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

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(54) **LOUDSPEAKER**

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

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Related U.S. Application Data

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(51) **LOC (11) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/208**; D14/222

(58) **Field of Classification Search**
USPC D14/204, 222, 221, 208, 210, 215, 216, D14/219, 224; 181/144, 192, 199, 150, 181/155, 156, 129, 172, 168, 167, 152; 381/386, 343, 345, 398, 396, 397, 423, 381/429; 455/90.3, 575.1, 569.1; 379/430, 431
CPC . H04R 1/02; H04R 7/00; H04R 25/00; H04R 1/345; H05K 5/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,826,260 A 3/1958 Miller
2,829,728 A * 4/1958 Brown H04R 1/023
181/149

3,257,154 A 6/1966 Lewis
D230,489 S 2/1974 Everitt
3,938,618 A * 2/1976 Ambruoso, Sr. H04R 1/023
181/149
D253,108 S * 10/1979 Schroeder 181/147
4,179,008 A 12/1979 LeTourneau
4,182,429 A * 1/1980 Senzaki H04R 1/24
181/141
D263,394 S 3/1982 Szabo
D264,336 S * 5/1982 Nicholson D14/214
D266,243 S 9/1982 Gollehon
4,377,114 A 3/1983 Fuller

(Continued)

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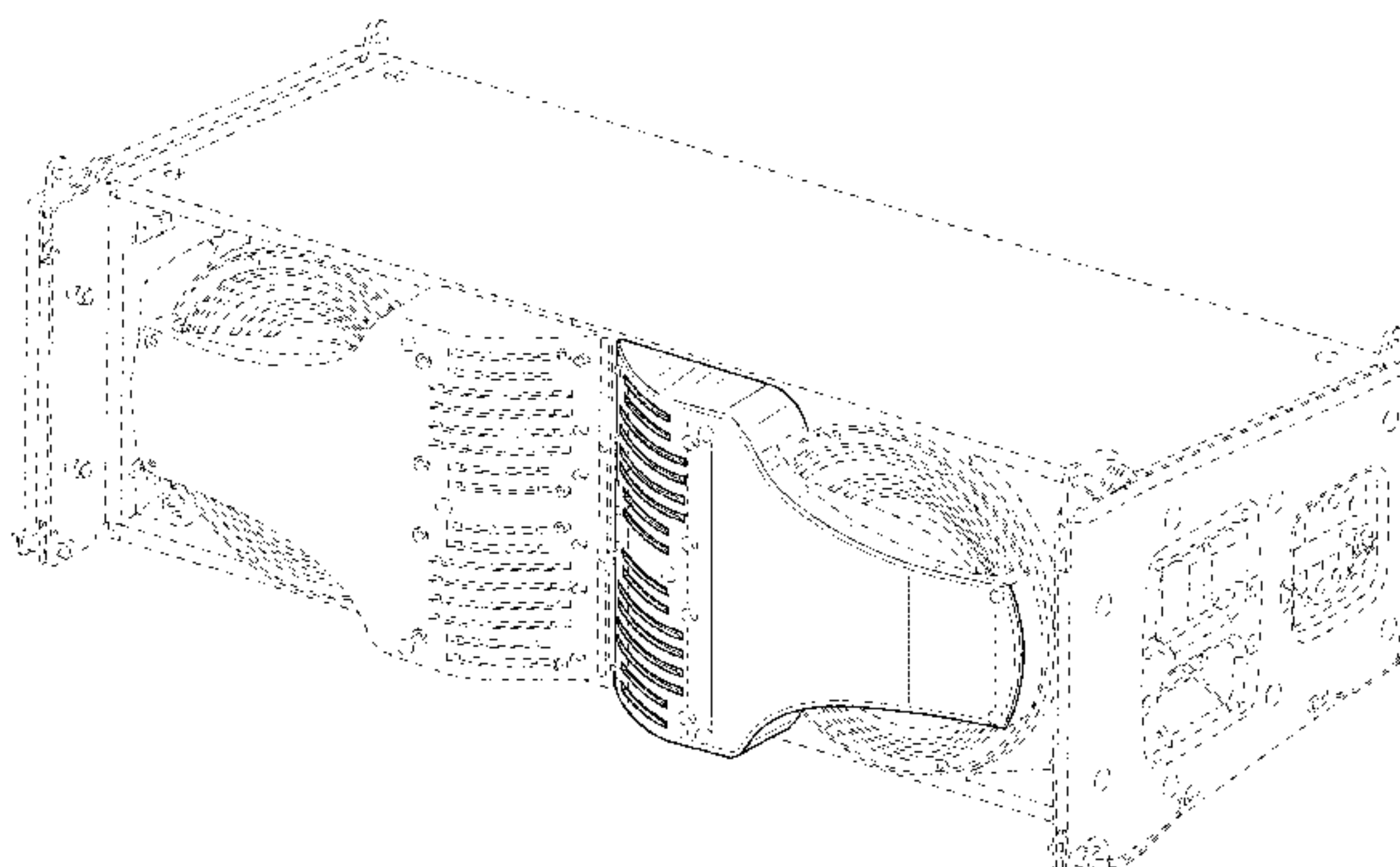
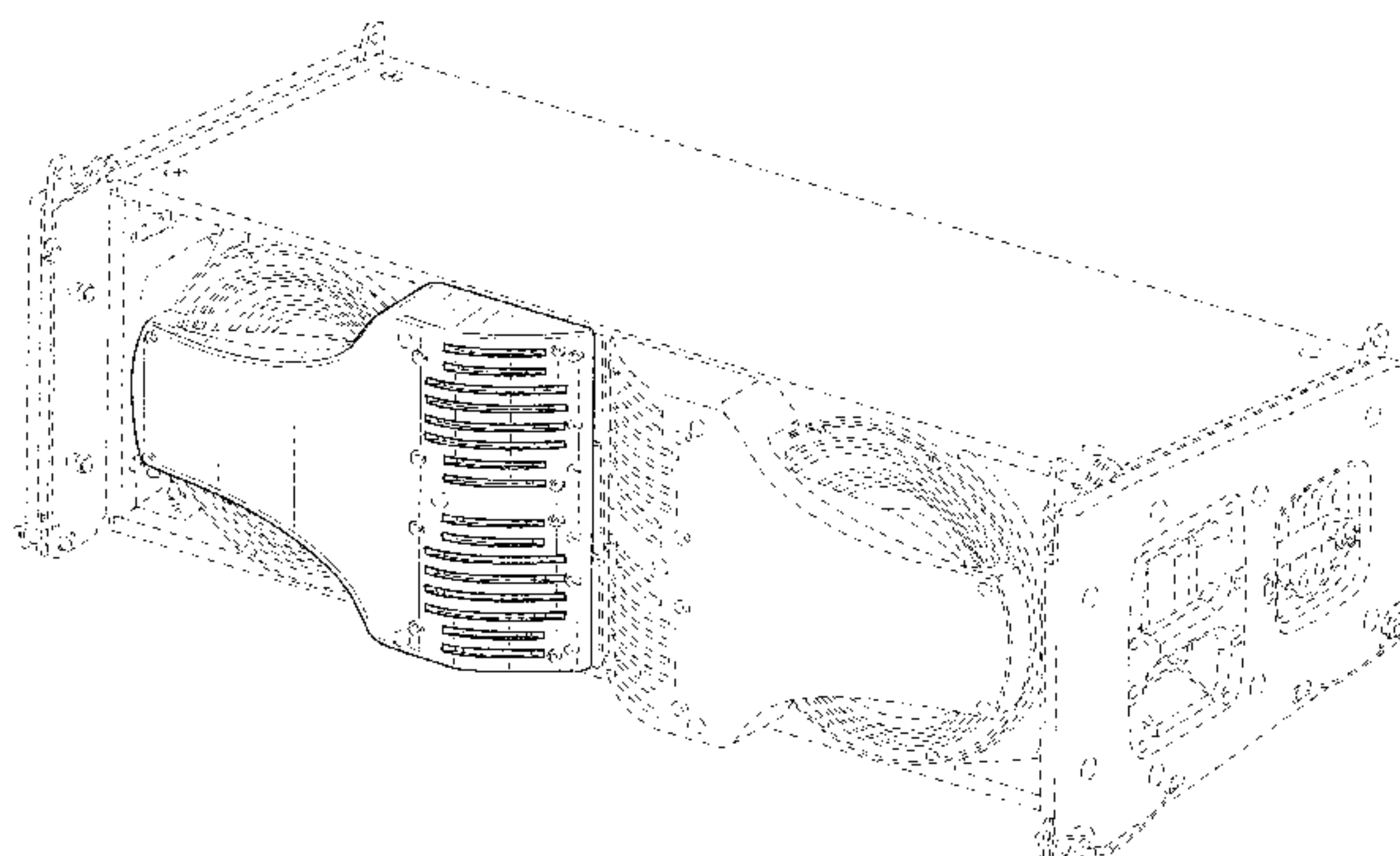
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front elevation view of a loudspeaker showing our new design;
FIG. 2 is a top perspective view thereof;
FIG. 3 is another top perspective view thereof;
FIG. 4 is a bottom perspective view thereof;
FIG. 5 is another bottom perspective view thereof;
FIG. 6 is a top plan view thereof, with the bottom view being a mirror of the claimed portion of FIG. 6;
FIG. 7 is a front elevation view of another embodiment of the loudspeaker showing our new design;
FIG. 8 is a top perspective view thereof;
FIG. 9 is another top perspective view thereof;
FIG. 10 is a bottom perspective view thereof;
FIG. 11 is another bottom perspective view thereof; and,
FIG. 12 is a top plan view thereof, with the bottom view being a mirror of the claimed portion of FIG. 12.
The broken lines shown in the drawings depict portions of the loudspeaker that form no part of the claimed design.

1 Claim, 12 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,502,149 A * 2/1985 Gefvert B60R 11/0217
181/145
D282,255 S 1/1986 Ross
4,582,162 A * 4/1986 Katsuno B60R 11/0217
181/141
4,660,728 A 4/1987 Martin
4,730,693 A 3/1988 Kobus
D295,857 S 5/1988 Nagashima
4,805,730 A 2/1989 O'Neill et al.
5,000,286 A 3/1991 Crawford et al.
D328,746 S 8/1992 Ishibashi et al.
5,179,367 A 1/1993 Shimizu
5,186,506 A * 2/1993 Gale E01H 1/1206
294/1.3
D350,136 S * 8/1994 Kim D14/125
5,368,270 A 11/1994 Wiwczar
D358,818 S 5/1995 Rozier et al.
5,758,582 A 6/1998 Gnezdilov
5,996,728 A 12/1999 Stark
6,112,847 A * 9/2000 Lehman H04R 1/345
181/152
D439,237 S 3/2001 Felix et al.
D440,228 S 4/2001 Schmidt, Jr. et al.
D450,778 S * 11/2001 Engebretson D14/221
D472,887 S * 4/2003 Right D14/172
6,578,807 B1 * 6/2003 Lipscomb A01K 1/0114
248/314
6,640,924 B2 11/2003 Messner
D500,025 S 12/2004 Vincenot et al.
D511,339 S 11/2005 Tsuge
D531,986 S * 11/2006 Azumi D14/214
7,134,523 B2 * 11/2006 Engebretson H04R 1/26
181/144
7,298,860 B2 * 11/2007 Engebretson H04R 1/026
381/335
D560,657 S 1/2008 Langberg et al.
7,324,654 B2 * 1/2008 Opie H04R 1/26
381/345

7,328,769 B1 2/2008 Adamson
D568,294 S 5/2008 Sawhney et al.
D572,702 S 7/2008 Bart
D582,391 S 12/2008 Morimoto
D637,580 S 5/2011 Aranda, Jr. et al.
D642,555 S * 8/2011 Hawkins D14/214
D654,474 S 2/2012 Hawkins et al.
D659,119 S 5/2012 Brunner et al.
D663,719 S 7/2012 Warden et al.
D671,912 S 12/2012 Warden et al.
D675,188 S 1/2013 Hawkins et al.
D684,948 S 6/2013 Burlingame et al.
D686,193 S 7/2013 Giffin et al.
D687,815 S * 8/2013 Hwangho D14/218
D692,864 S 11/2013 Givre et al.
8,600,097 B2 * 12/2013 McGhee H04R 1/02
181/198
D698,336 S 1/2014 Givre et al.
D712,878 S 9/2014 Azumi
D727,292 S * 4/2015 Anthony D14/214
D742,854 S 11/2015 Warden et al.
D749,278 S * 2/2016 Garvey D30/162
D752,015 S * 3/2016 Spillmann D14/204
D761,762 S * 7/2016 Andrews D14/210
D771,585 S 11/2016 Espinosa et al.
9,584,887 B2 * 2/2017 Spillmann H04R 1/02
D783,574 S * 4/2017 Garrett D14/214
D793,992 S 8/2017 Peace et al.
2002/0071580 A1 6/2002 Engebretson et al.
2002/0114482 A1 8/2002 Adamson
2003/0127280 A1 * 7/2003 Engebretson H04R 1/26
181/199
2004/0003961 A1 * 1/2004 Gunness H04R 1/30
181/189
2004/0251078 A1 12/2004 Kung
2005/0232455 A1 10/2005 Monitto et al.
2007/0000719 A1 1/2007 Bothe
2009/0214067 A1 8/2009 Bothe
2013/0208936 A1 8/2013 McGhee et al.
2014/0205126 A1 7/2014 Faranda et al.
2016/0212523 A1 7/2016 Spillmann et al.

* cited by examiner

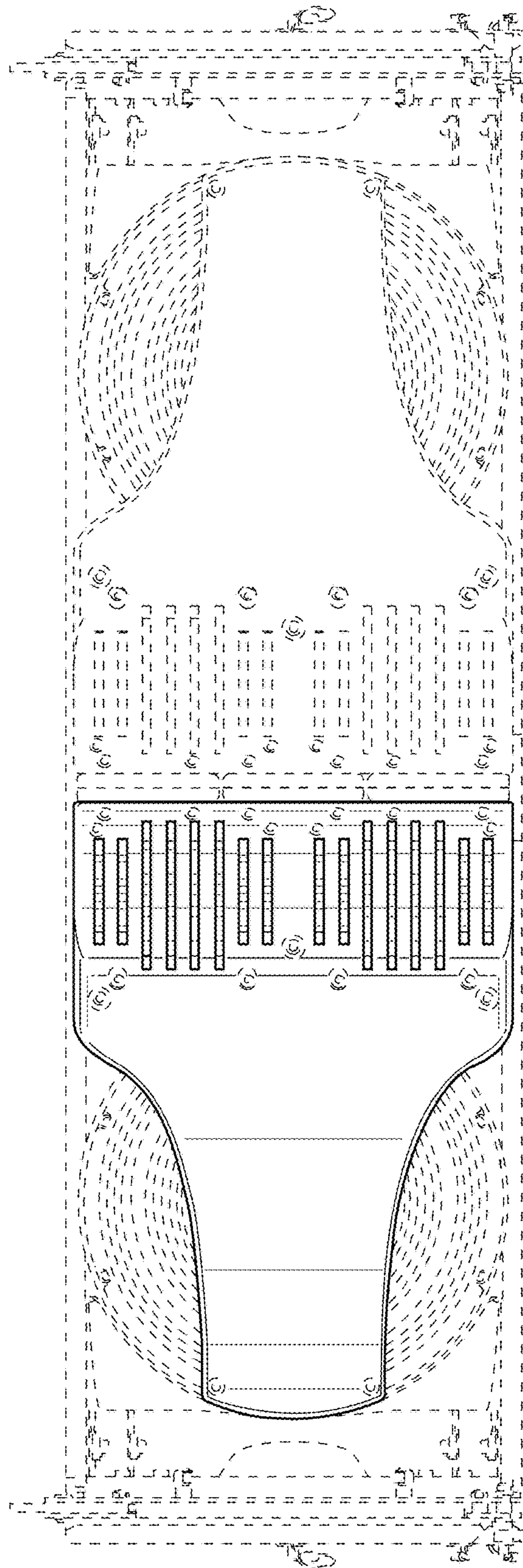


FIG. 1

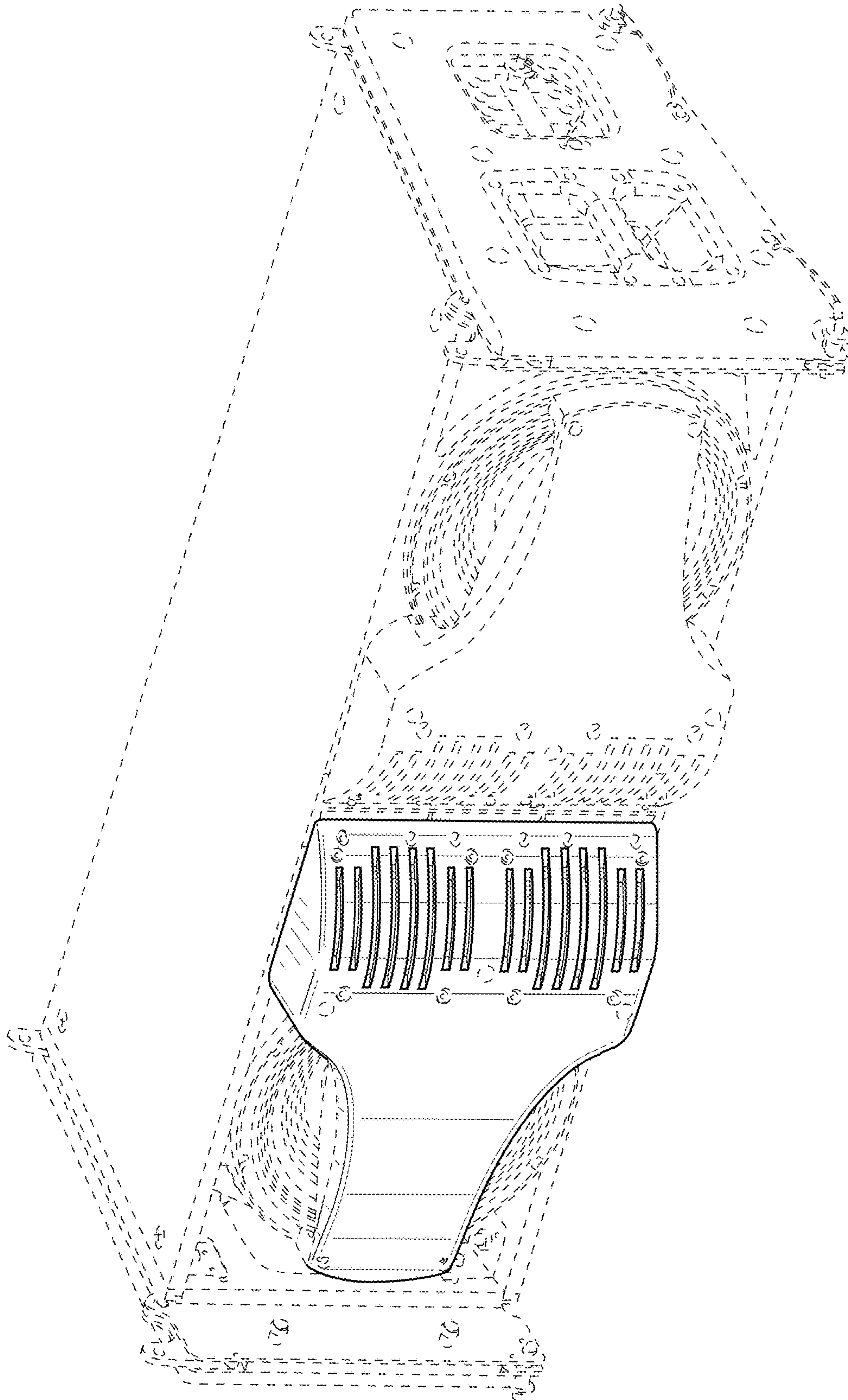


FIG. 2

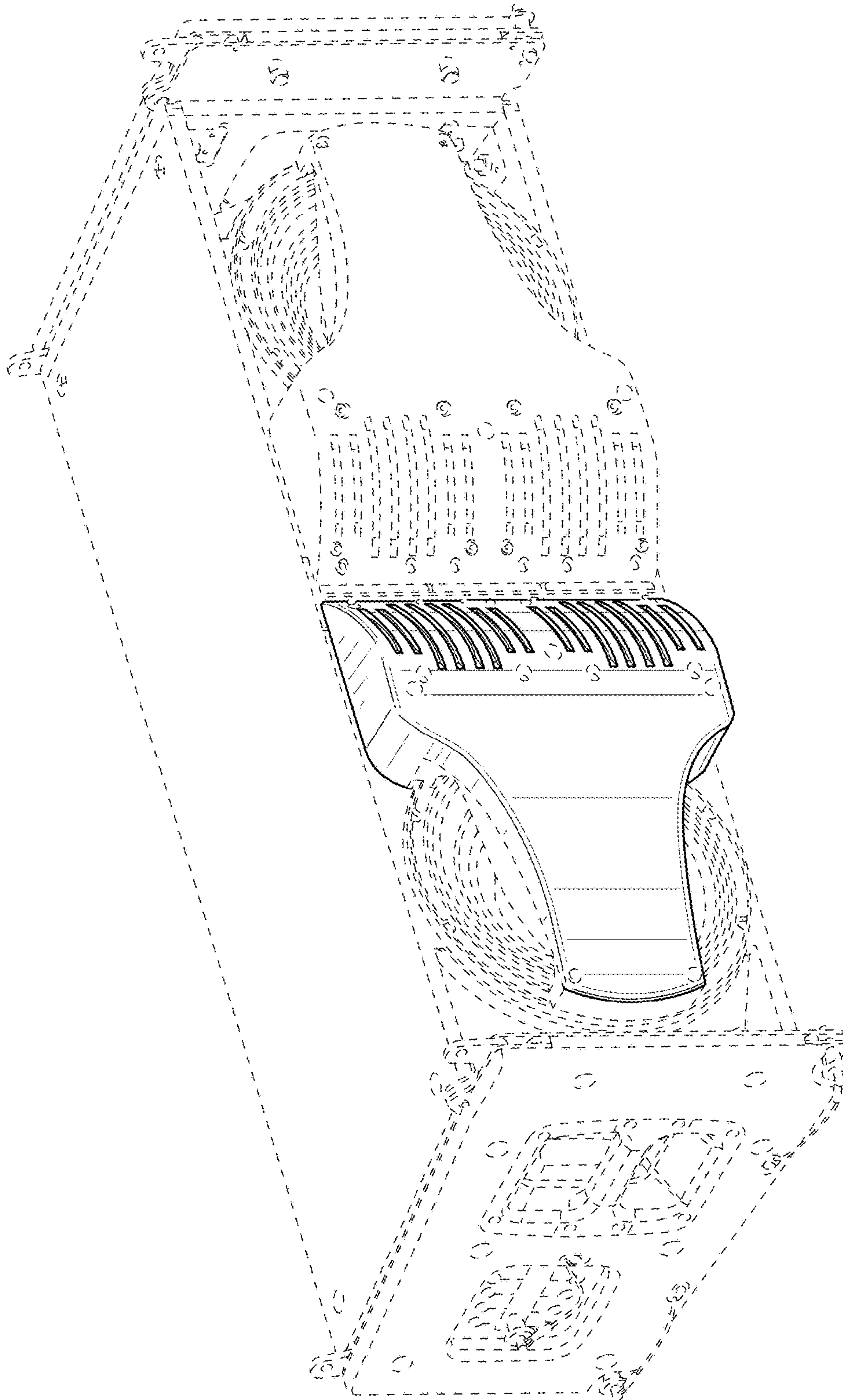


FIG. 3

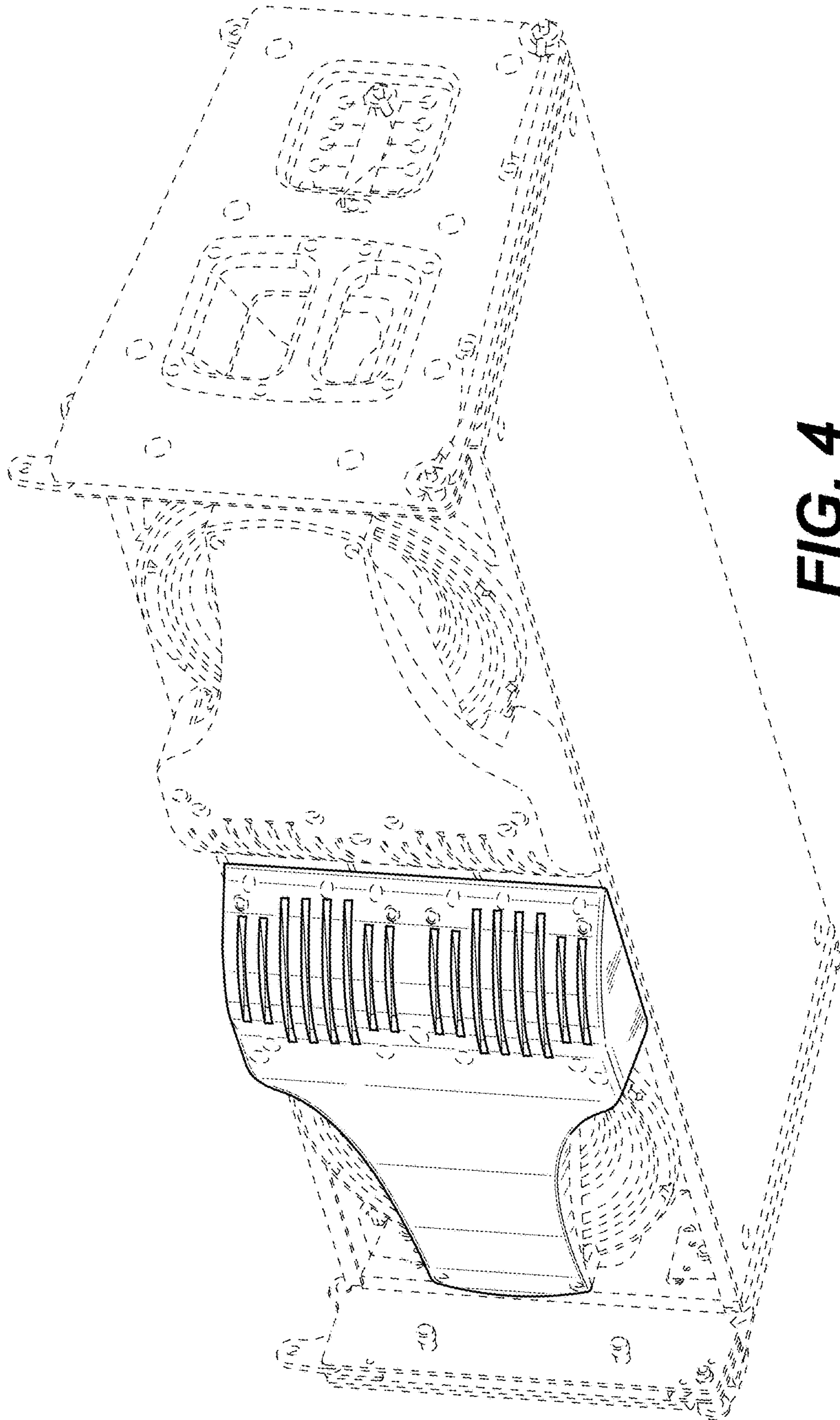


FIG. 4

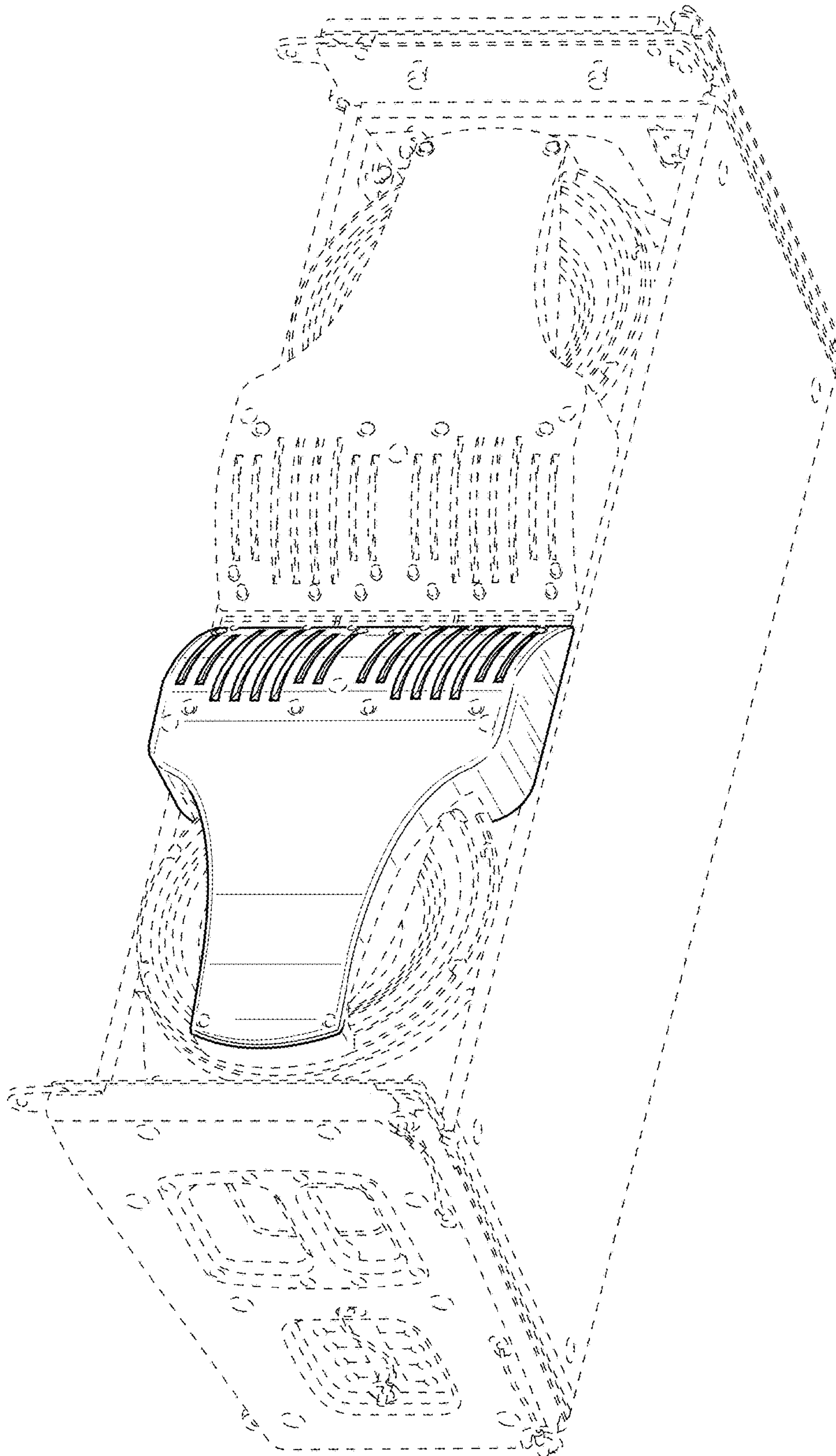


FIG. 5

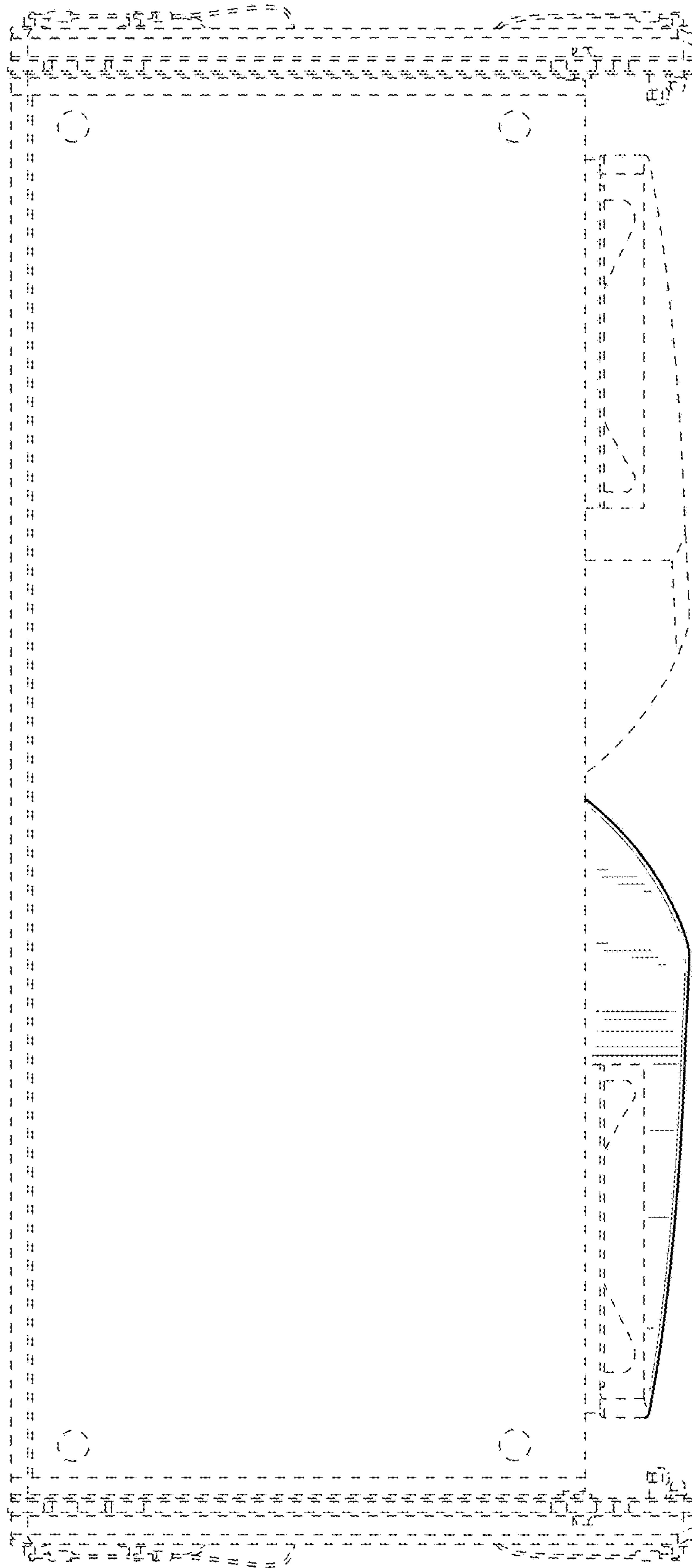


FIG. 6

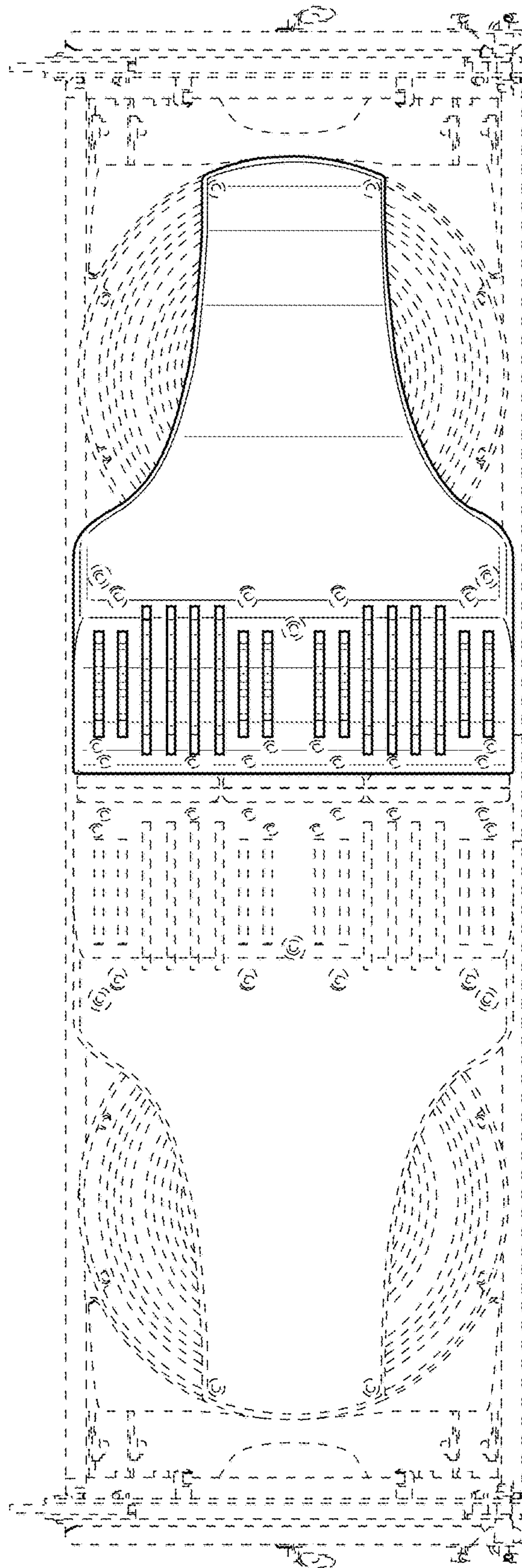


FIG. 7

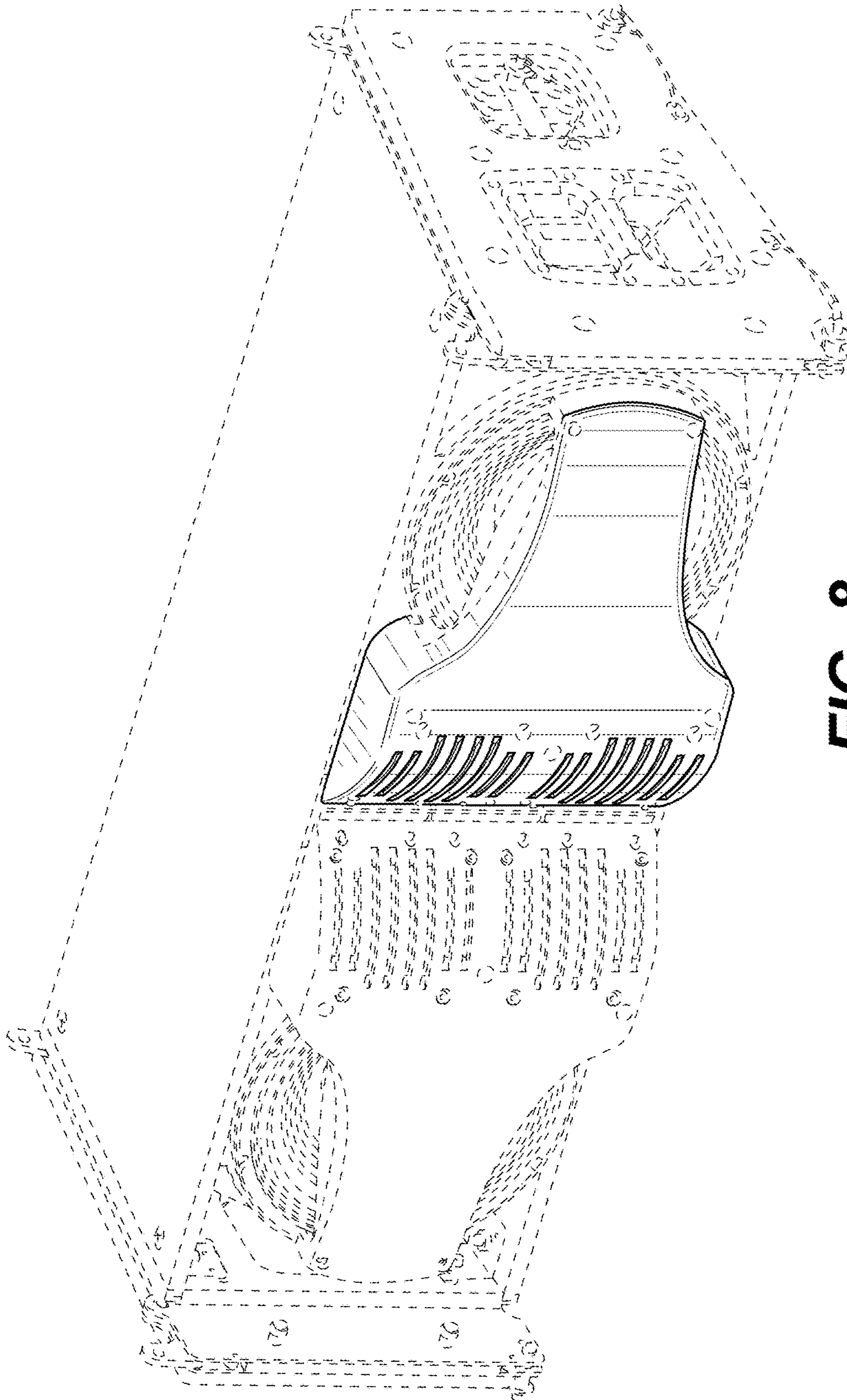


FIG. 8

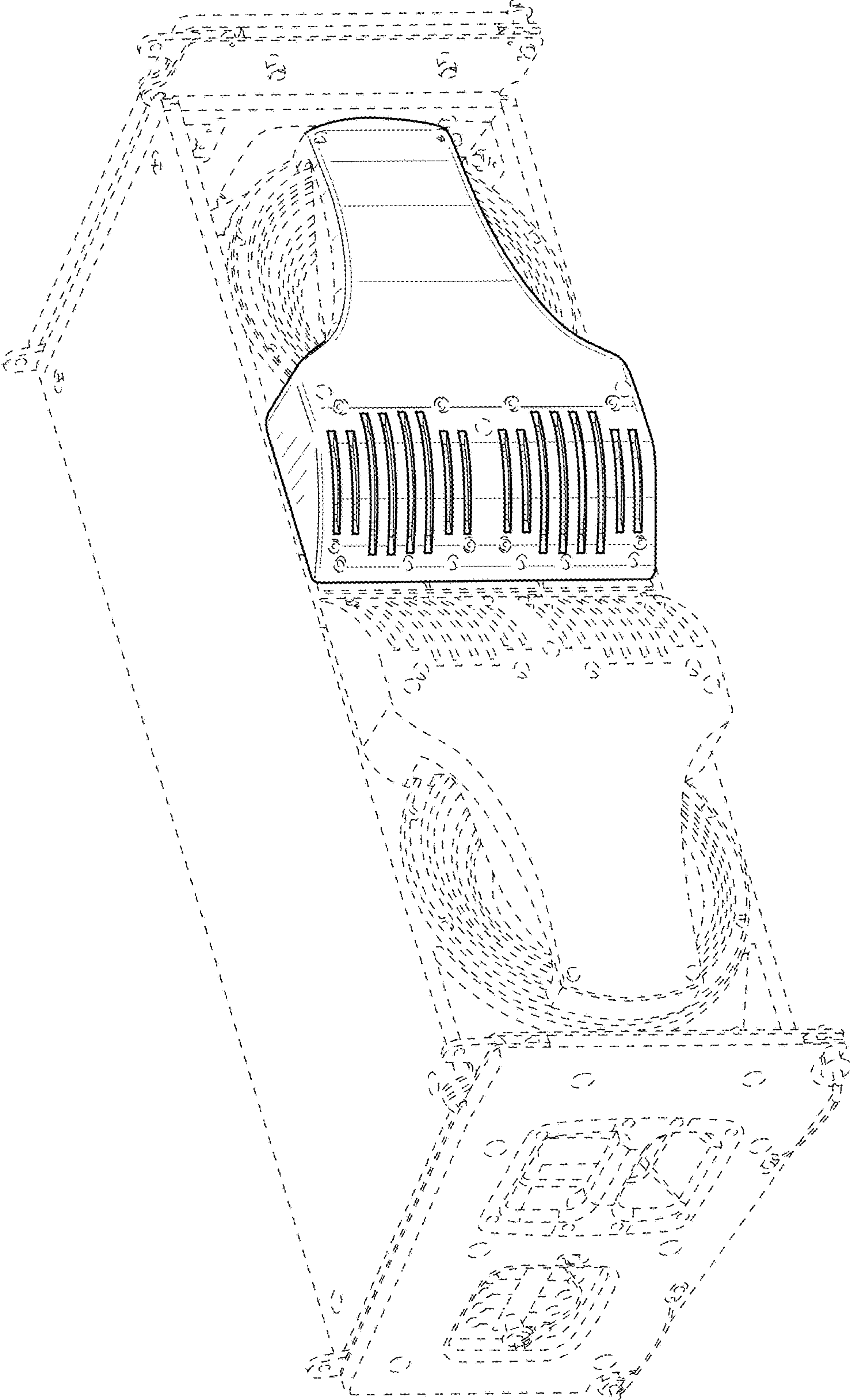


FIG. 9

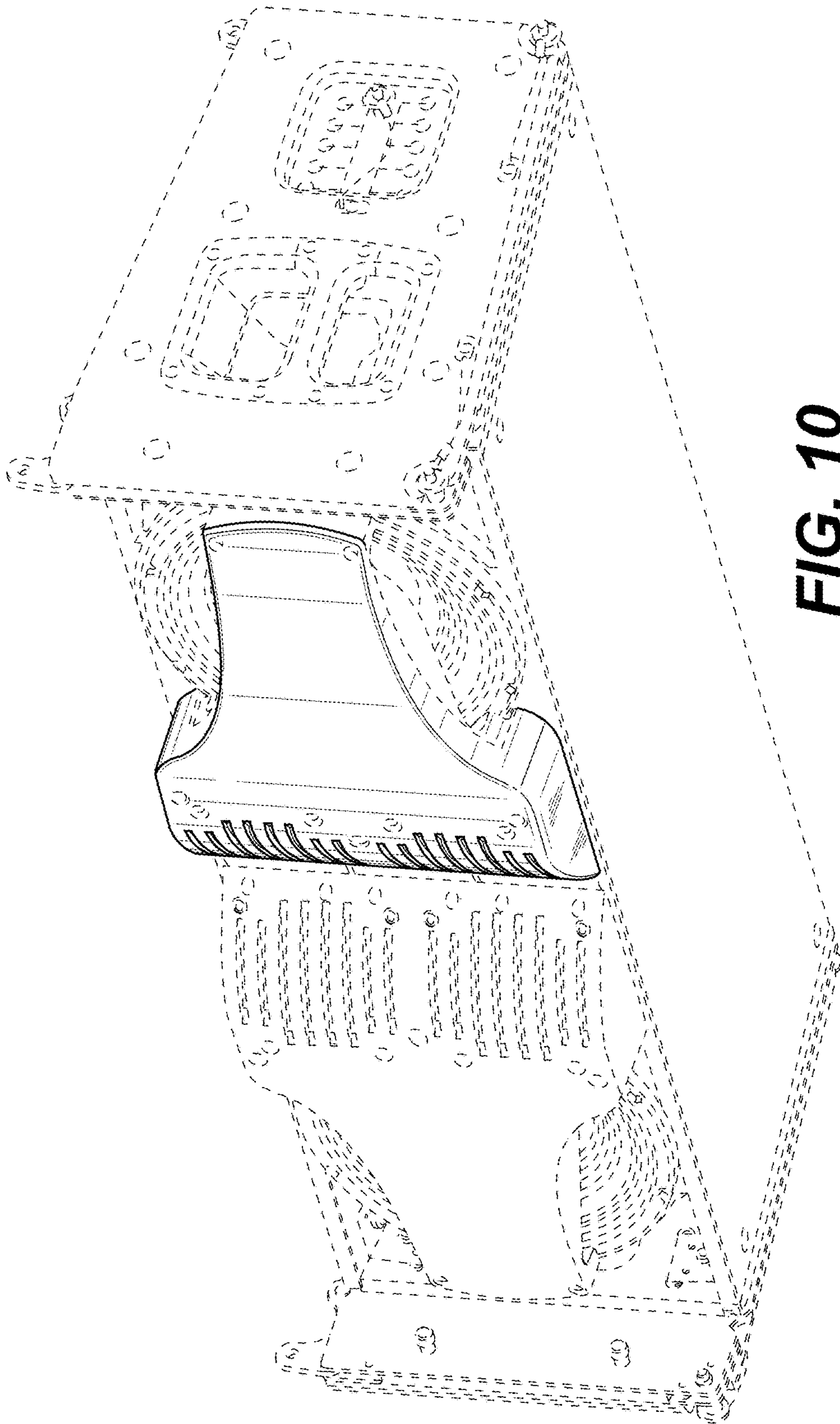


FIG. 10

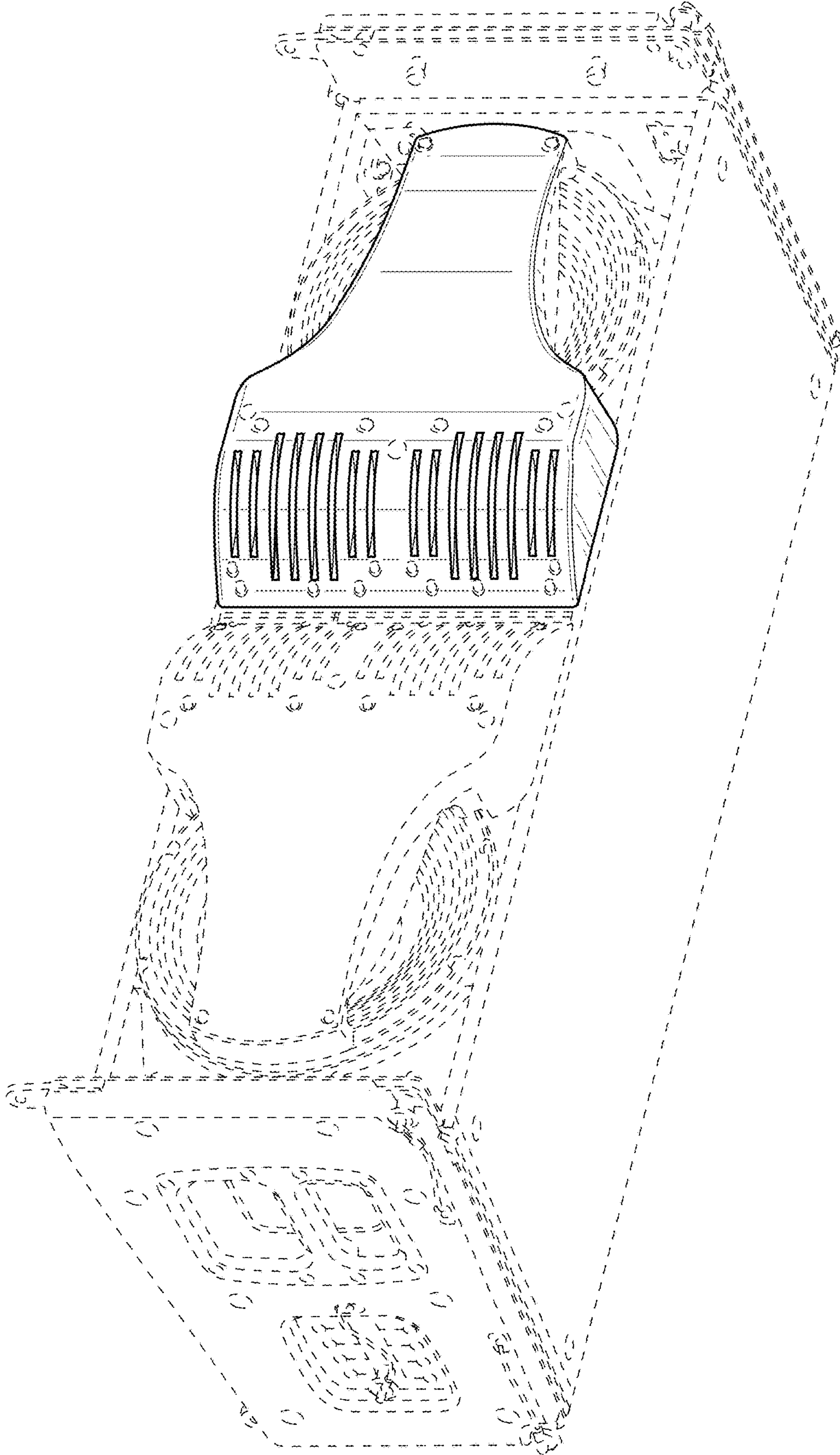


FIG. 11

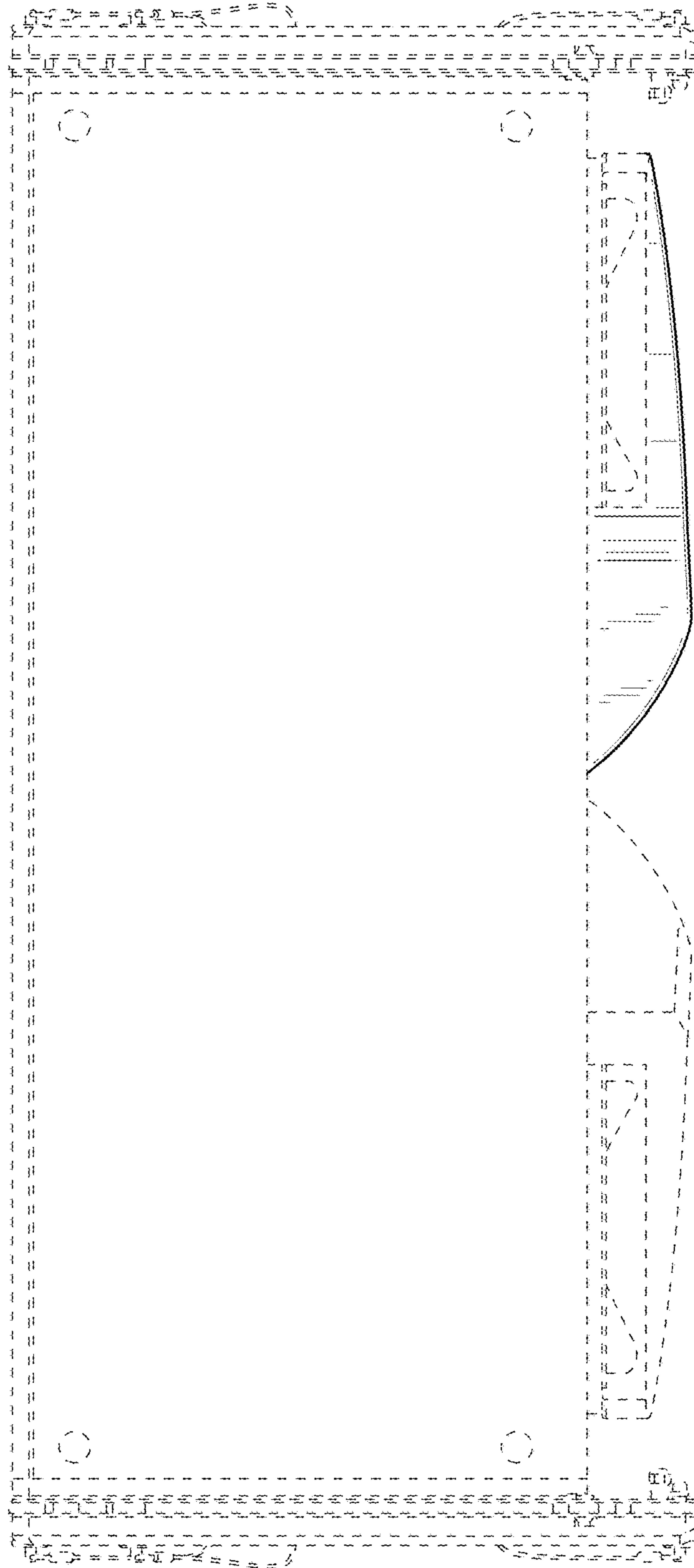


FIG. 12