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(12) **United States Design Patent**
Arends et al.

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(45) **Date of Patent:** **** Jul. 26, 2016**

- (54) **BATTERY CHARGER**
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Mark Reed, Champaign, IL (US)
- (73) Assignee: **Horizon Hobby, LLC**, Champaign, IL (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/476,006**
- (22) Filed: **Dec. 10, 2013**
- (51) **LOC (10) Cl.** **13-02**
- (52) **U.S. Cl.**
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- (58) **Field of Classification Search**
USPC D13/102–106, 110, 118–119, 184, 103,
D13/104, 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

- 5,375,226 A * 12/1994 Sano G06F 1/1626
345/169
- D367,052 S * 2/1996 Ito D14/162
- D411,530 S * 6/1999 Carter D14/217
- D427,145 S * 6/2000 Singh D13/107
- D505,913 S * 6/2005 Kam Lun D13/107
- D513,731 S * 1/2006 Kang D13/107

(Continued)

OTHER PUBLICATIONS

Prophet Sport Duo 50W, [online], [site visited Mar. 8, 2015]. Available from Internet, <URL: <http://www.horizonhobby.com/prophet-sport-duo-50w-x-2-ac-battery-charger-us-dync2020a>>.*

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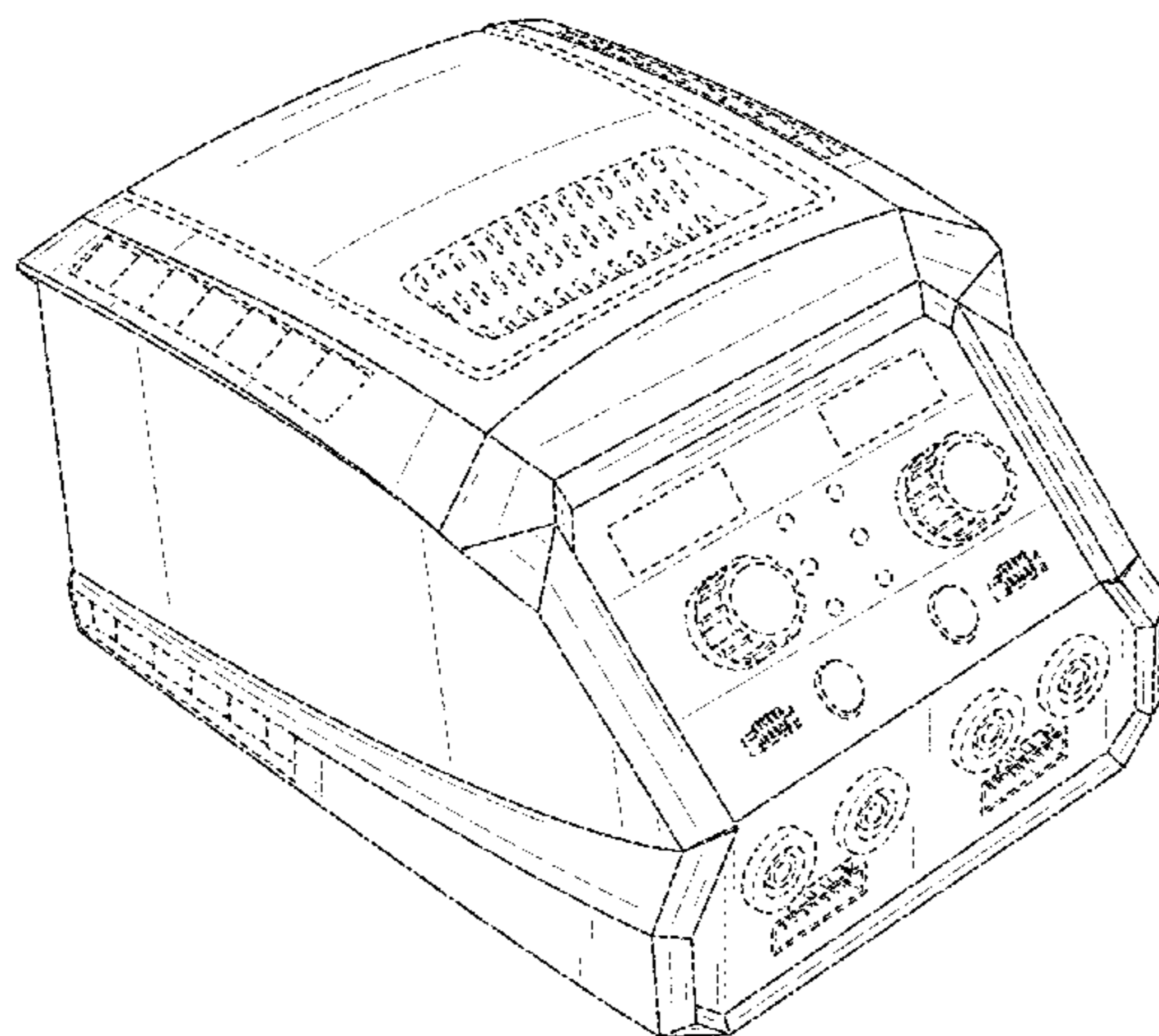
(57) **CLAIM**

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

D540,742 S * 4/2007 Bell D13/107
D548,695 S * 8/2007 Krieger D13/110
D554,579 S * 11/2007 Ogasawara D13/103
D555,591 S * 11/2007 Grimes D13/110
D562,231 S * 2/2008 Osiecki D13/107

D605,111 S * 12/2009 Schoch D13/107
D715,266 S * 10/2014 Olswang D14/217
D717,278 S * 11/2014 Amiya D14/217
D734,258 S * 7/2015 Yin D13/107
D744,944 S * 12/2015 Bates D13/107
D744,945 S * 12/2015 Bates D13/107
D750,598 S * 3/2016 Alexander D14/217

* cited by examiner

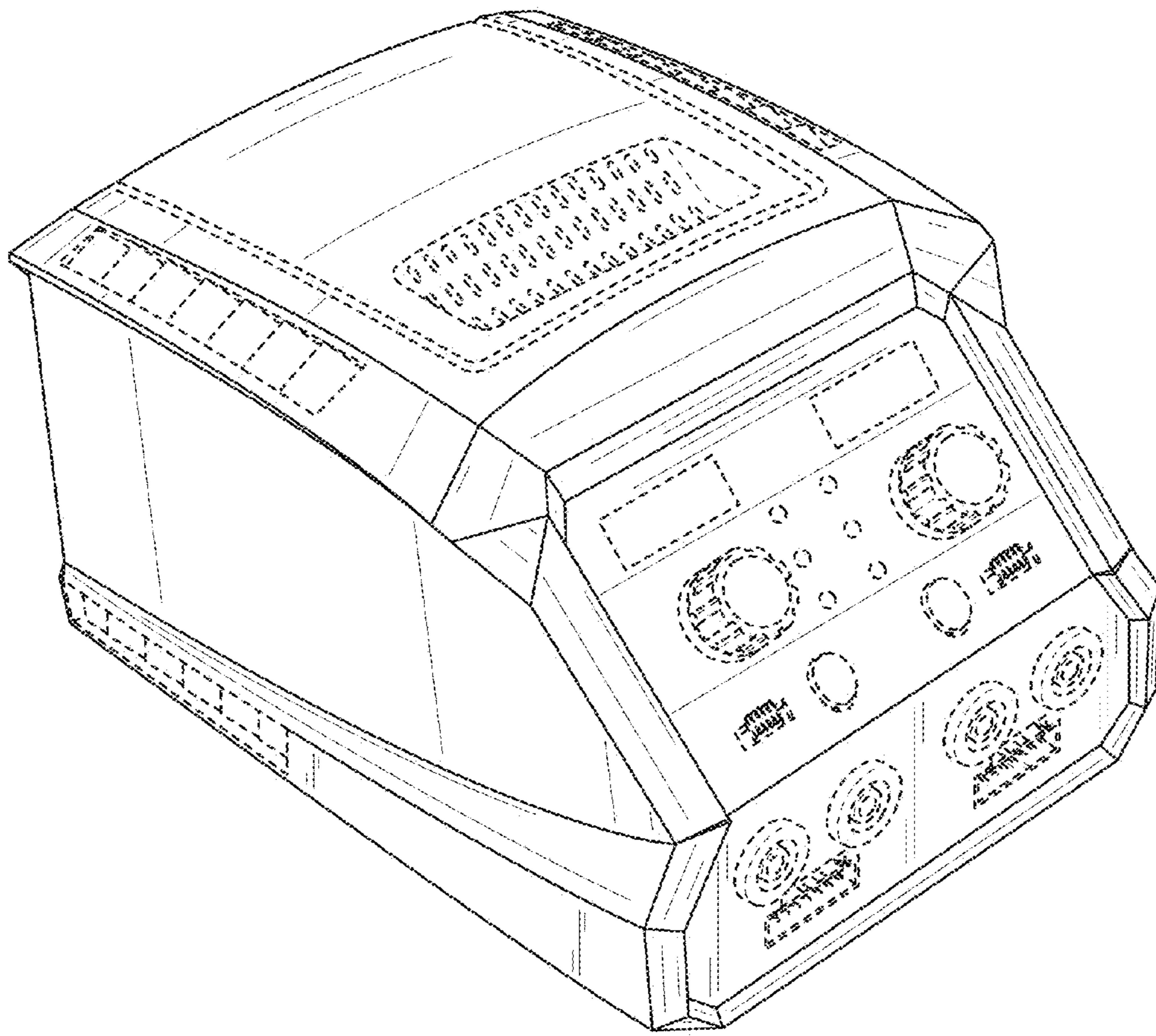


FIG. 1

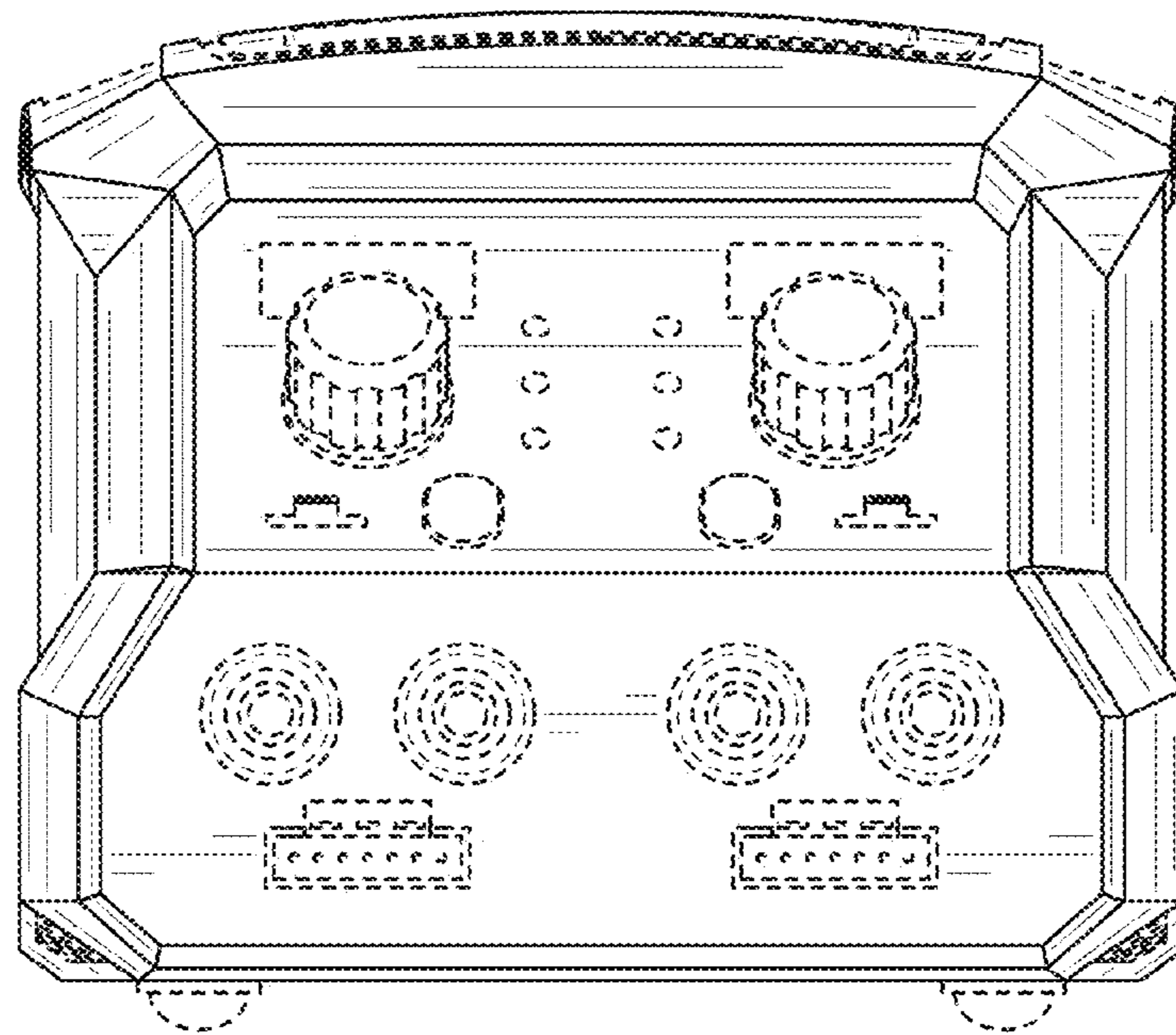


FIG. 2

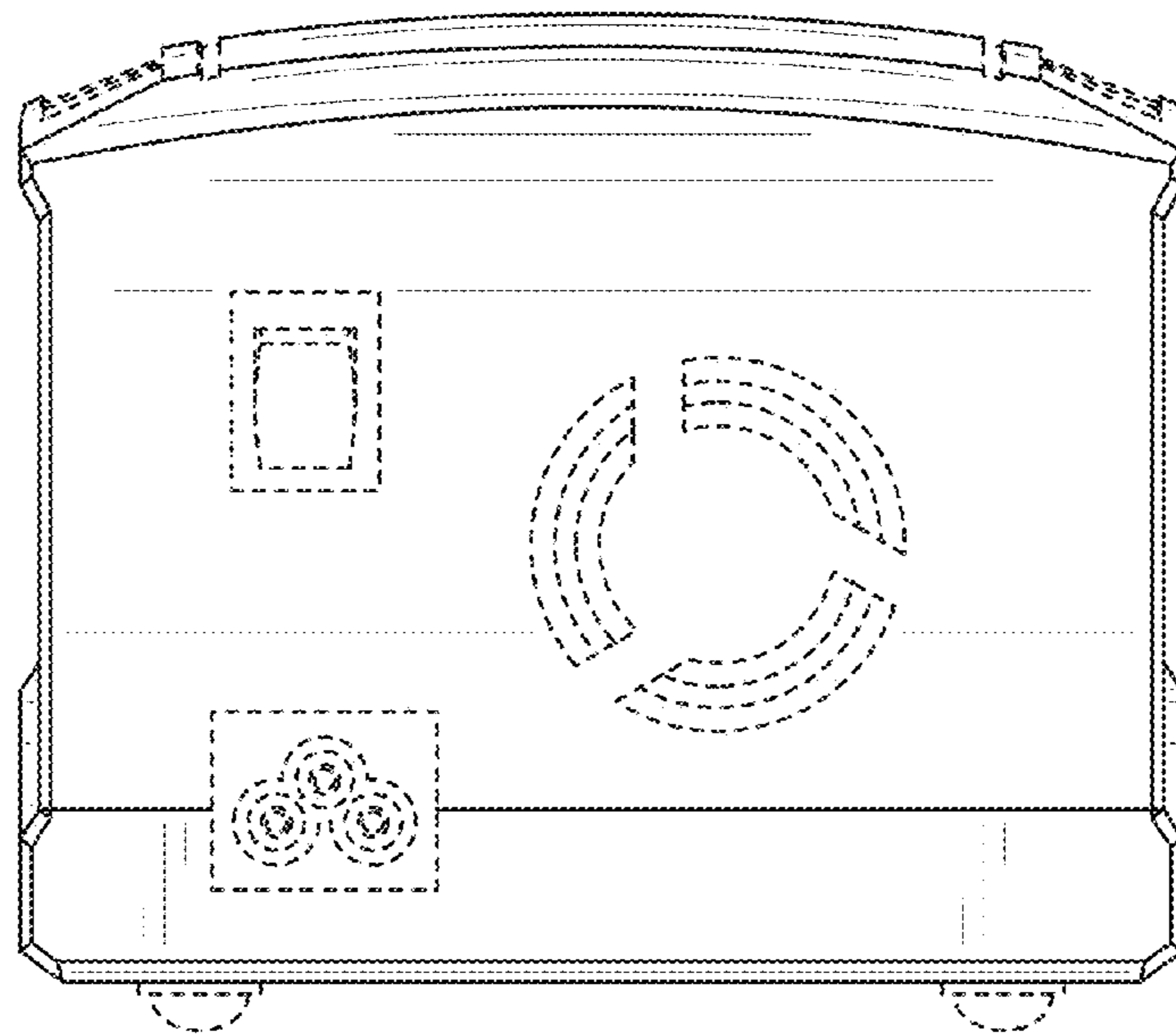


FIG. 3

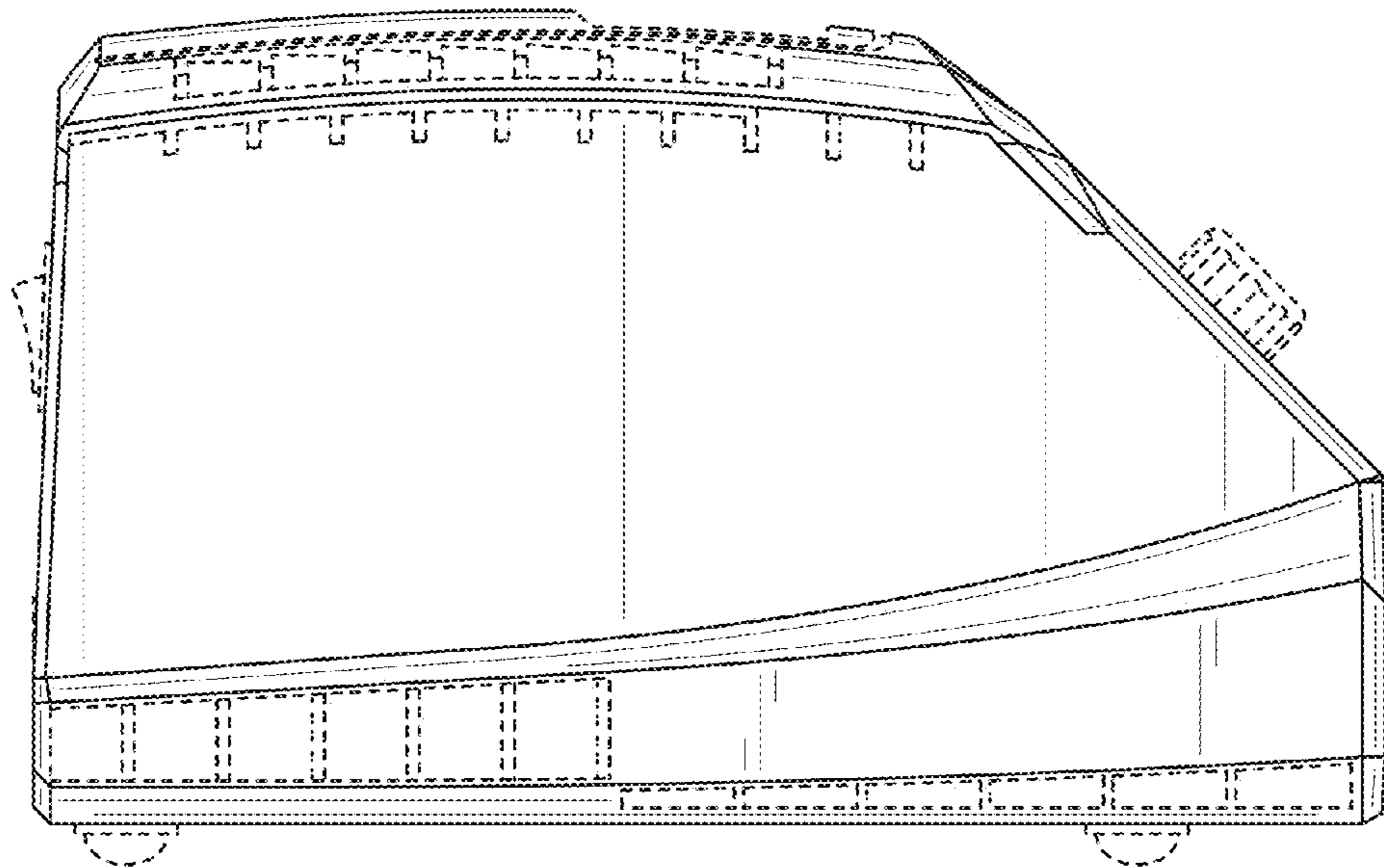


FIG. 4

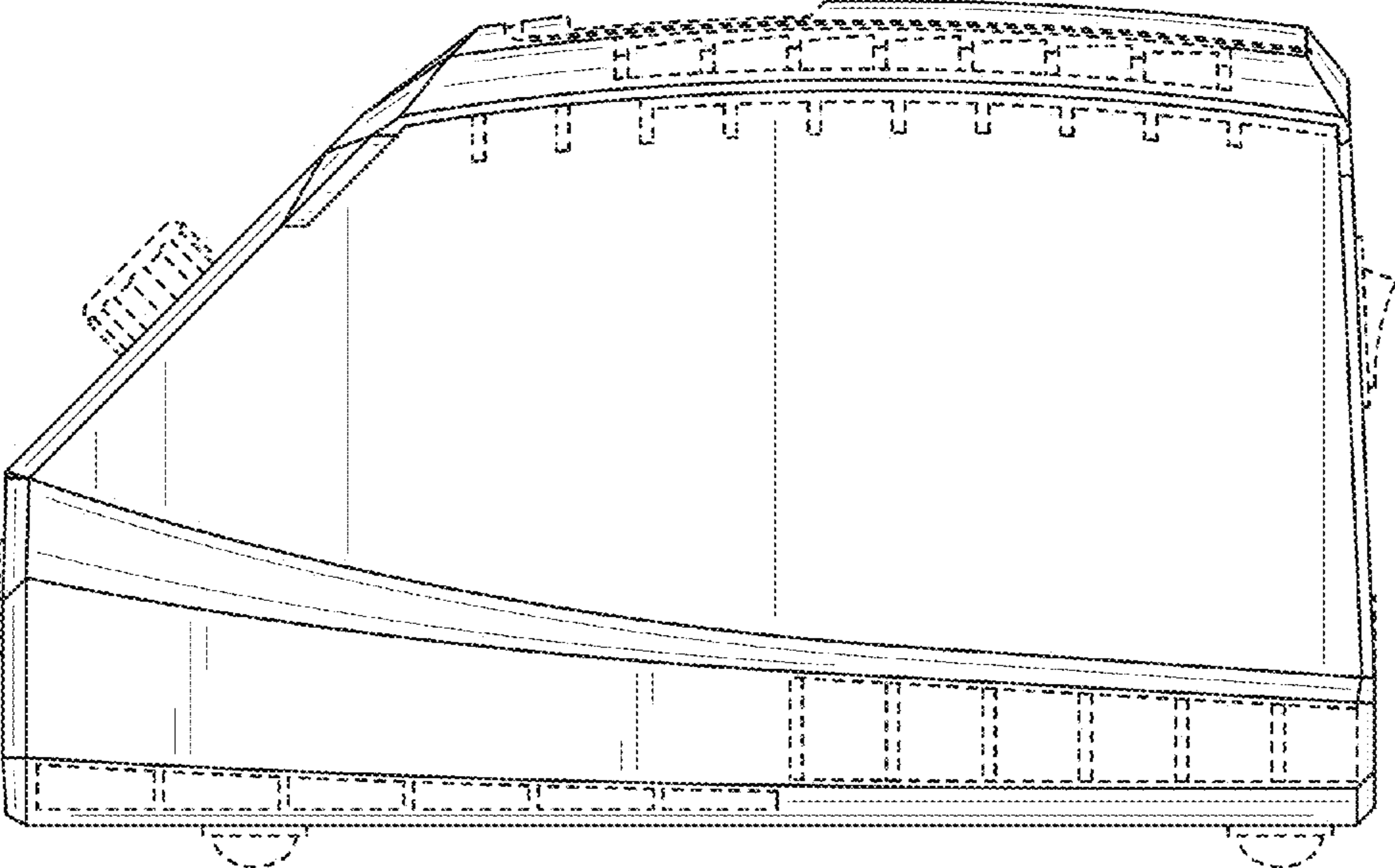


FIG. 5

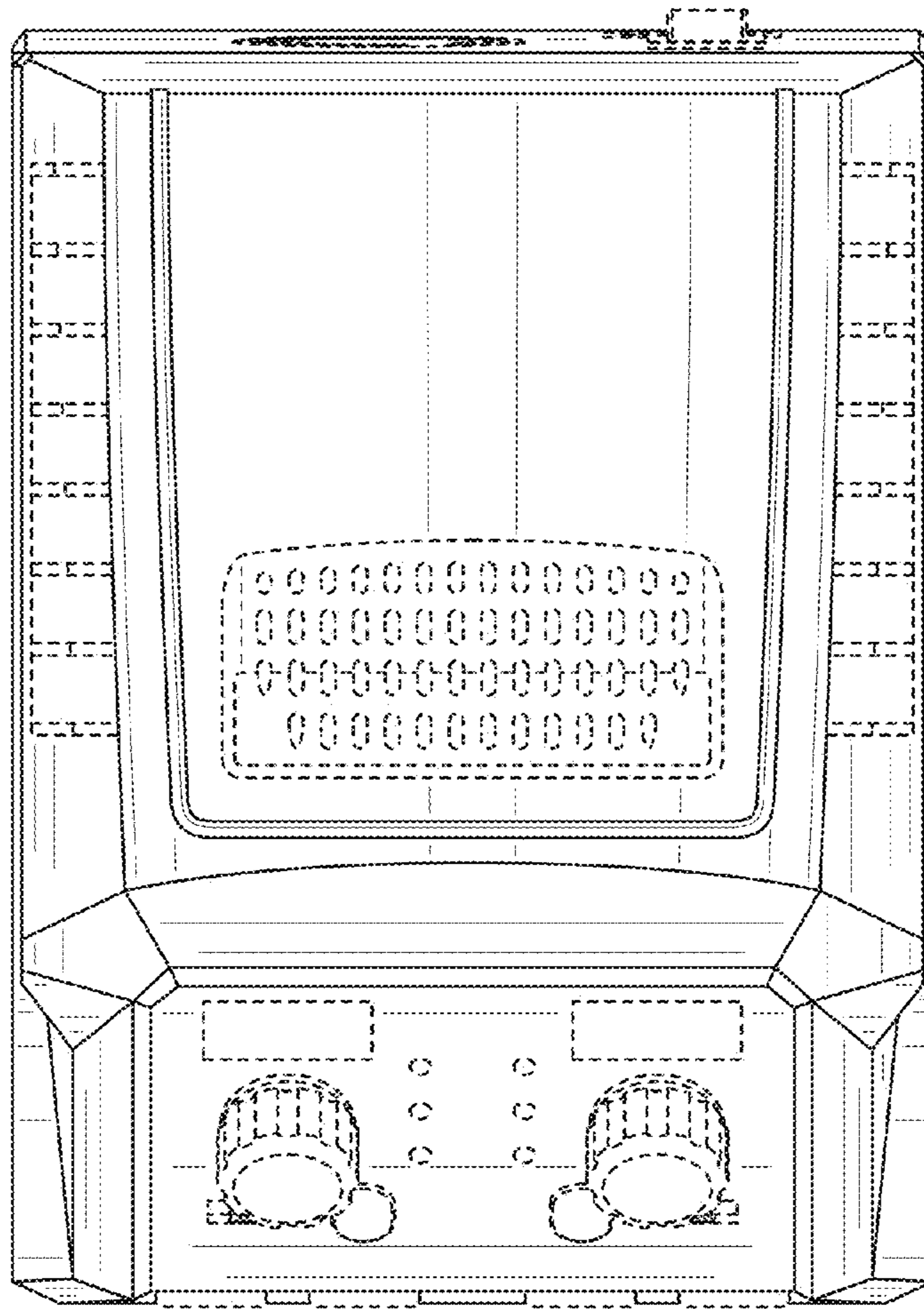


FIG. 6

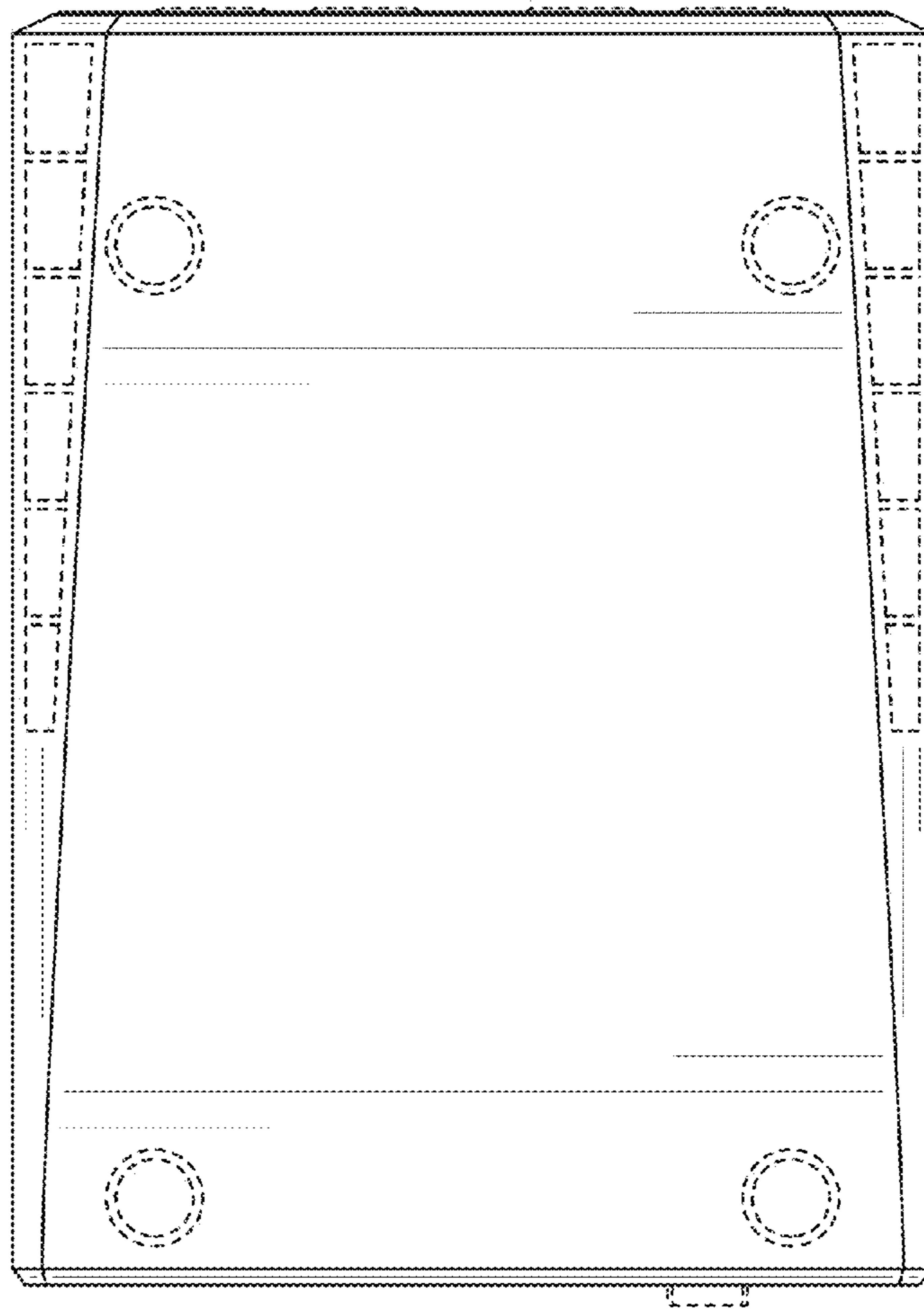


FIG. 7

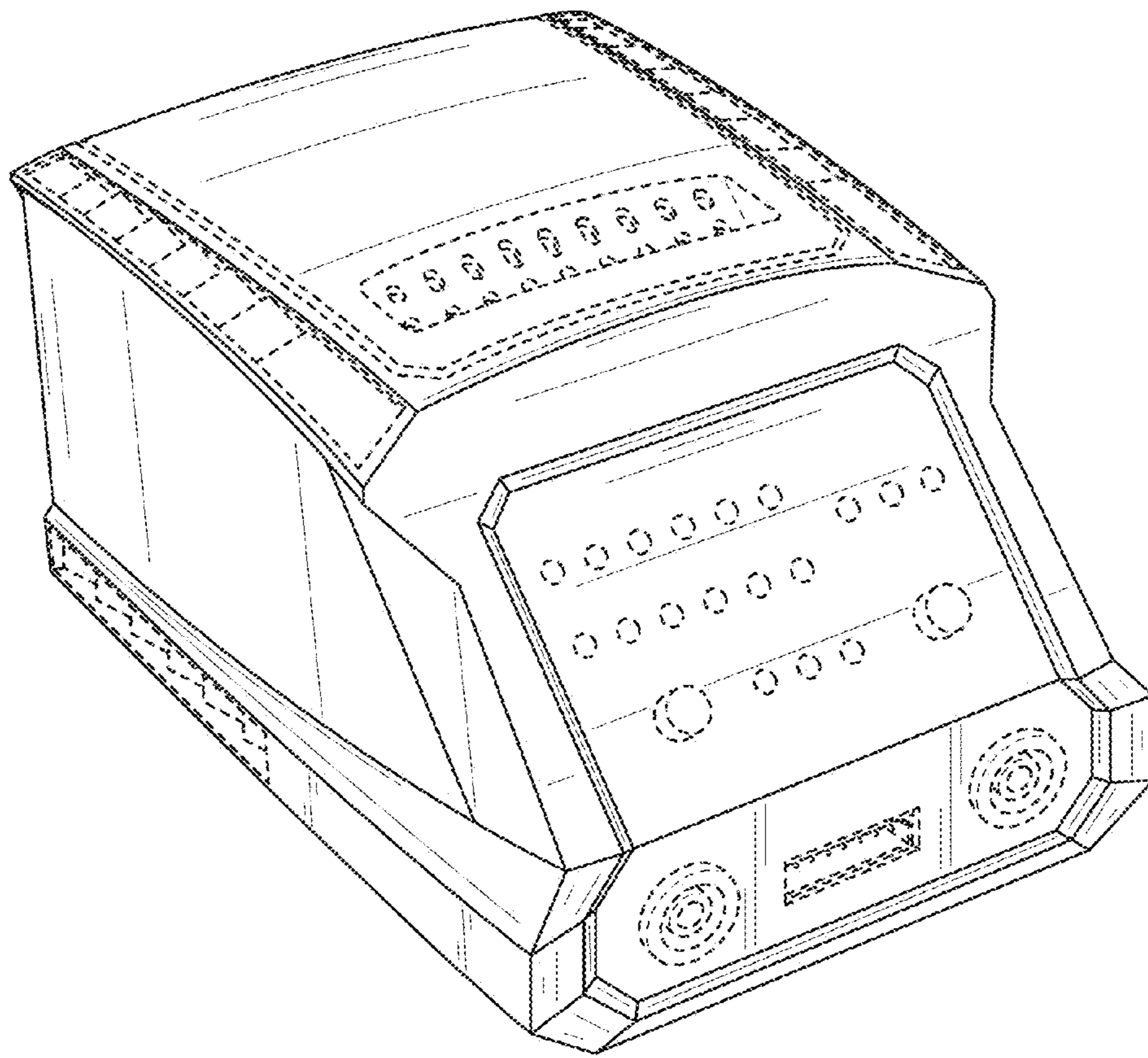


FIG. 8

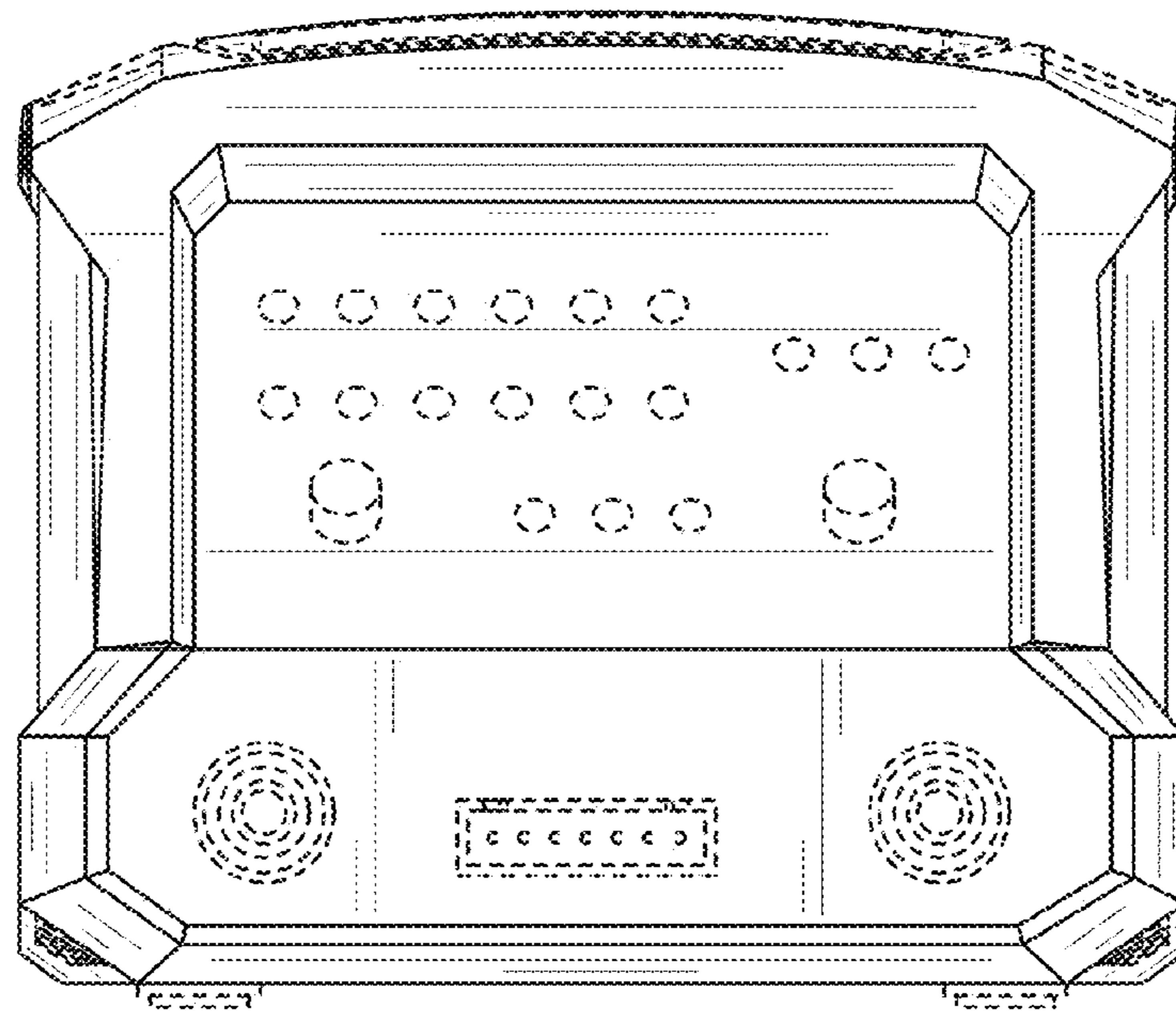


FIG. 9

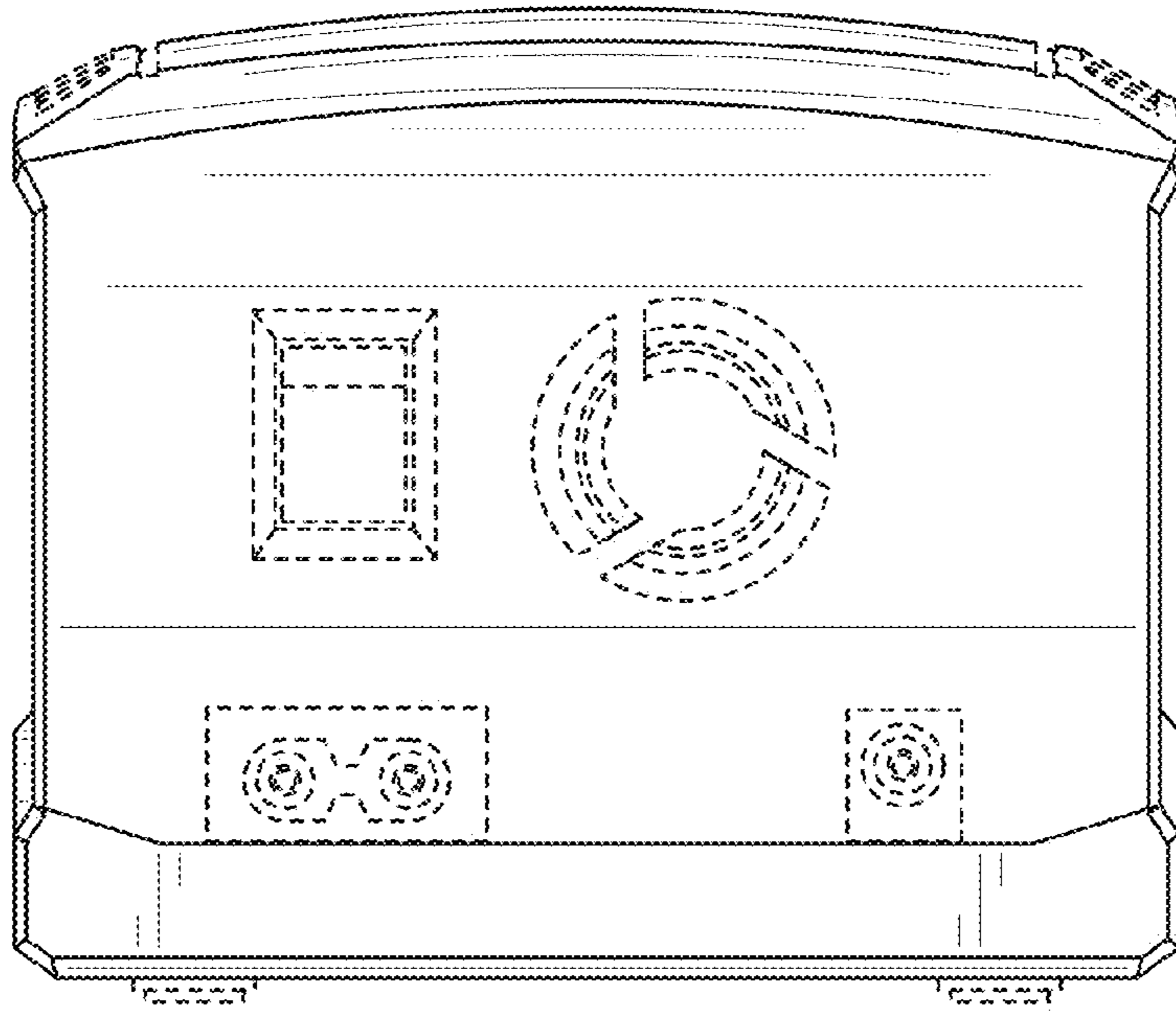


FIG. 10

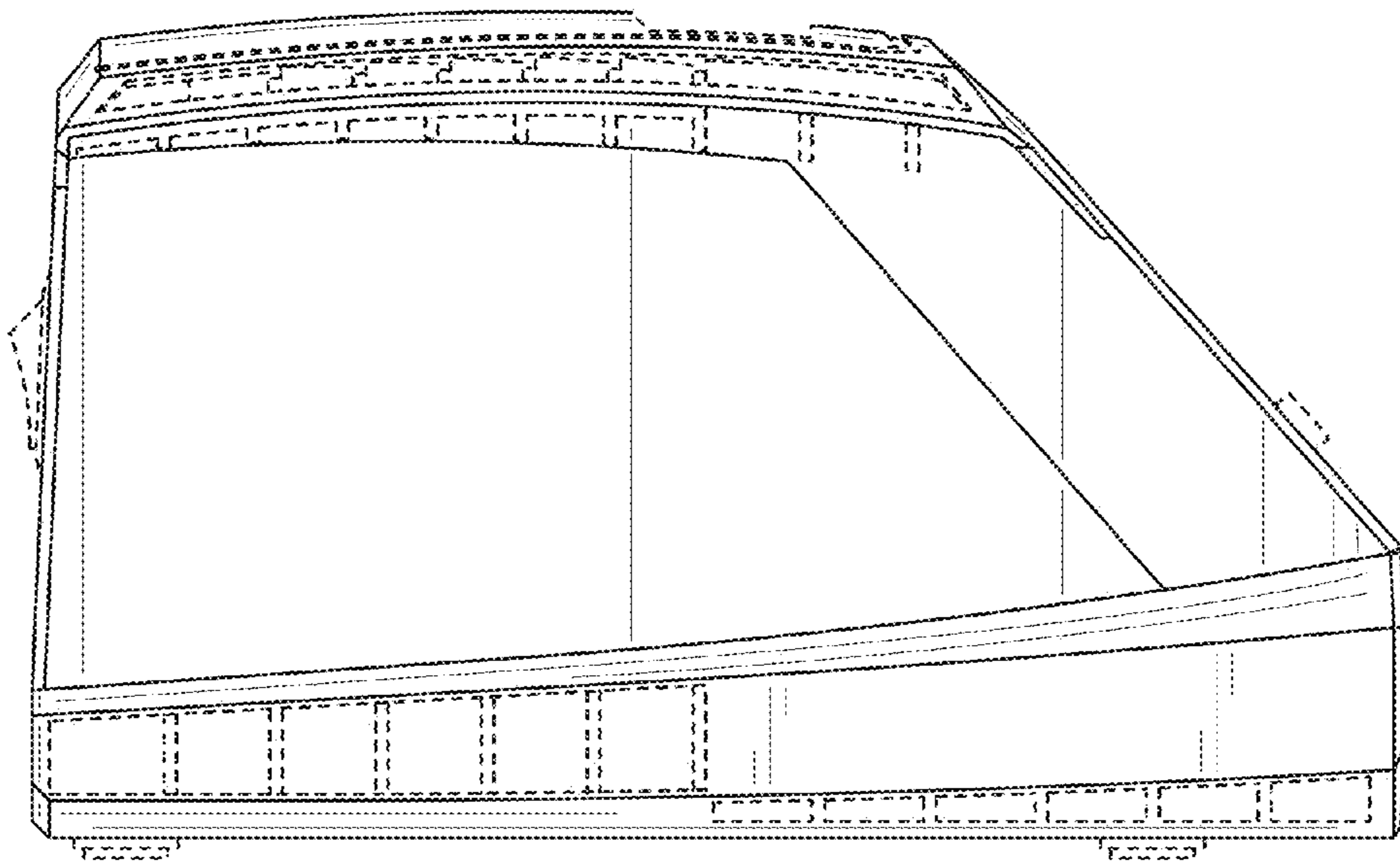


FIG. 11

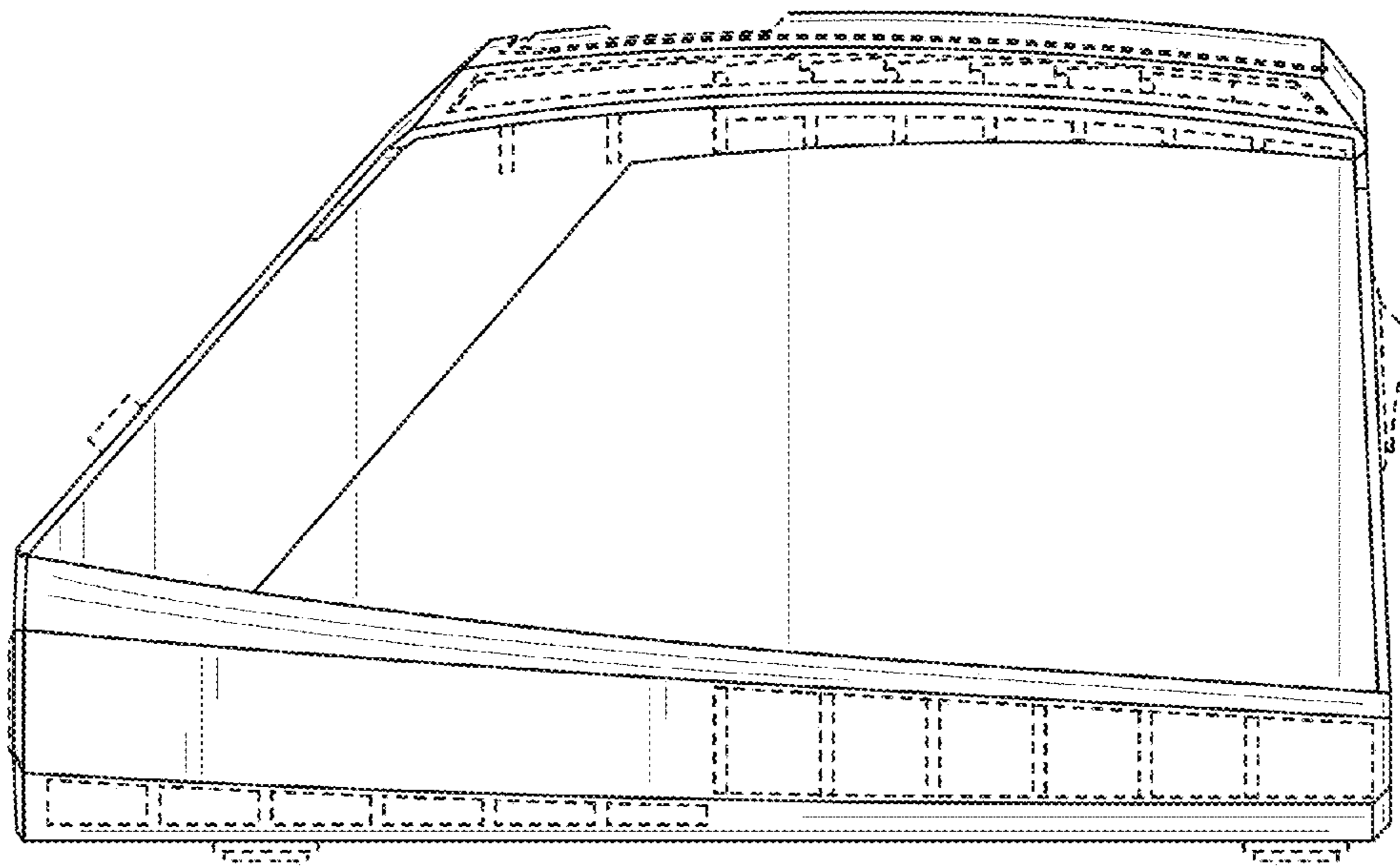


FIG. 12

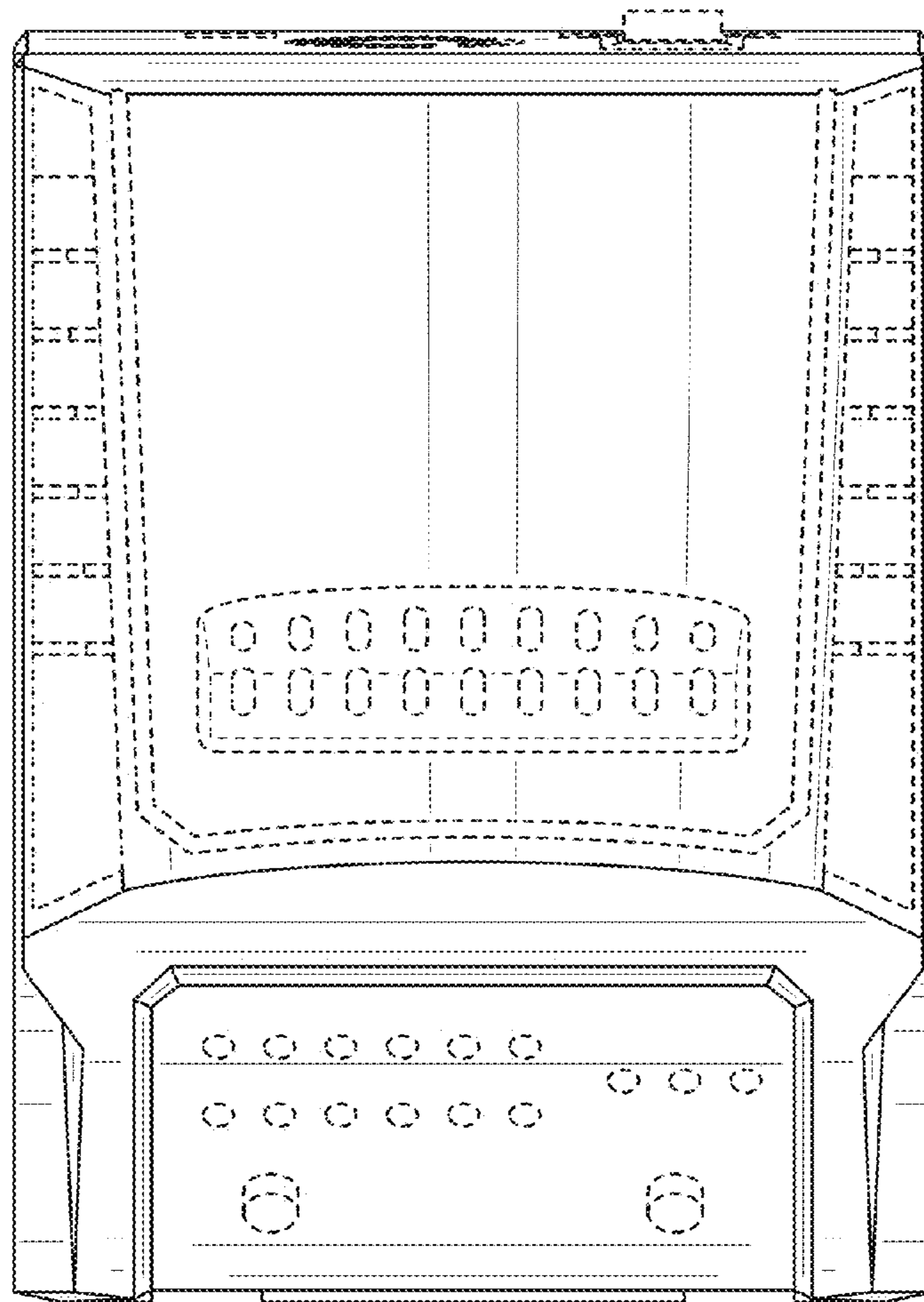


FIG. 13

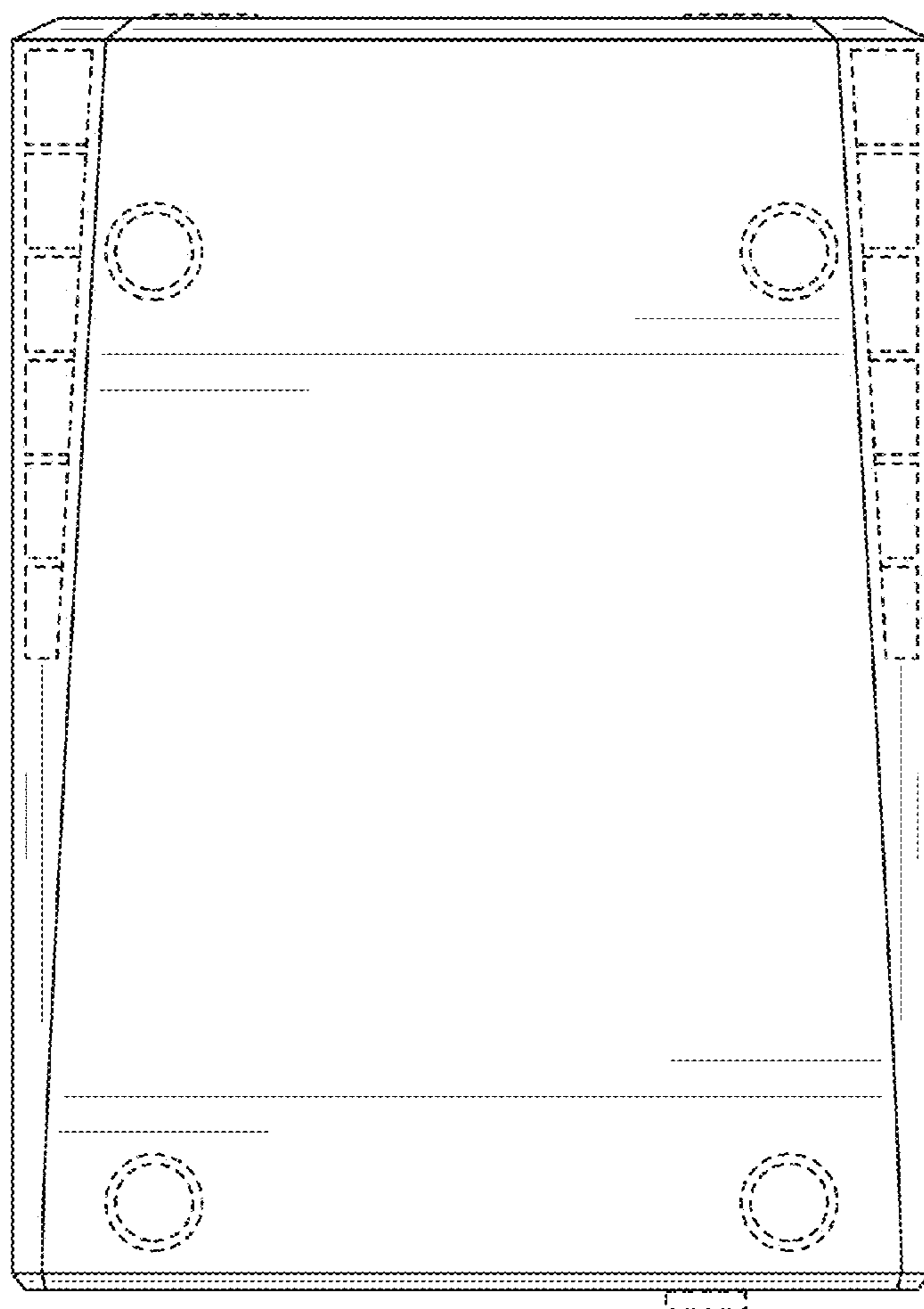


FIG. 14