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

(10) **Patent No.:** **US D762,568 S**  
(45) **Date of Patent:** **\*\* Aug. 2, 2016**

- (54) **BATTERY CHARGER**
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- (73) Assignee: **Horizon Hobby, LLC**, Champaign, IL (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/471,654**
- (22) Filed: **Nov. 4, 2013**
- (51) **LOC (10) Cl.** ..... **13-02**
- (52) **U.S. Cl.**  
USPC ..... **D13/107**
- (58) **Field of Classification Search**  
USPC ..... D13/102-106, 110, 118-119, 184,  
D13/107-108; D14/96-100, 163, 176;  
320/107-115; 429/96-100, 163, 176  
CPC ..... Y02E 60/12; Y02E 60/122; Y02E 60/124;  
Y02E 60/50; H01M 2/02; H01M 2/022;  
H01M 2/0202; H01M 2/0207; H01M 2/0212;  
H01M 2/1061; H01M 2/1022; H01M 2/1055;  
H01M 2/1066; H01M 2/105; H01M 2/204;  
H01M 10/4257; H01M 10/0436; H01M 10/48;  
H01M 10/44; H01M 10/46; H01M 10/465;  
H01M 10/482; H01M 2200/30; H01M  
2250/30; H01M 2250/40; H02J 7/00; H02J  
7/0003; H02J 7/0011; H02J 7/0013; H02J  
7/0054; H02J 7/0055; H02J 7/0057; H02J  
2007/0062  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D177,699 S \* 5/1956 Schultz ..... D10/103
- D225,581 S \* 12/1972 Danti ..... D13/110
- D239,934 S \* 5/1976 Jack ..... D10/75
- D264,961 S \* 6/1982 Oxenreider ..... 429/163
- 4,595,641 A \* 6/1986 Giurtino ..... A61N 1/378  
429/1

- D325,204 S \* 4/1992 Ito ..... D14/162
- 5,375,226 A \* 12/1994 Sano ..... G06F 1/1626  
345/169
- D367,052 S \* 2/1996 Ito ..... D14/162
- D400,877 S \* 11/1998 Miyazaki ..... D14/167
- D408,820 S \* 4/1999 Ito ..... D14/217
- D411,530 S \* 6/1999 Carter ..... D14/217

(Continued)

**OTHER PUBLICATIONS**

Ultra Micro4, [online], [site visited Mar. 8, 2015]. Available from Internet, <URL:http://www.horizonhobby.com/ultra-micro-4--4x9w--ac-dc-battery-charger-p-eflc1105a>.\*

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(57) **CLAIM**

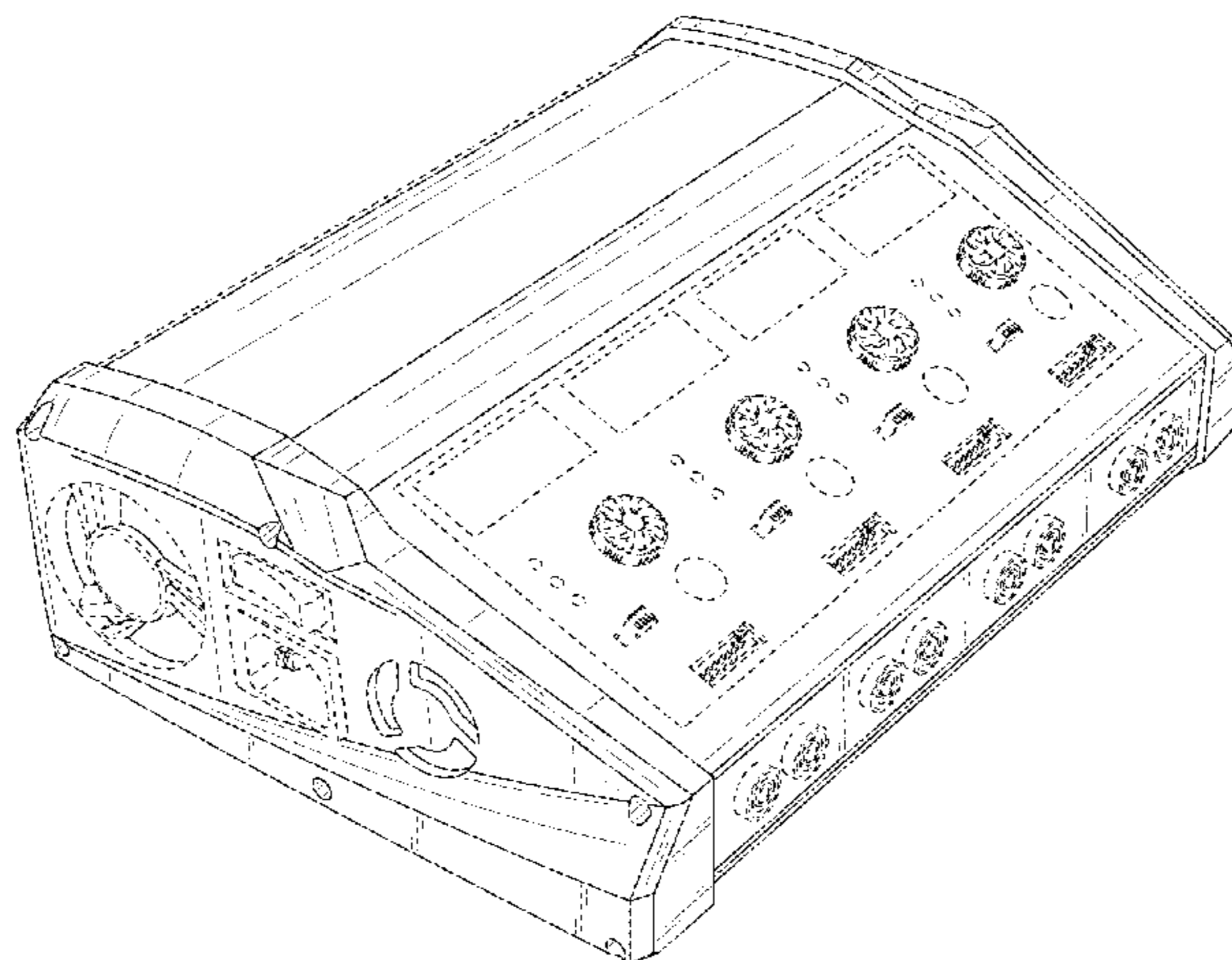
The ornamental design for a battery charger, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a battery charger;  
 FIG. 2 is a front view thereof;  
 FIG. 3 is a rear view thereof;  
 FIG. 4 is a left side view thereof;  
 FIG. 5 is a right side view thereof;  
 FIG. 6 is a top view thereof;  
 FIG. 7 is a bottom view thereof;  
 FIG. 8 is a perspective view of a battery charger, according to an alternate embodiment;  
 FIG. 9 is a front view thereof;  
 FIG. 10 is a rear view thereof;  
 FIG. 11 is a left side view thereof;  
 FIG. 12 is a right side view thereof;  
 FIG. 13 is a top view thereof; and,  
 FIG. 14 is a bottom view thereof.

The broken lines showing portions of the battery charger in the drawings are included for the purpose of illustrating environmental structure and form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D427,145 S \* 6/2000 Singh ..... D13/107  
D491,554 S \* 6/2004 Amiya ..... D14/217  
D513,731 S \* 1/2006 Kang ..... D13/107  
D540,742 S \* 4/2007 Bell ..... D13/107  
D555,591 S \* 11/2007 Grimes ..... D13/110

D562,231 S \* 2/2008 Osiecki ..... D13/107  
D593,544 S \* 6/2009 Iijima ..... D14/217  
D605,111 S \* 12/2009 Schoch ..... D13/107  
D686,985 S \* 7/2013 Henderson ..... D13/107  
D715,266 S \* 10/2014 Olswang ..... D14/217  
D717,278 S \* 11/2014 Amiya ..... D14/217  
D721,353 S \* 1/2015 Money ..... D14/217  
D743,942 S \* 11/2015 Tschetter ..... D14/217

\* cited by examiner

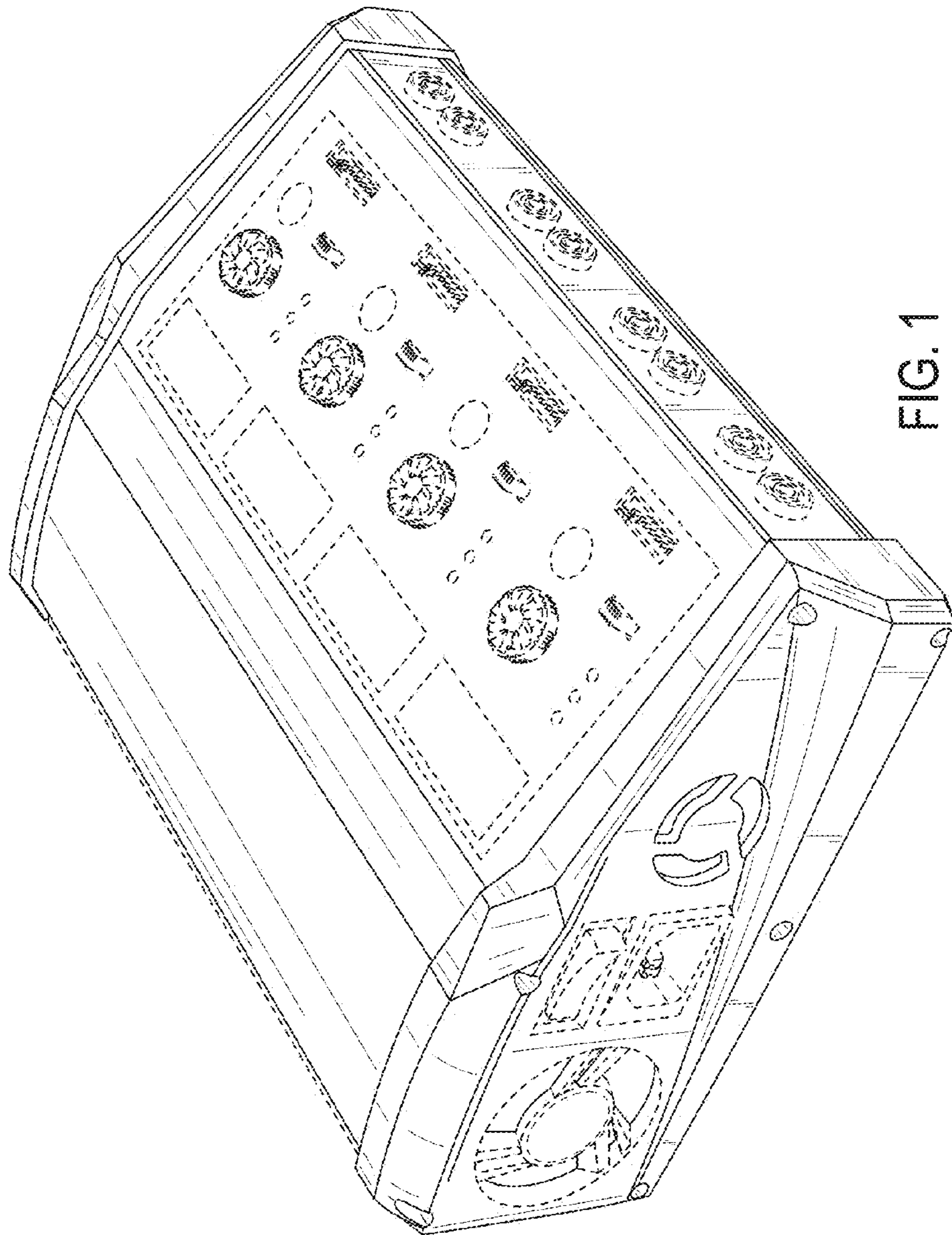


FIG. 1



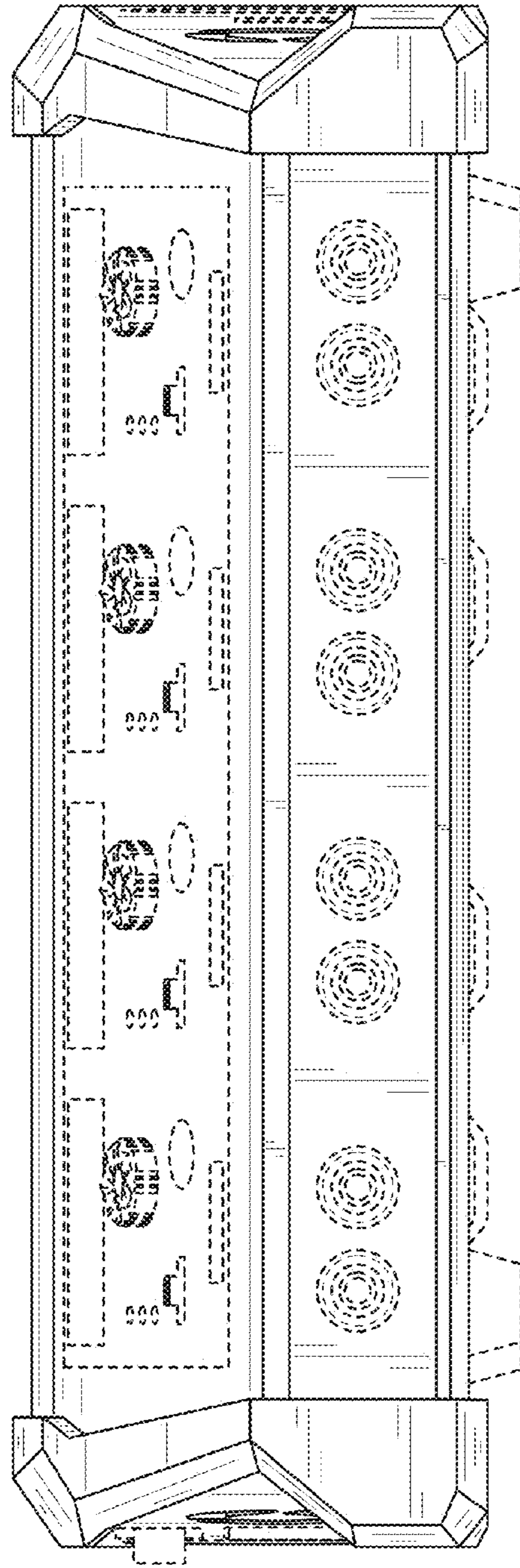


FIG. 2

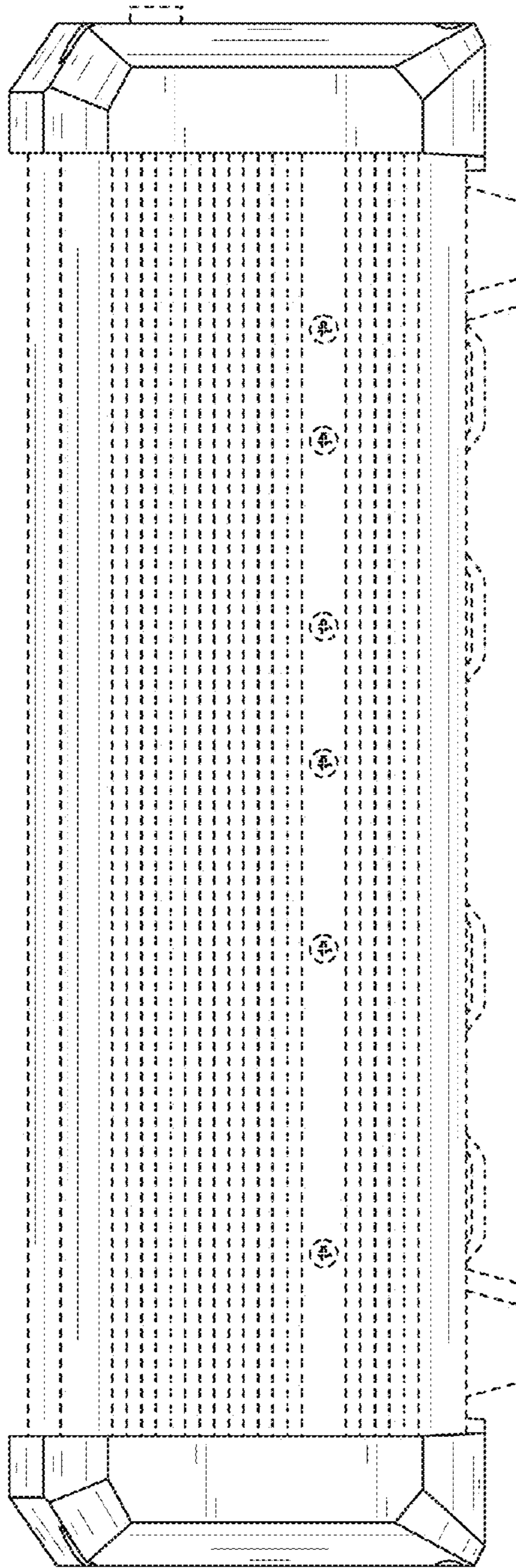


FIG. 3

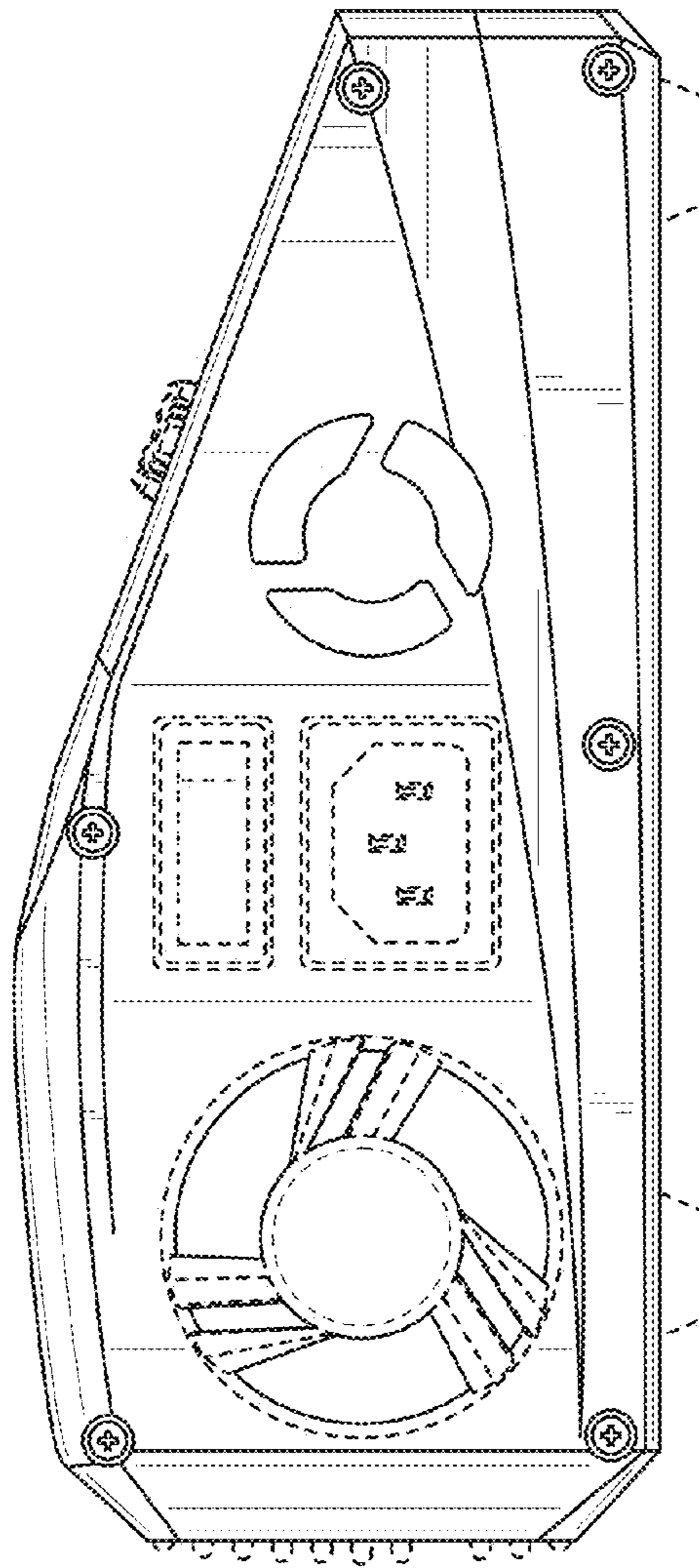


FIG. 4

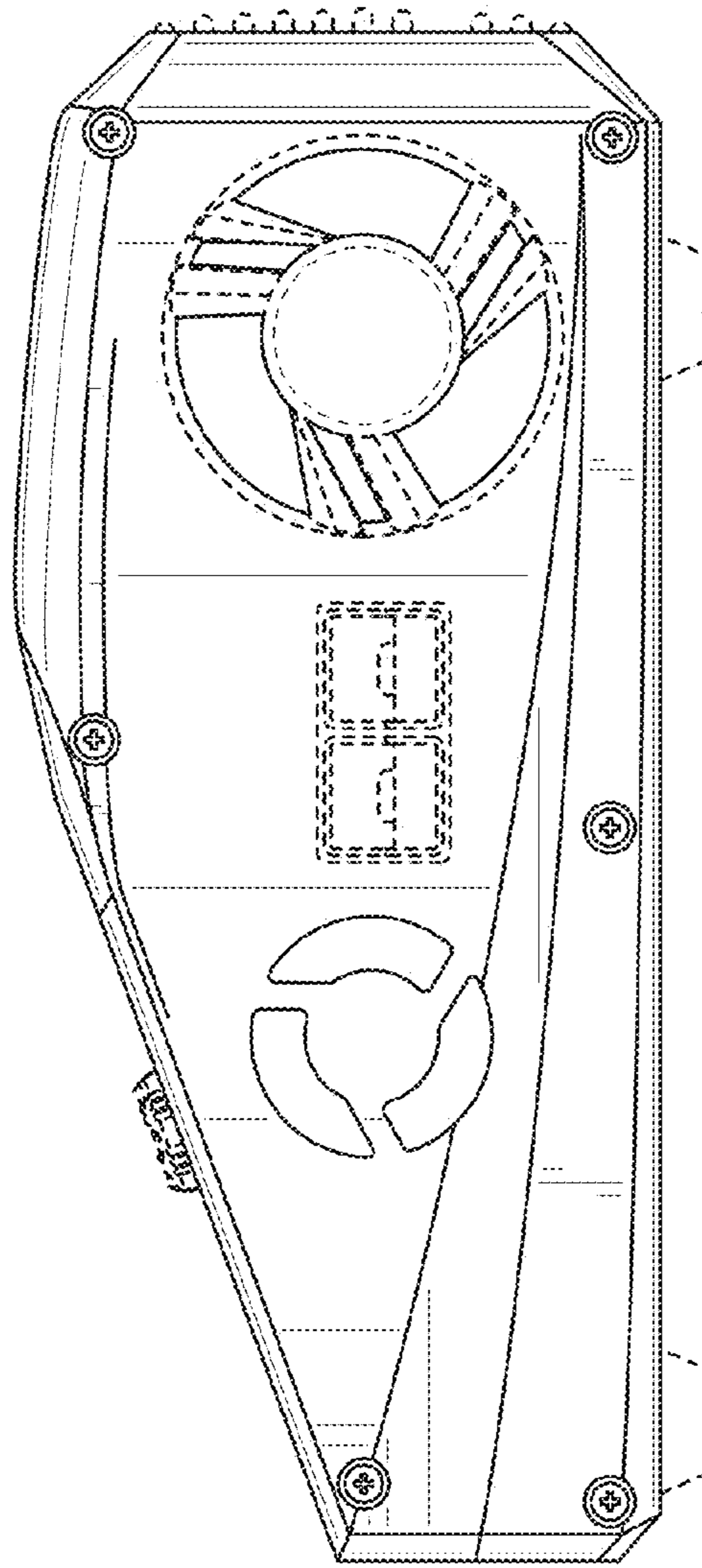


FIG. 5



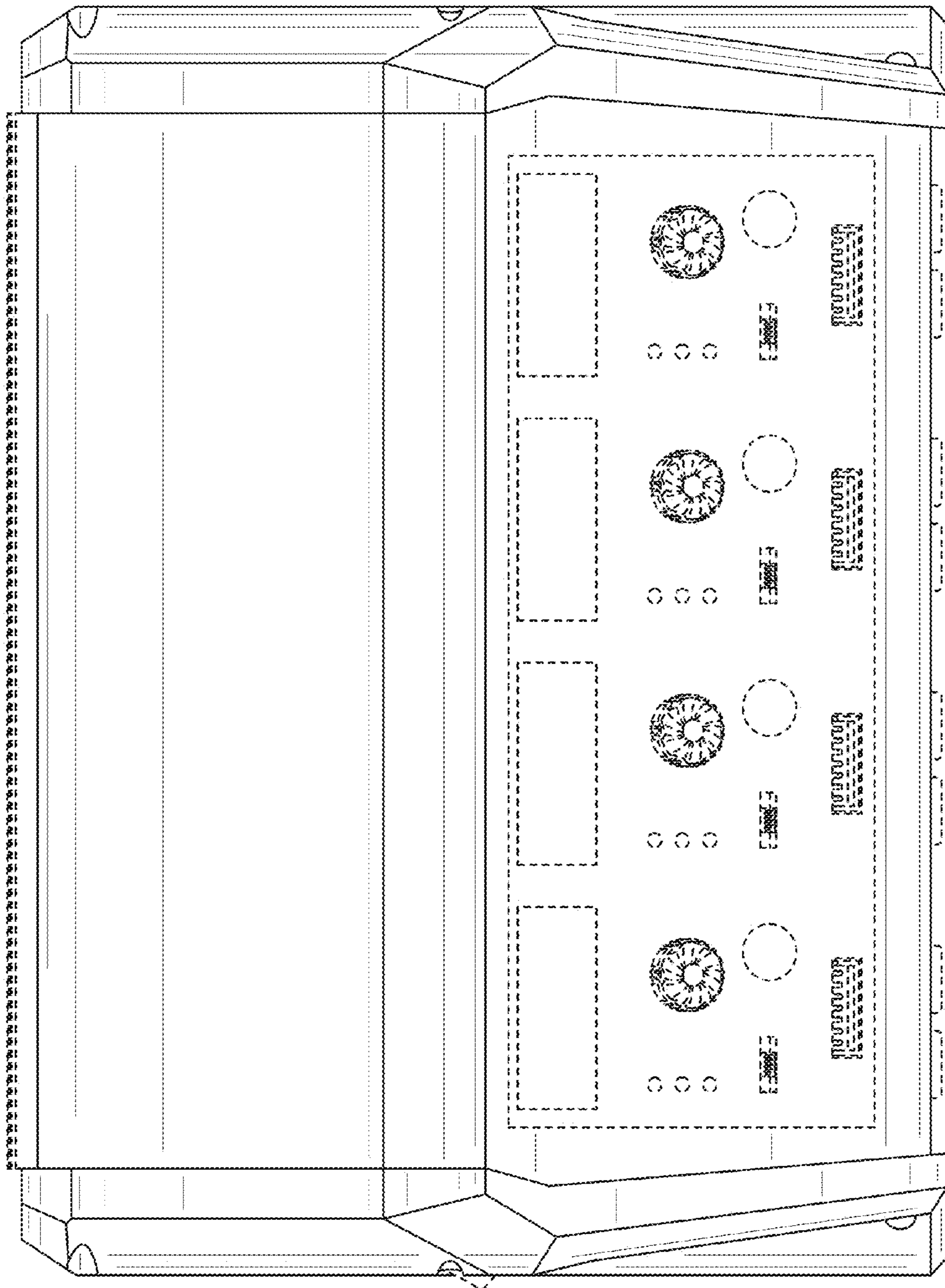


FIG. 6



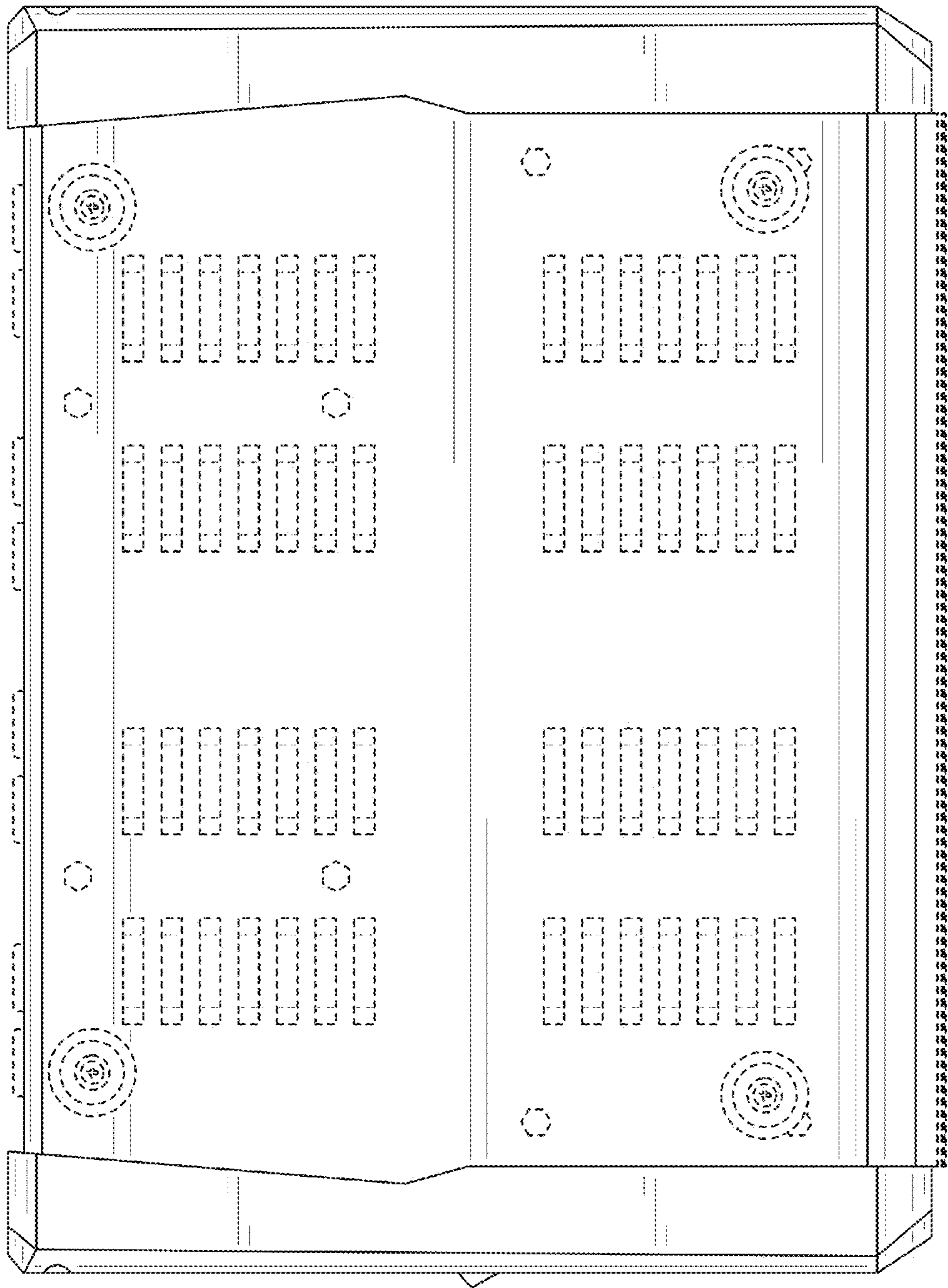


FIG. 7

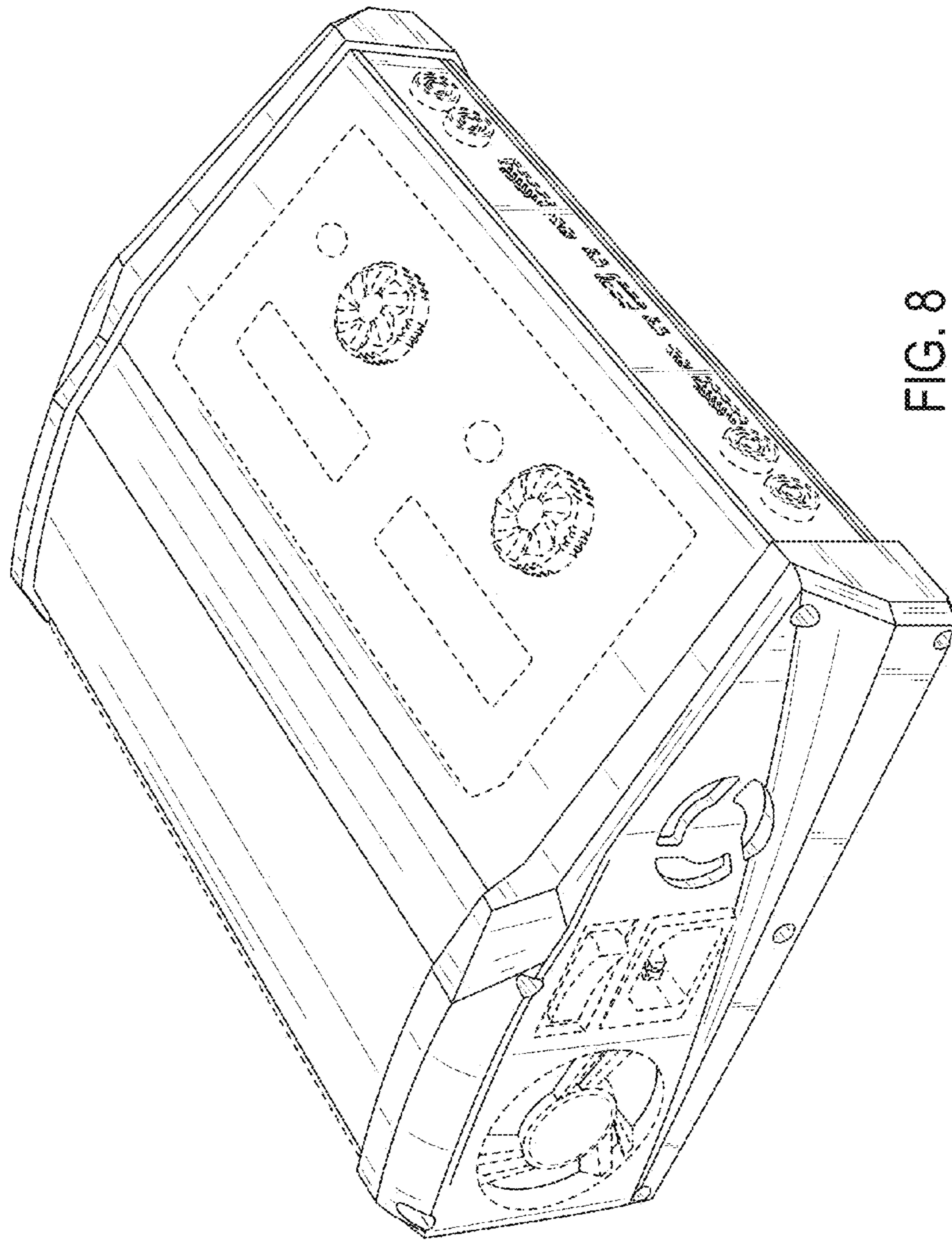


FIG. 8

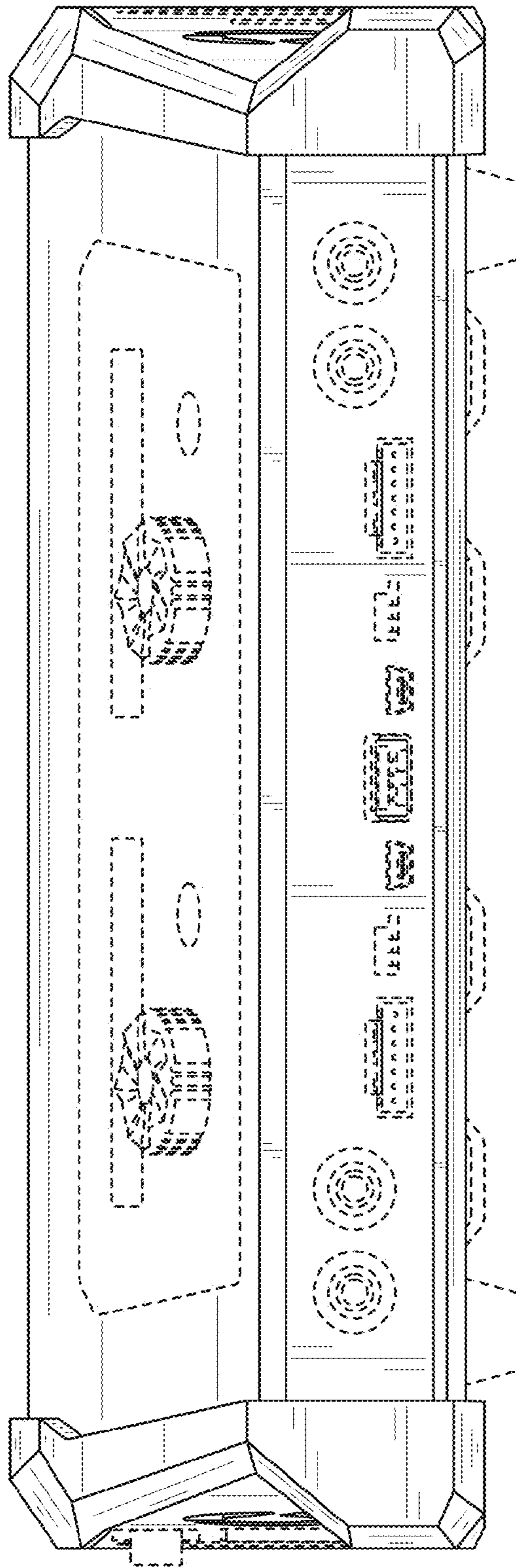


FIG. 9

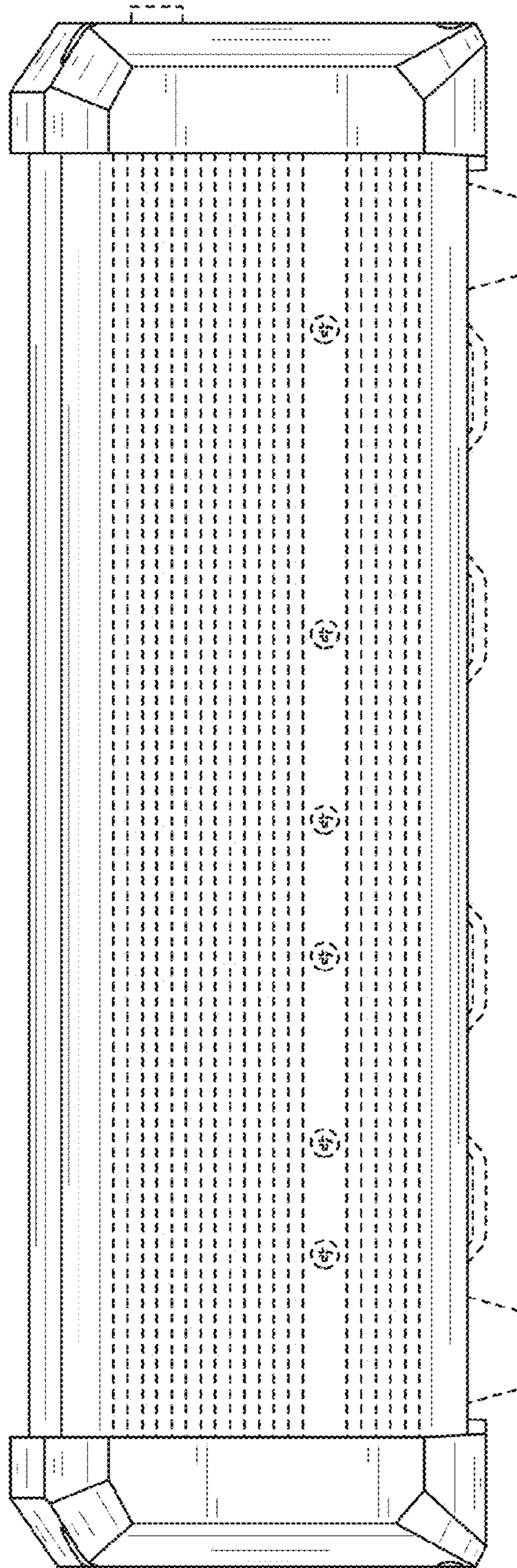


FIG. 10



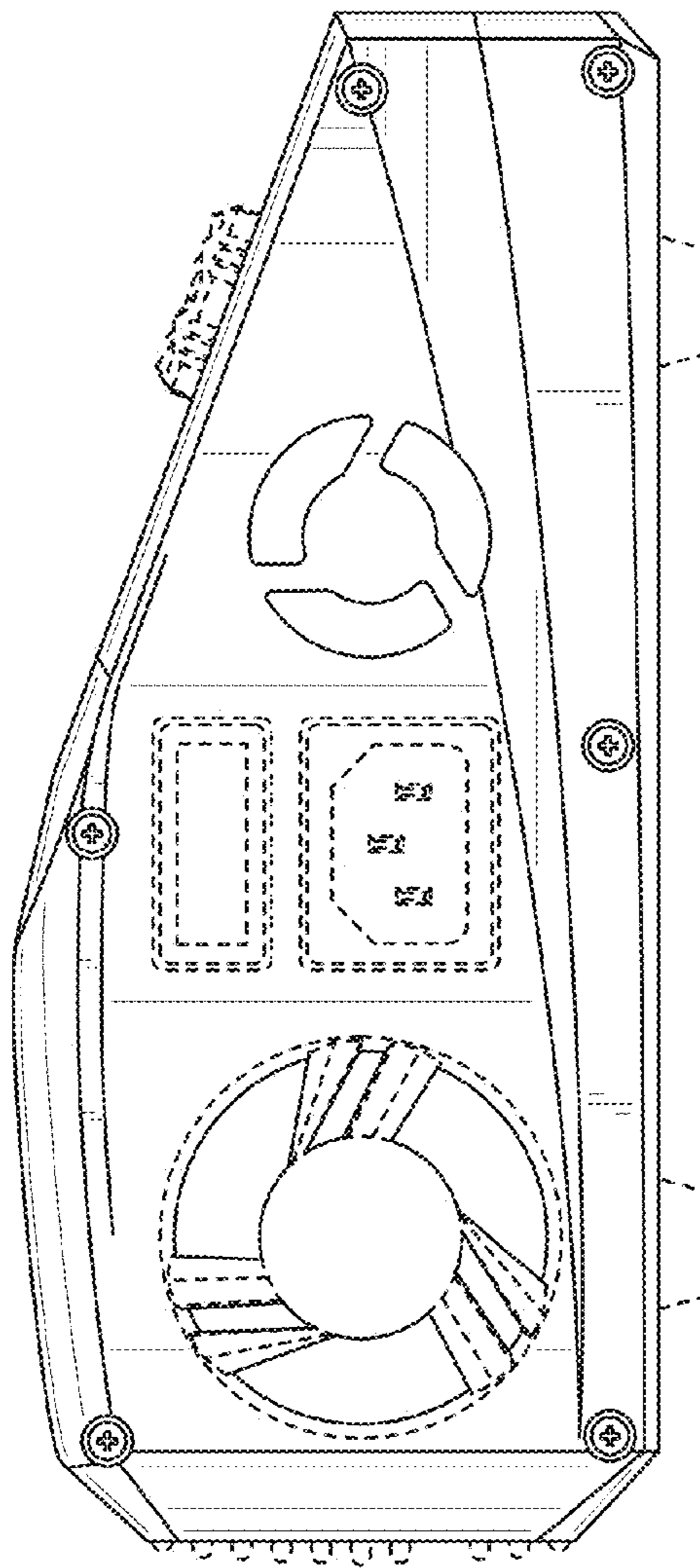


FIG. 11

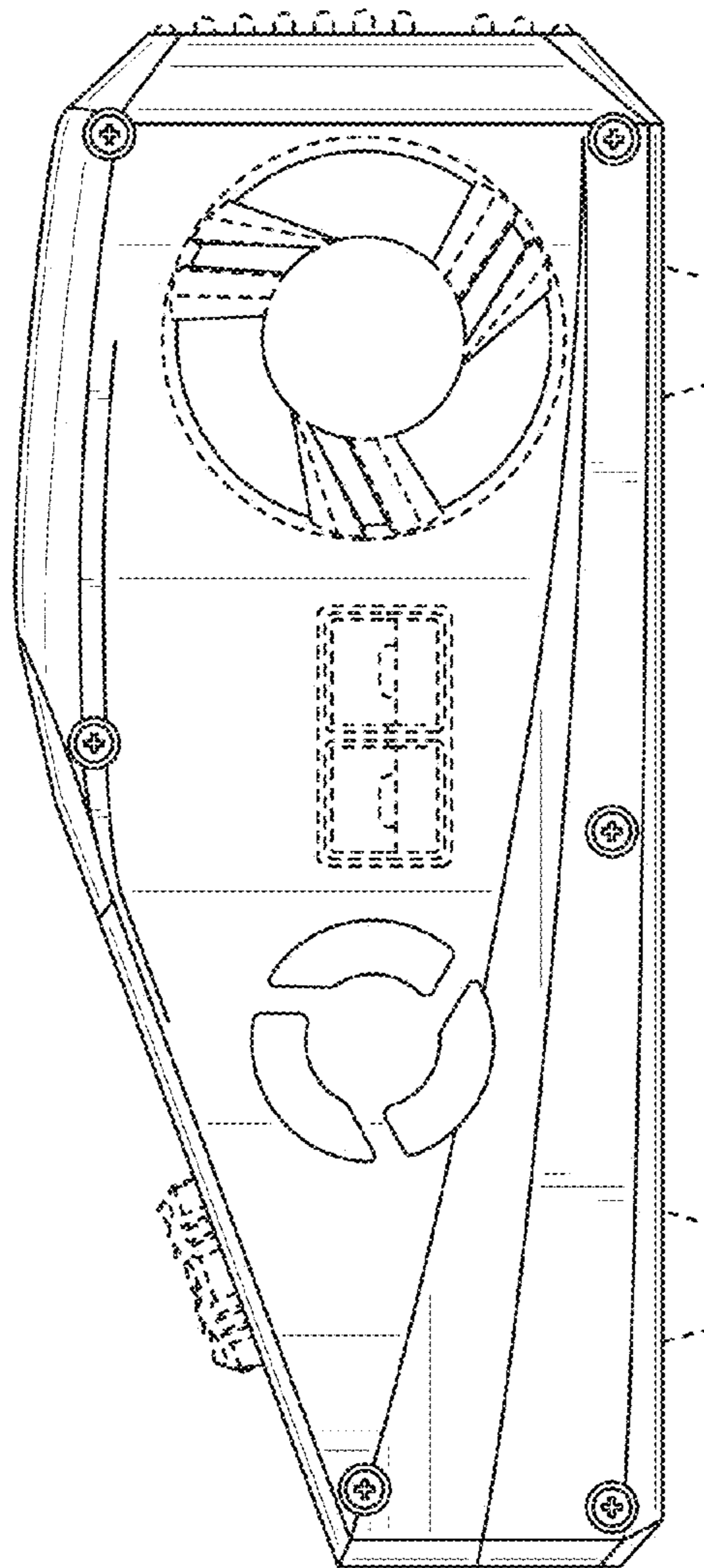


FIG. 12

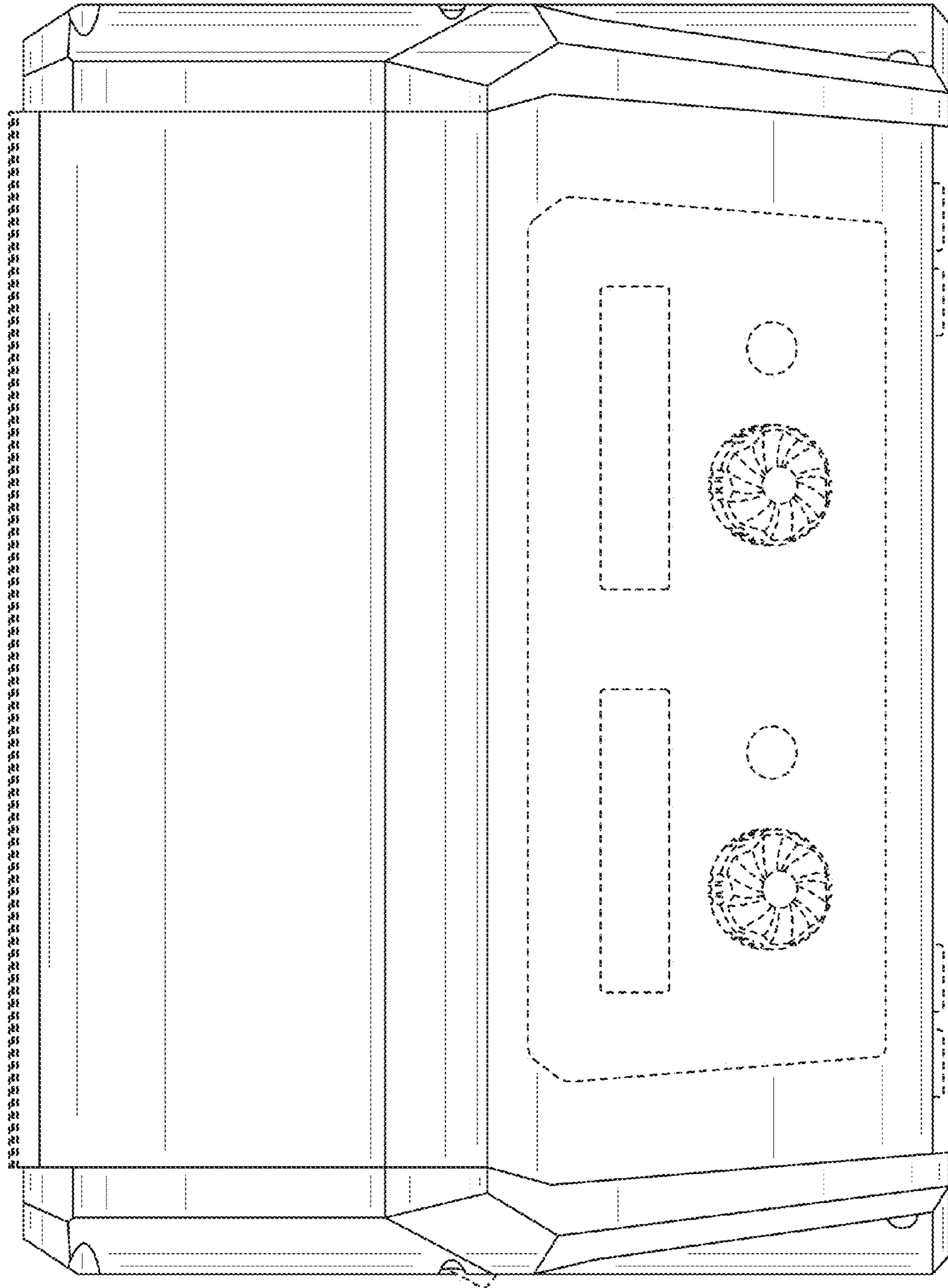


FIG. 13

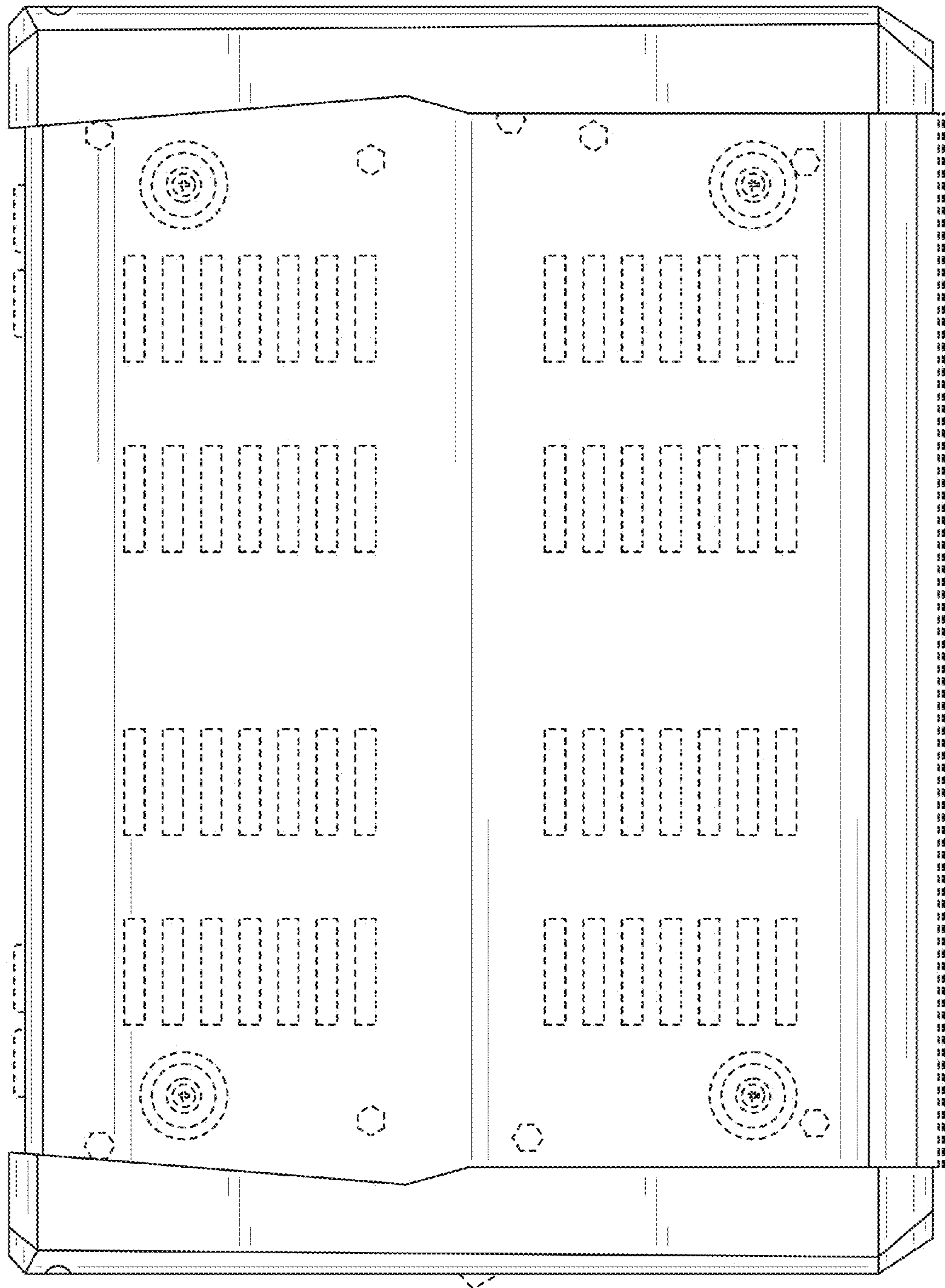


FIG. 14