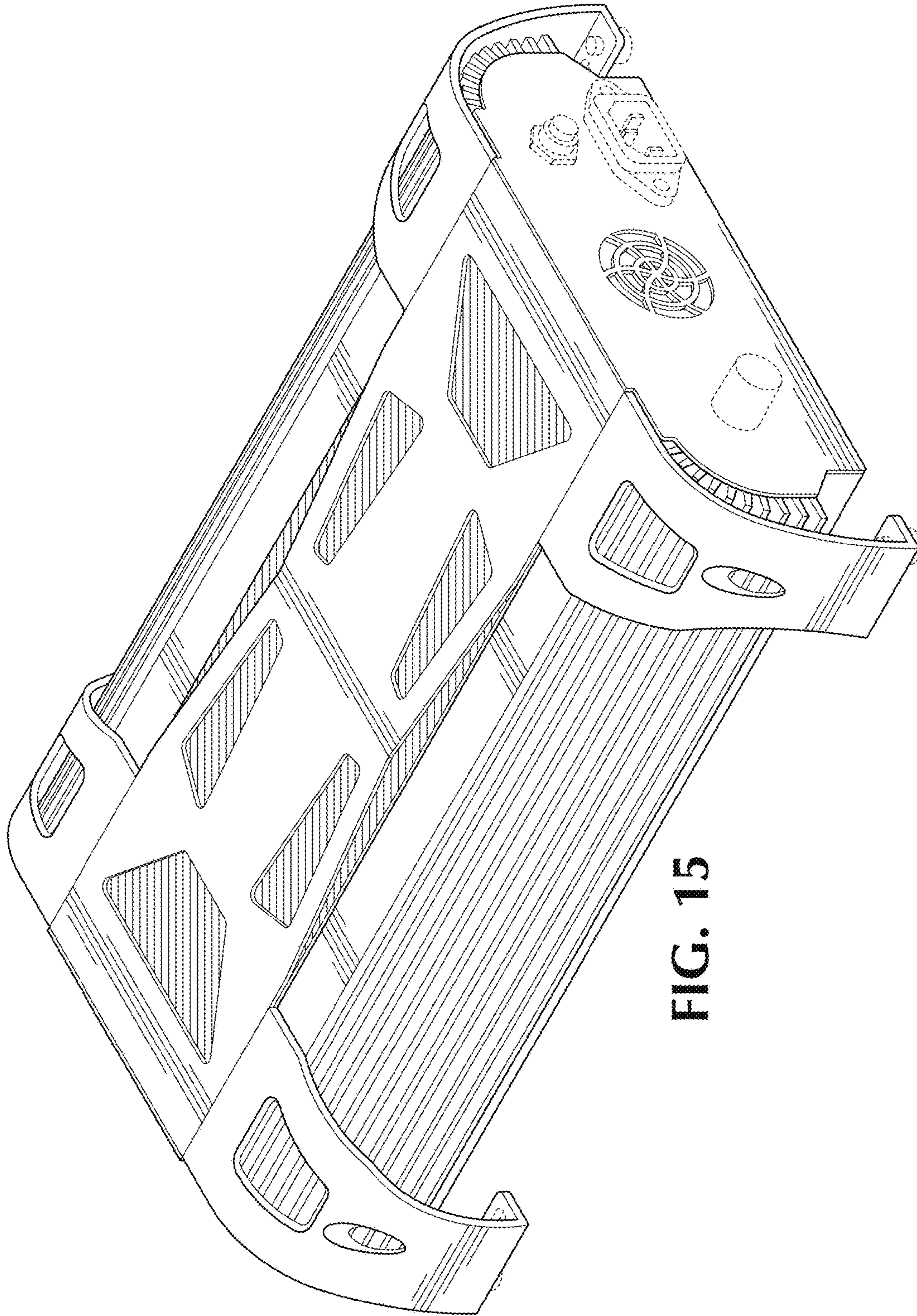


FIG. 15

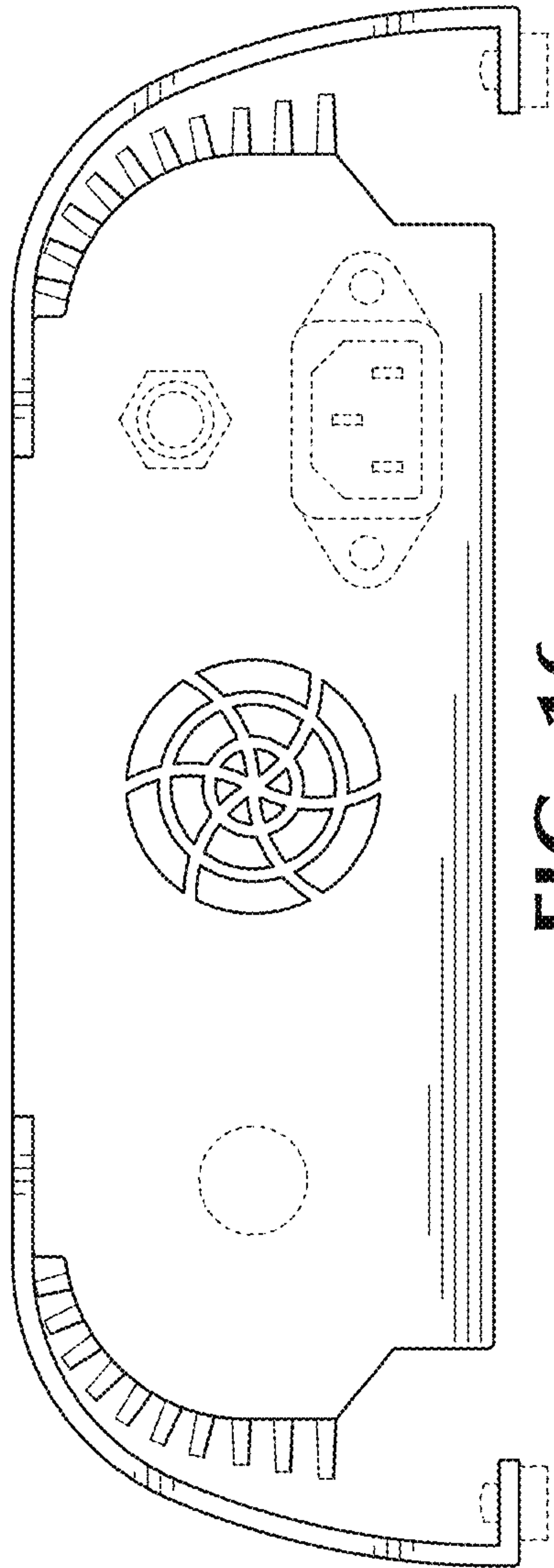


FIG. 16

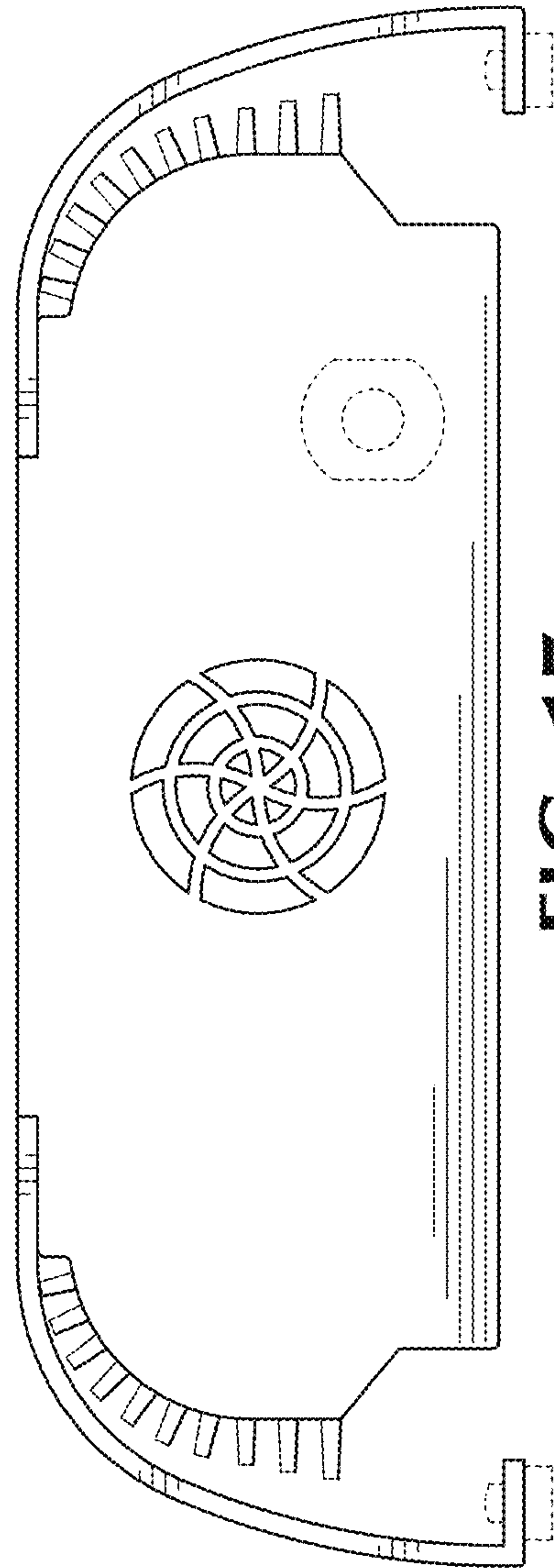


FIG. 17

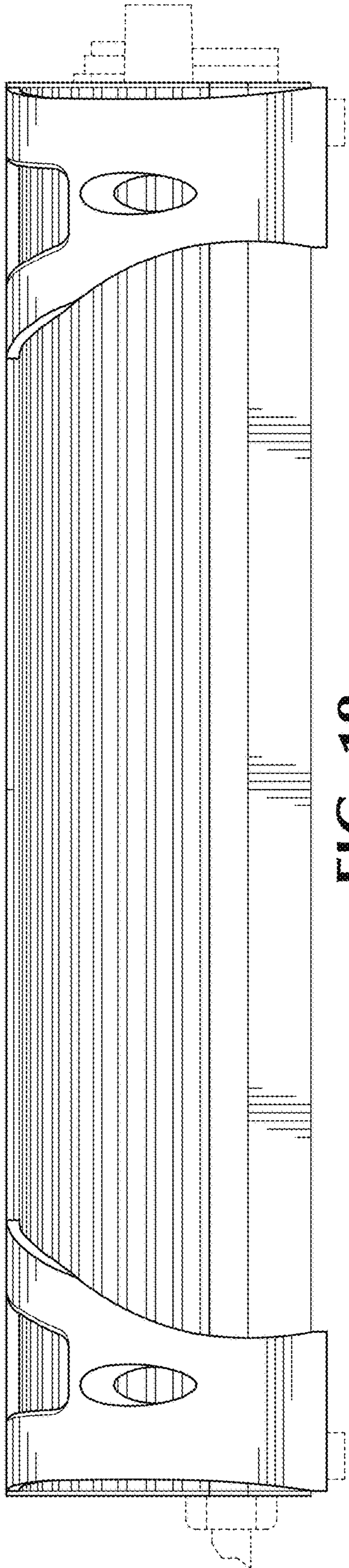


FIG. 18

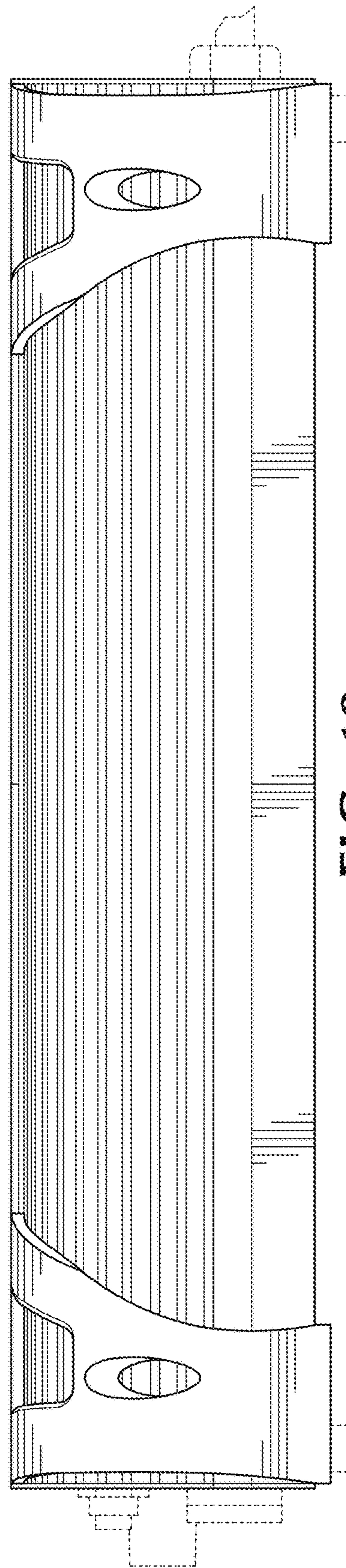


FIG. 19

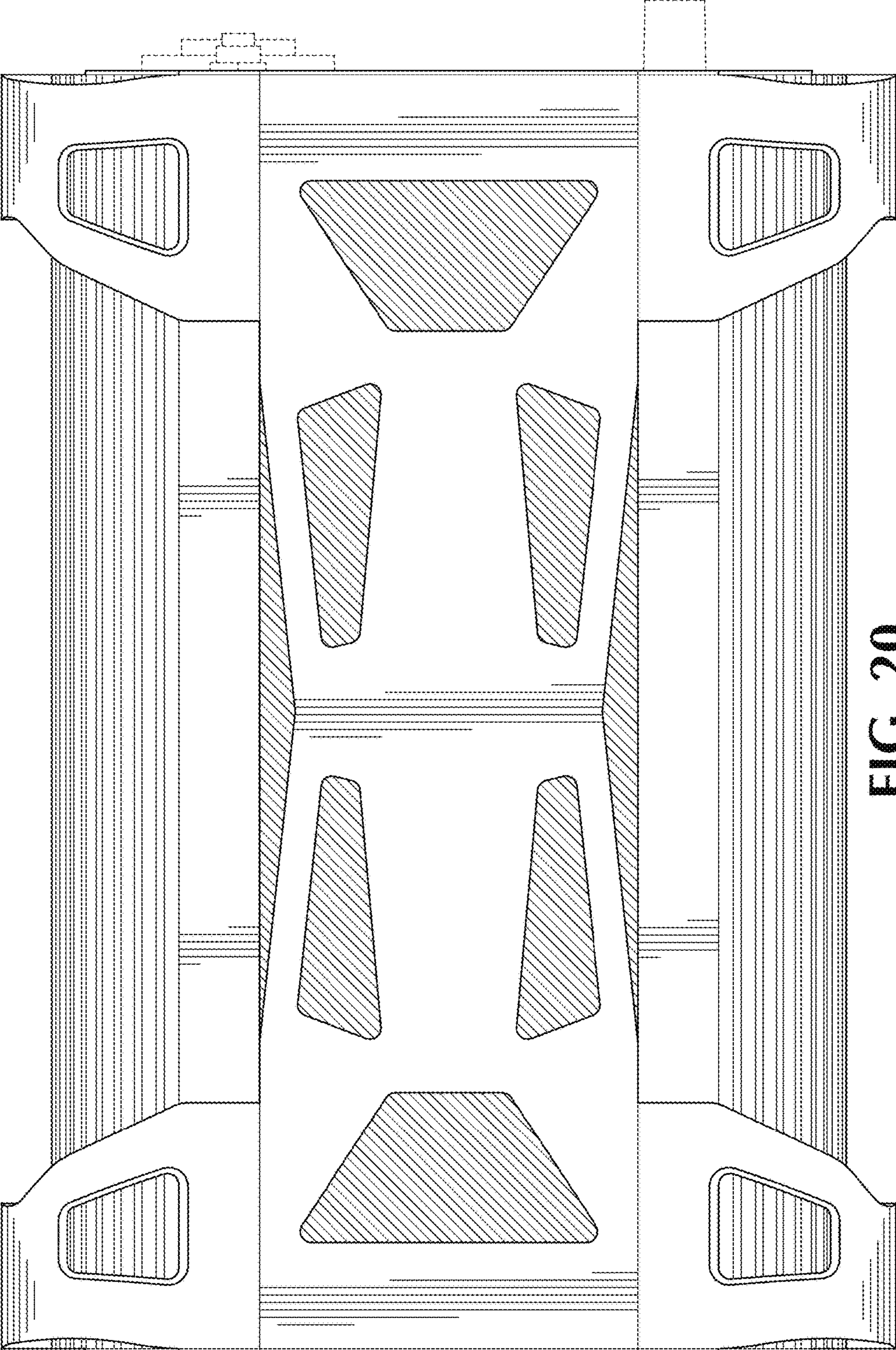


FIG. 20

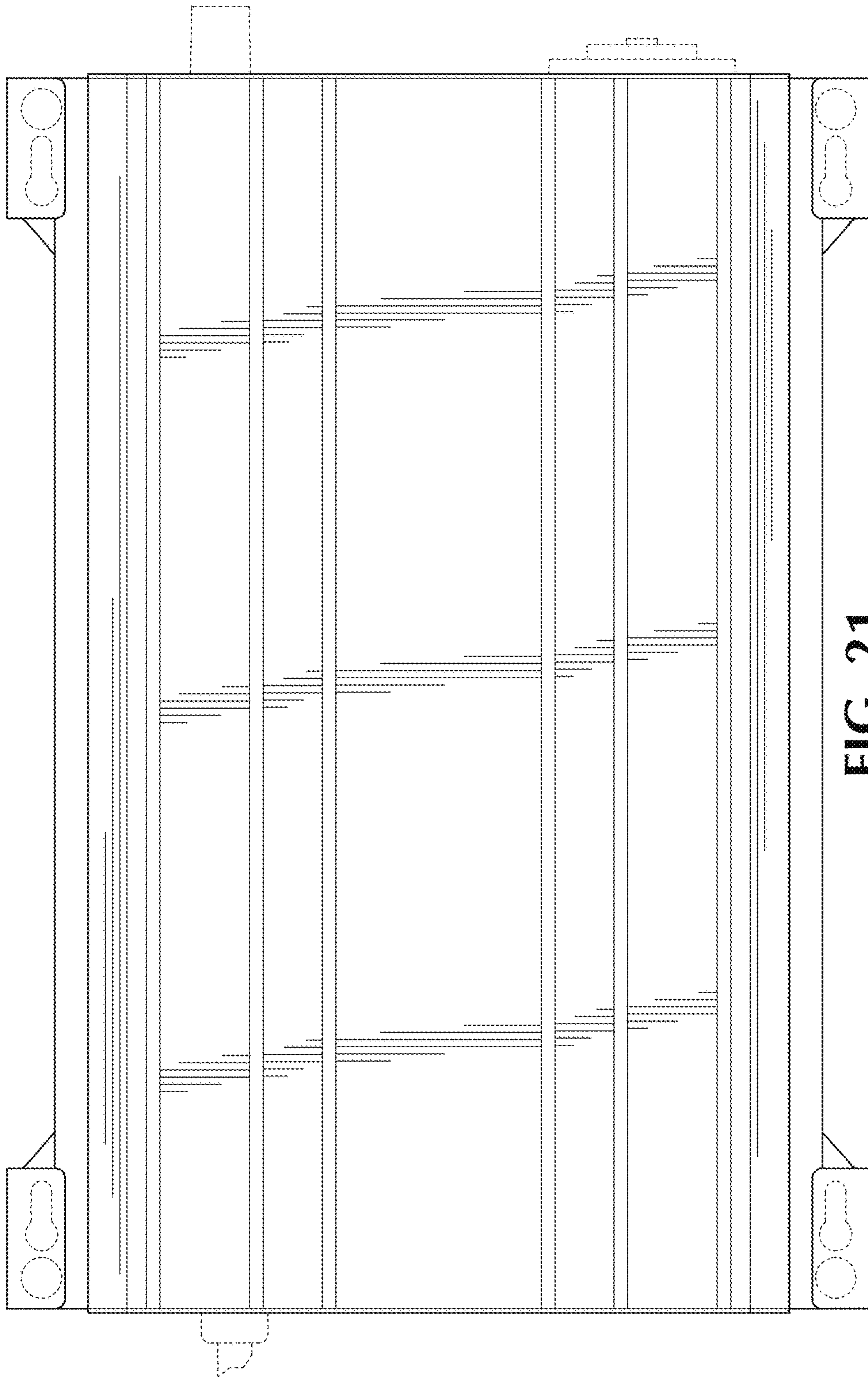


FIG. 21

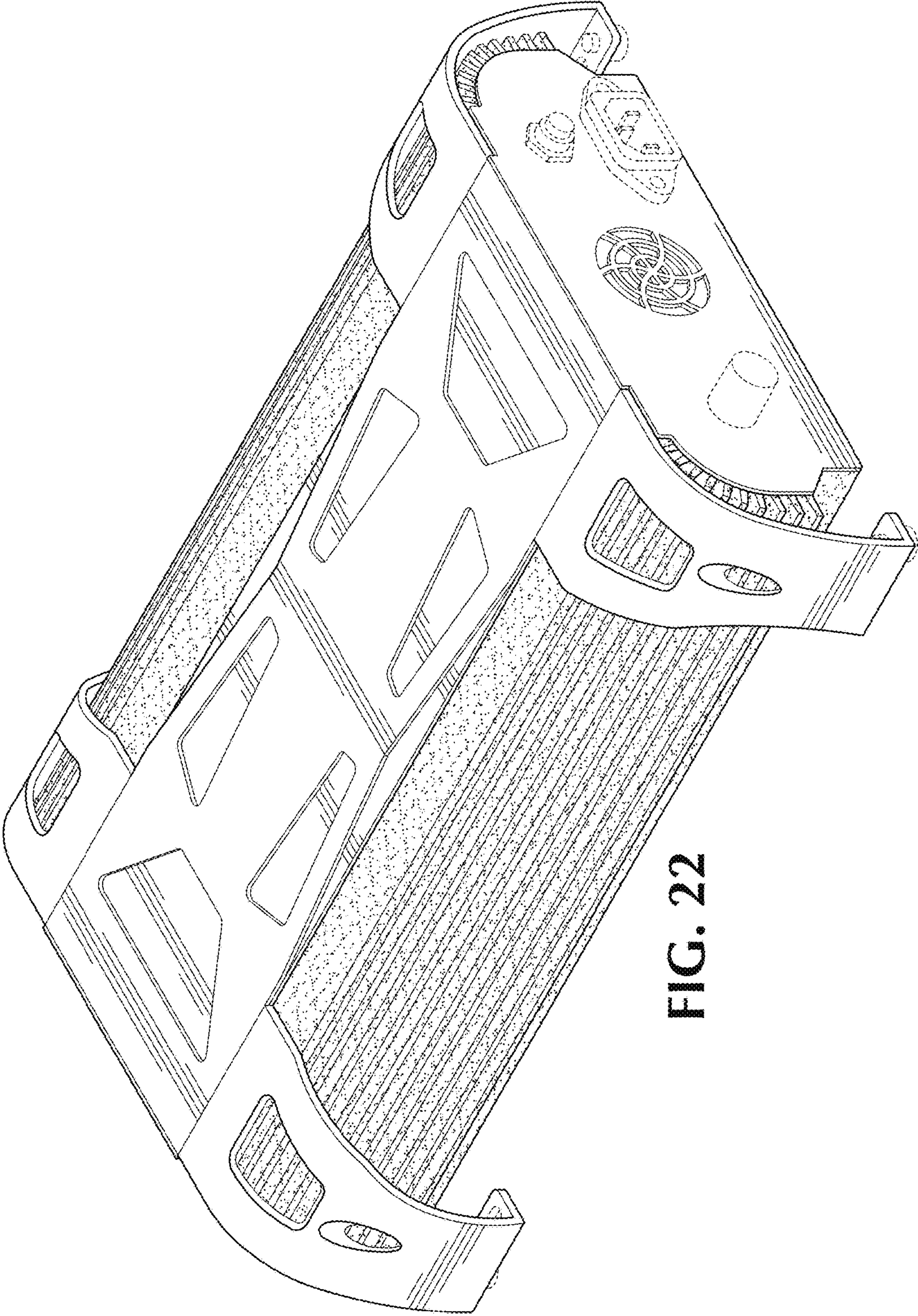


FIG. 22

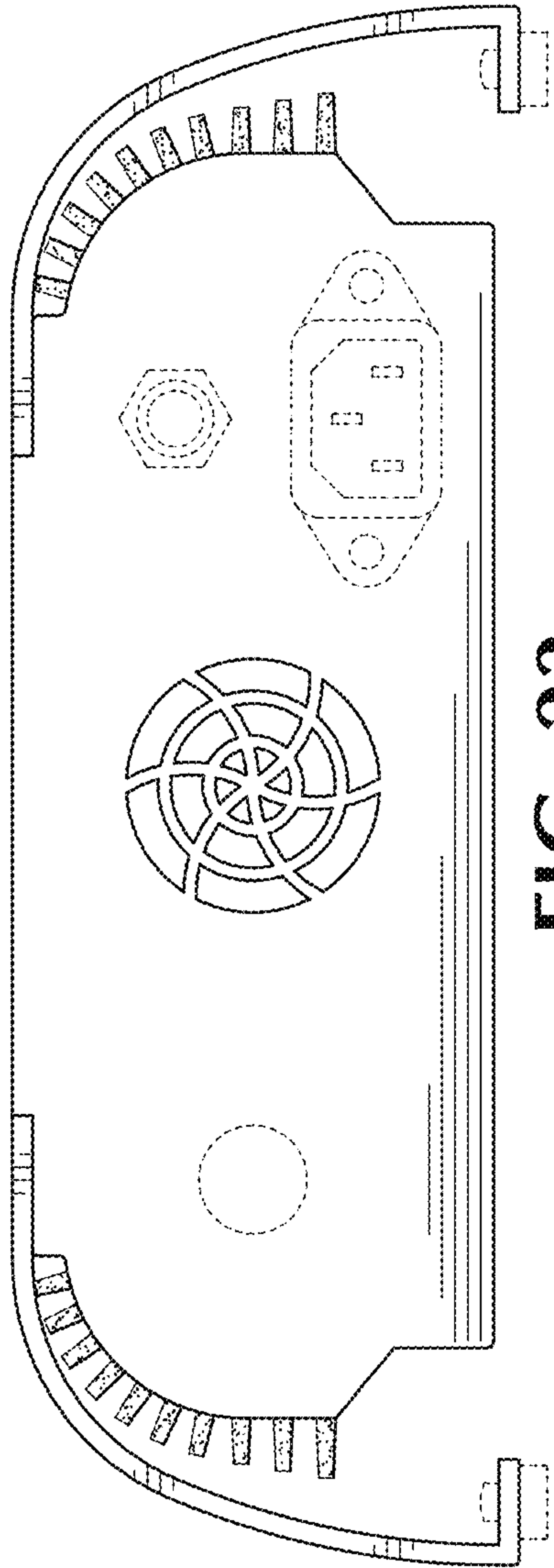


FIG. 23

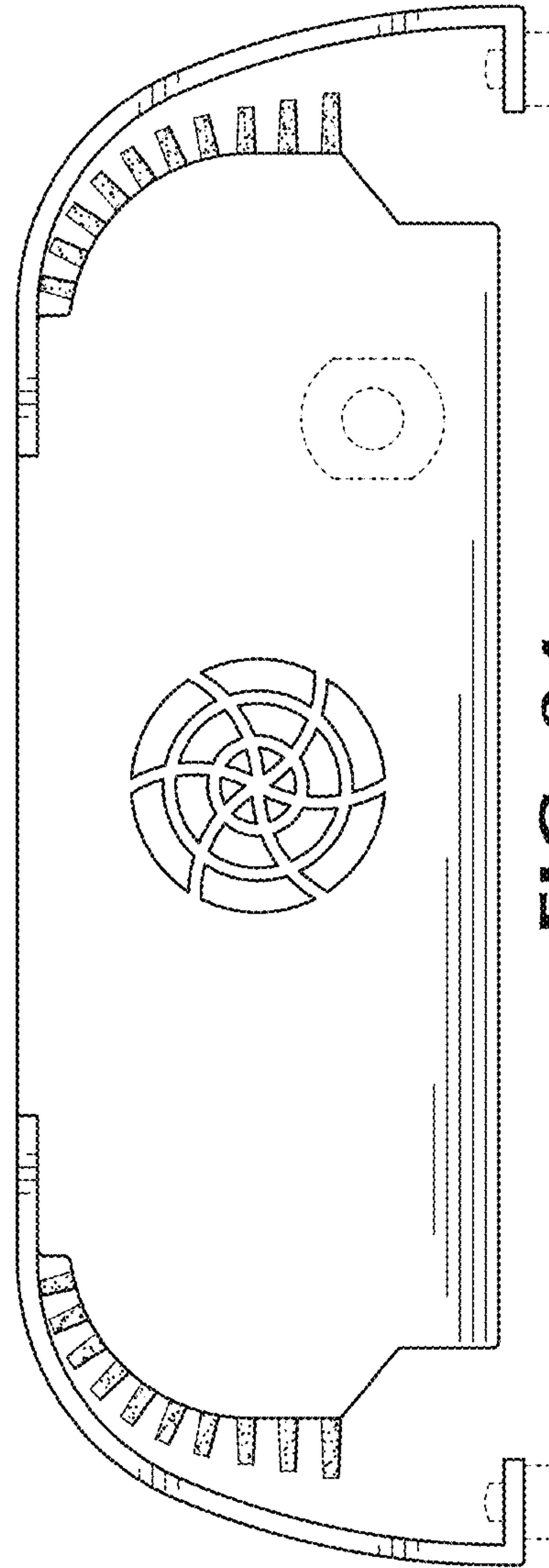


FIG. 24

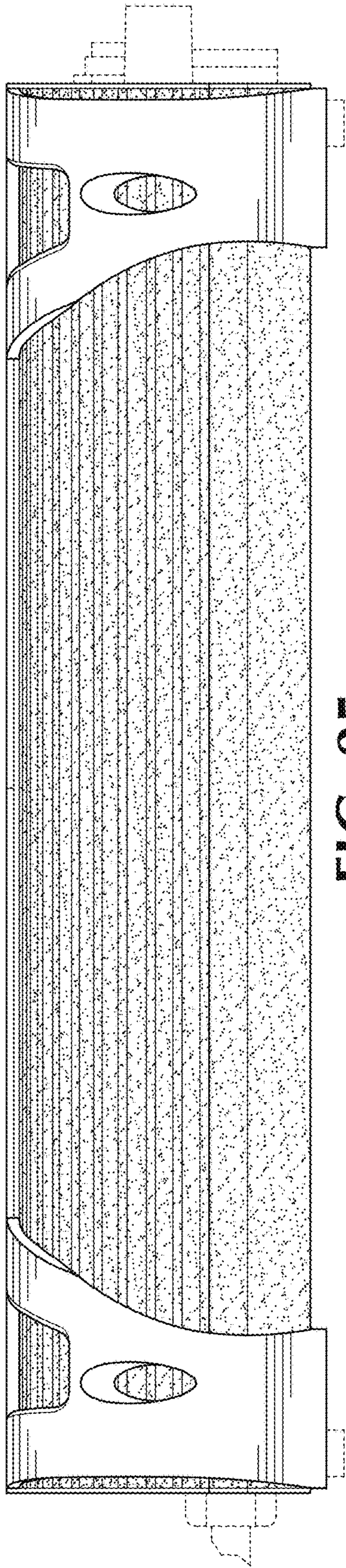


FIG. 25

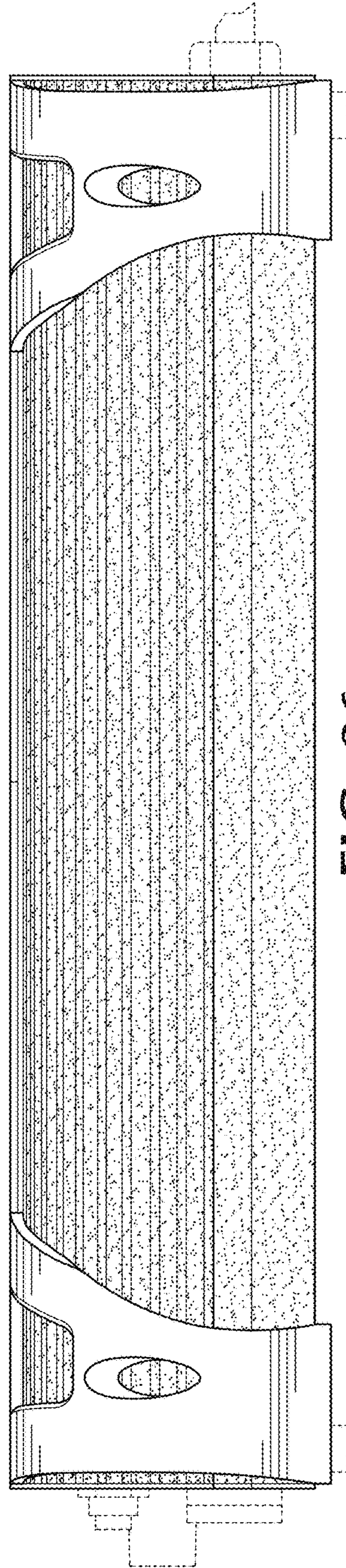


FIG. 26

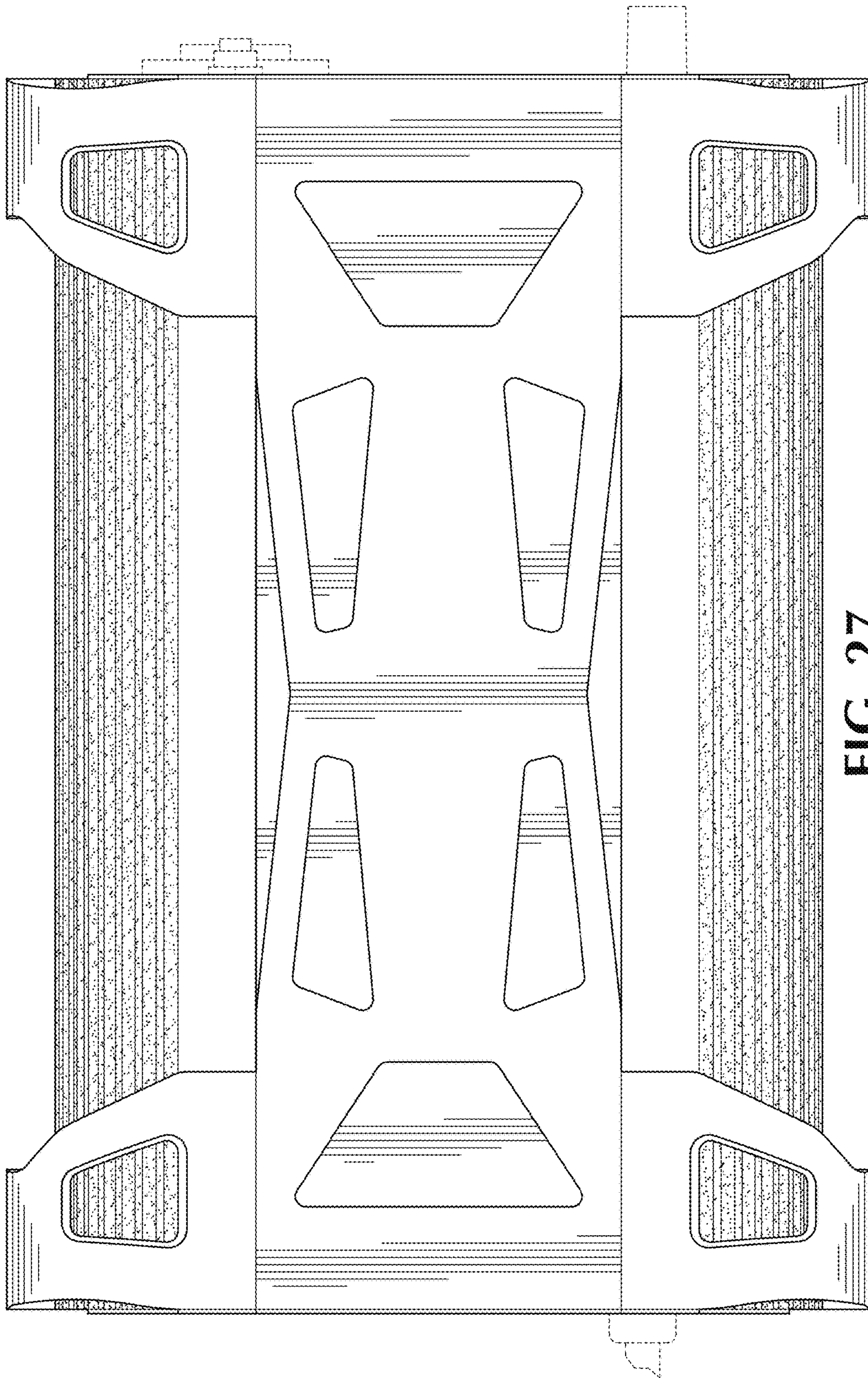


FIG. 27

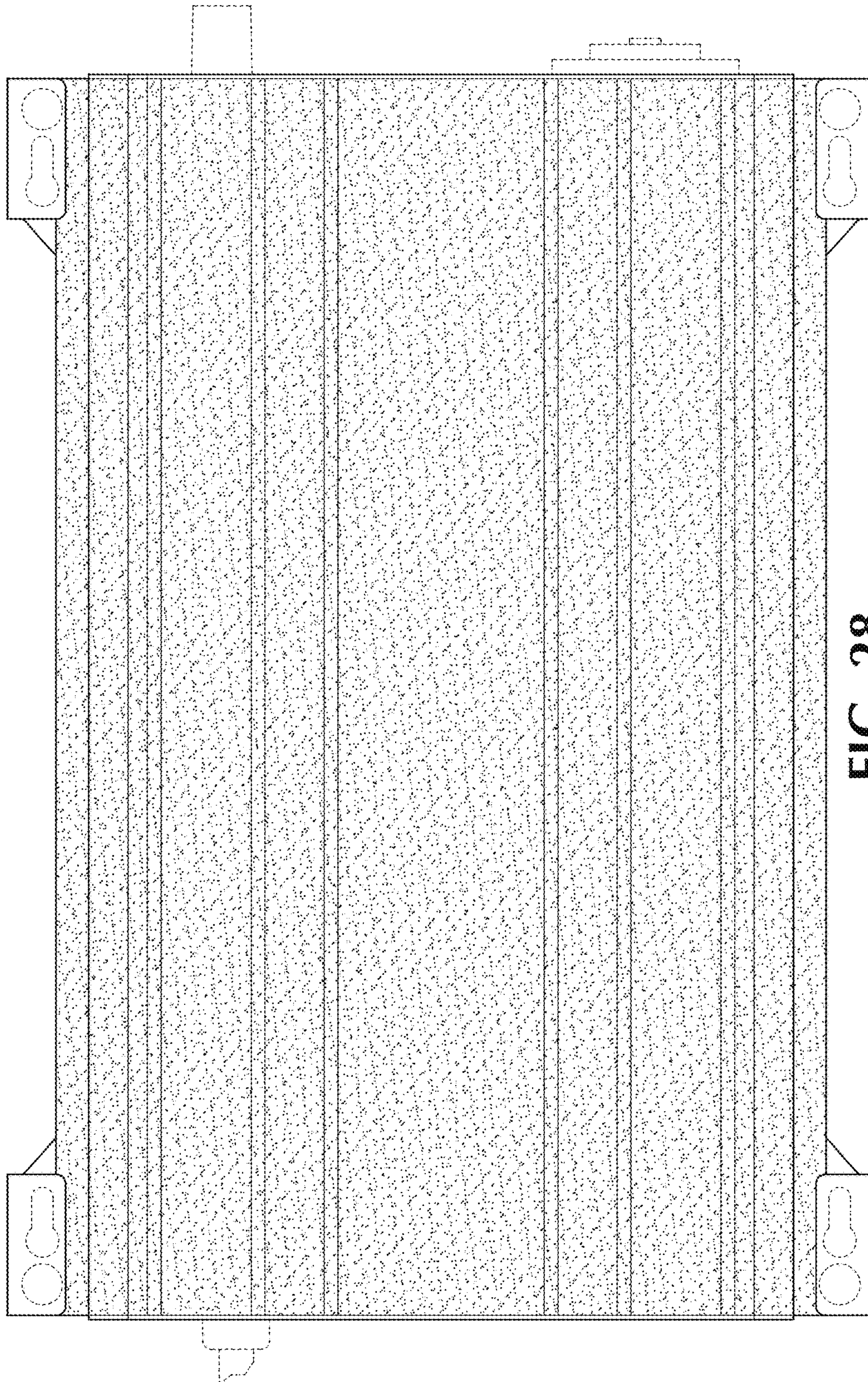


FIG. 28