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(12) **United States Design Patent** (10) **Patent No.:** **US D884,899 S**
Masuda et al. (45) **Date of Patent:** **** May 19, 2020**

(54) **MEDICAL BREAST EXAMINATION DEVICE**

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(73) Assignee: **Hitachi, Ltd.**, Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/158**; D24/184

(58) **Field of Classification Search**
USPC D24/107, 158–161, 183–186; D6/601, D6/604, 605
CPC ... A61B 6/0435; A61B 6/0457; A61B 6/0442; A61B 6/502; A61B 5/0555; A61B 8/0825; A61B 8/406
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,556,081 A * 1/1971 Jones A61B 8/0825
600/437
D578,220 S * 10/2008 Ebarb D24/184
D628,295 S * 11/2010 Sakai D24/158
D723,305 S * 3/2015 Paperno D6/596

D773,054 S * 11/2016 Weilert D24/183
D788,309 S * 5/2017 Yamaguchi D24/158
D794,356 S * 8/2017 McWilliams D6/601
D815,860 S * 4/2018 Krishtul D6/601

(Continued)

FOREIGN PATENT DOCUMENTS

CN D3214827 S 12/2001
CN D301362490 S 6/2010

(Continued)

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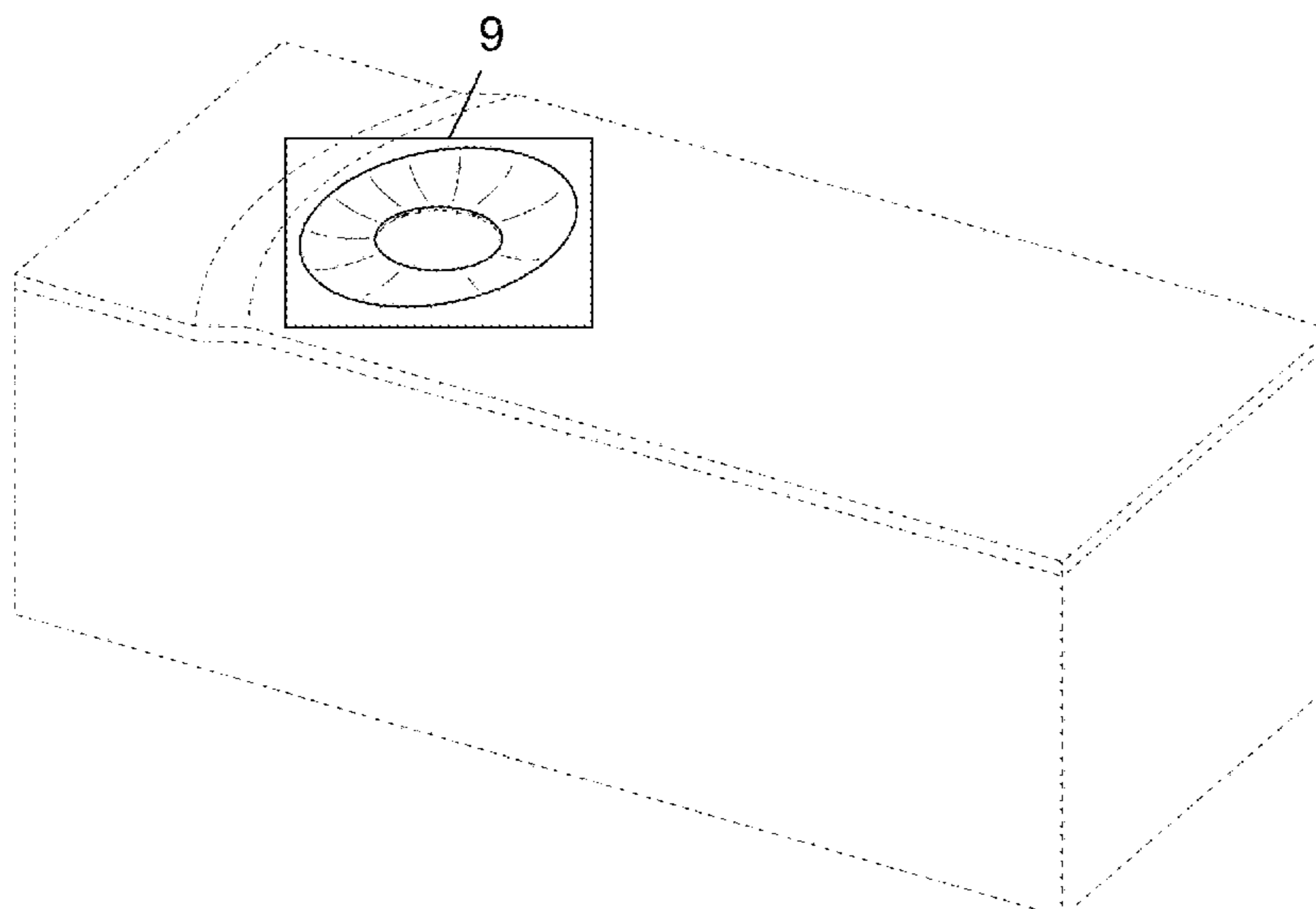
(57) **CLAIM**

The ornamental design for a medical breast examination device, as shown and described.

DESCRIPTION

FIG. 1 is a front, bottom and right side perspective view of a medical breast examination device according to the design; FIG. 2 is a front elevational view thereof; FIG. 3 is a left side elevational view thereof; FIG. 4 is a right side elevational view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a rear elevational view thereof; FIG. 8 is a cross-sectional view taken along line 8-8 of FIG. 2; FIG. 9 is an enlarged view of the portion shown in box 9 in FIG. 1; FIG. 10 is an enlarged view of the portion shown in box 10 in FIG. 8; and, FIG. 11 is an explanatory view showing a possible use. The evenly spaced dash lines represent environmental subject matter and are for illustrative purposes only. The alternate long and short dash lines define the boundaries of the claim. None of the broken lines form a part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2004/0064046 A1* 4/2004 Shehada A61B 8/0825
600/437
2008/0187095 A1* 8/2008 Boone A61B 8/0825
378/37
2008/0319318 A1* 12/2008 Johnson A61B 8/0825
600/445
2009/0064413 A1* 3/2009 Sliski A61B 5/415
5/601
2009/0238332 A1* 9/2009 Farrell-Trent A61B 6/0435
378/37
2011/0047702 A1* 3/2011 Diao A61B 6/0435
5/601
2016/0089292 A1* 3/2016 Albanese A61G 13/06
128/845

FOREIGN PATENT DOCUMENTS

CN D302155924 S 10/2012
JP D1428063 S 11/2011
JP D1513538 S 12/2014
JP D1540057 S 12/2015

* cited by examiner

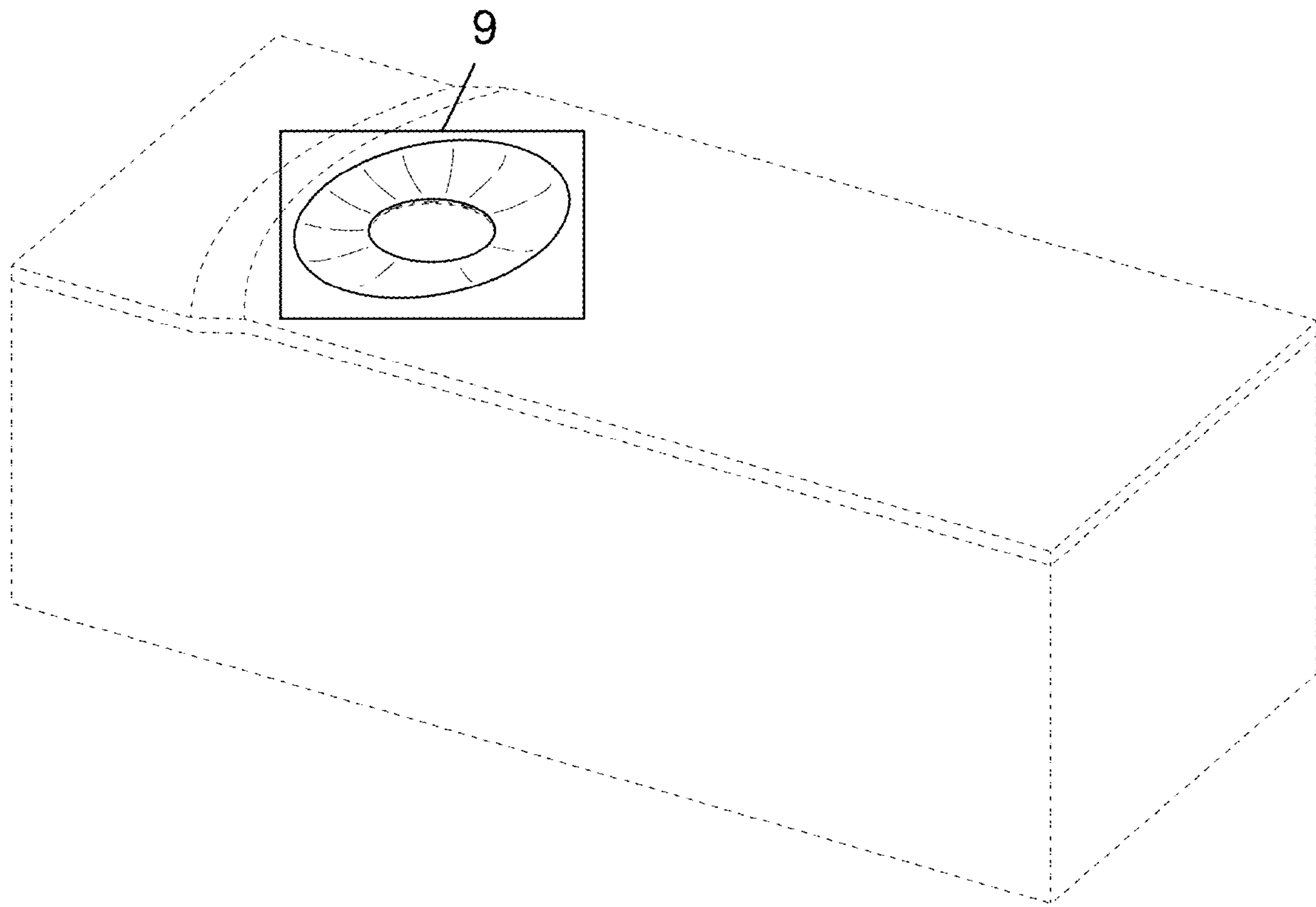


FIG. 1

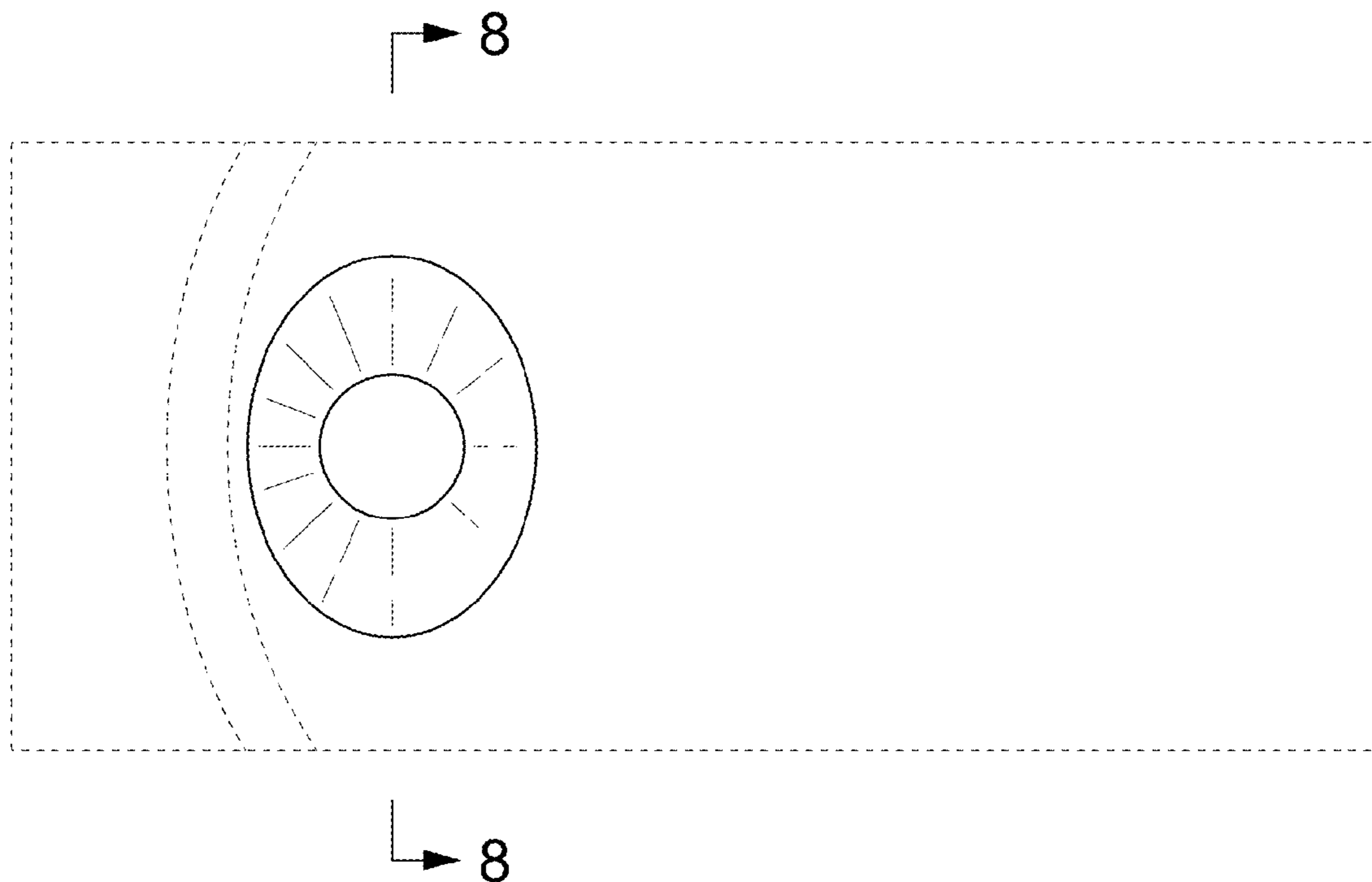


FIG. 2

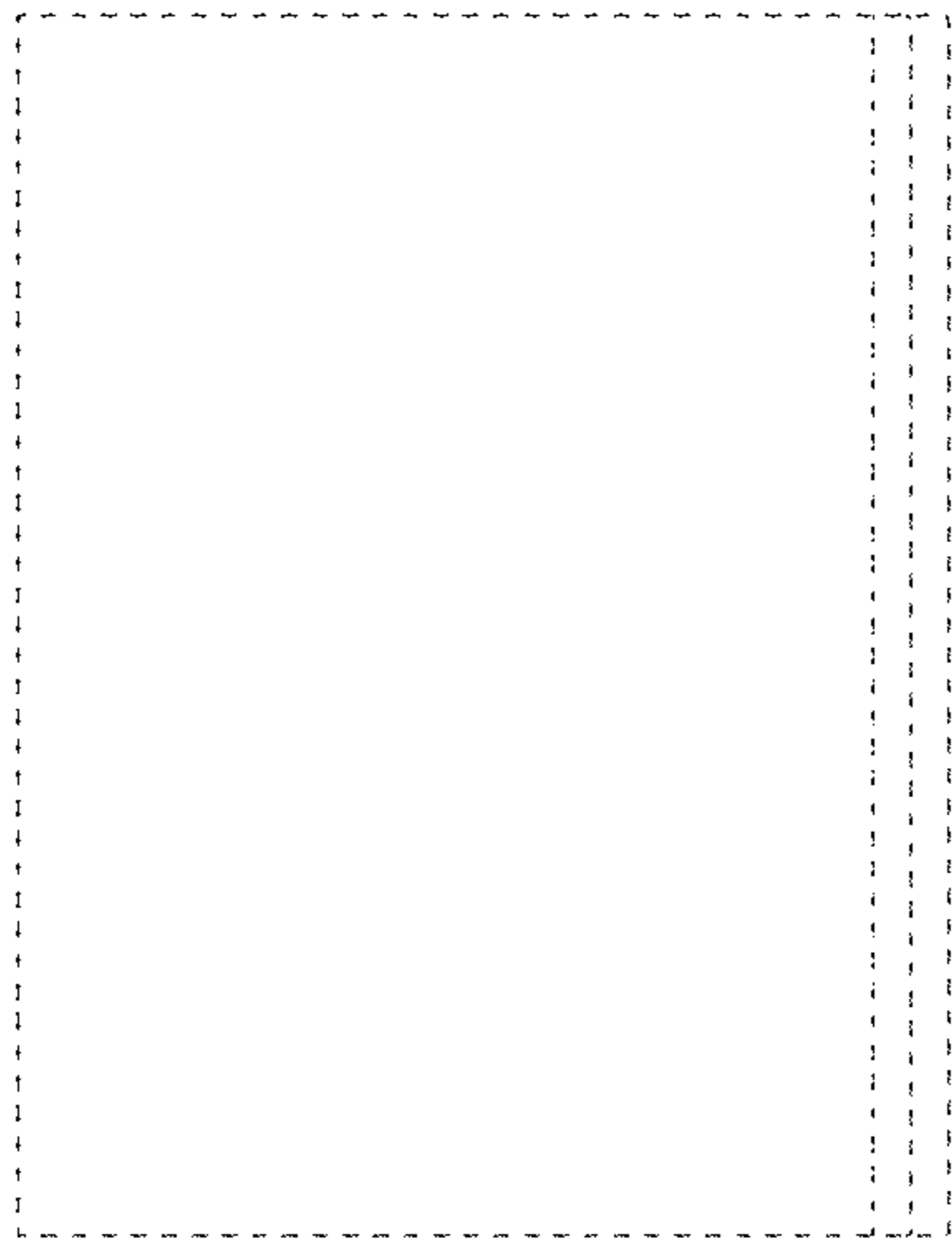


FIG. 3

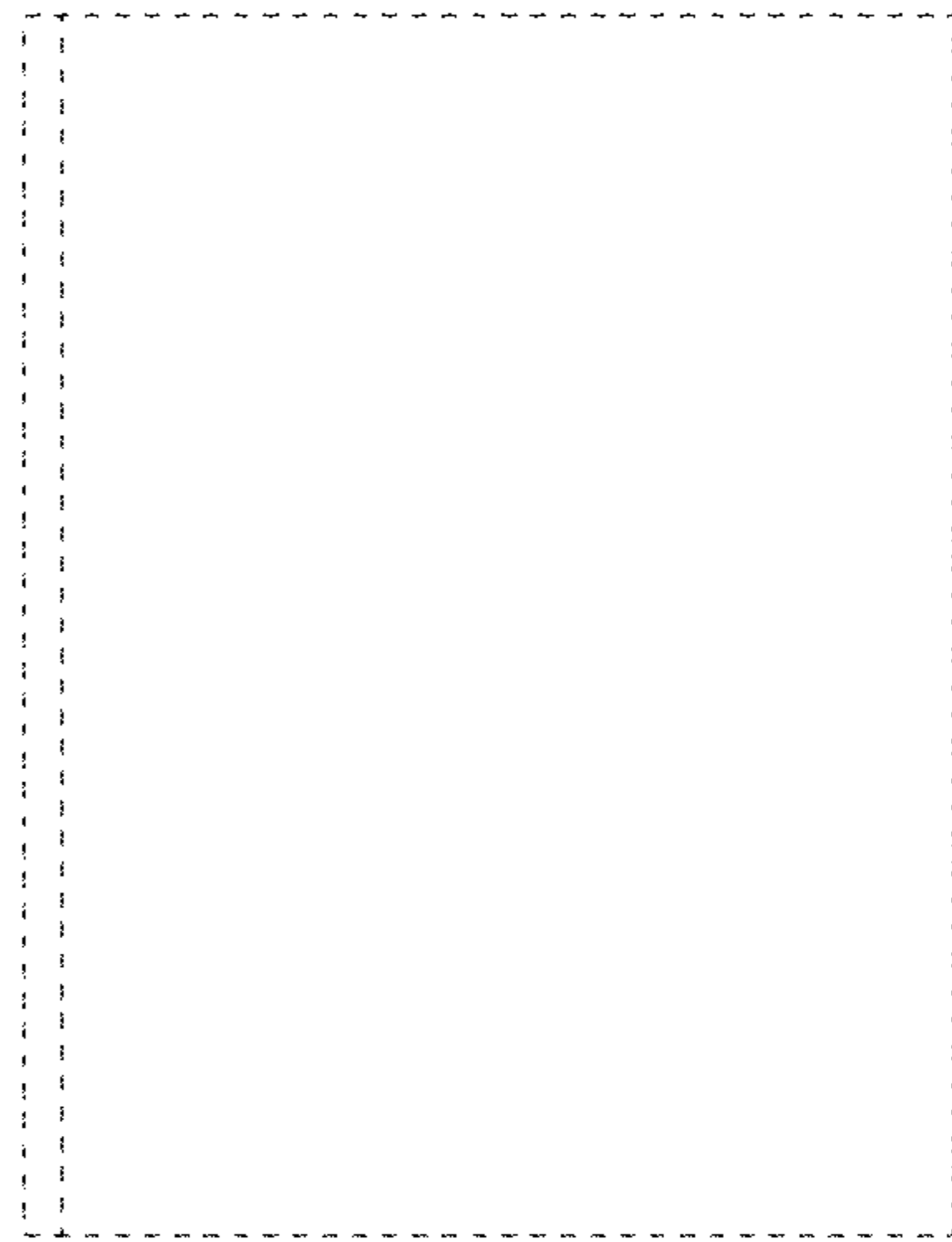


FIG. 4

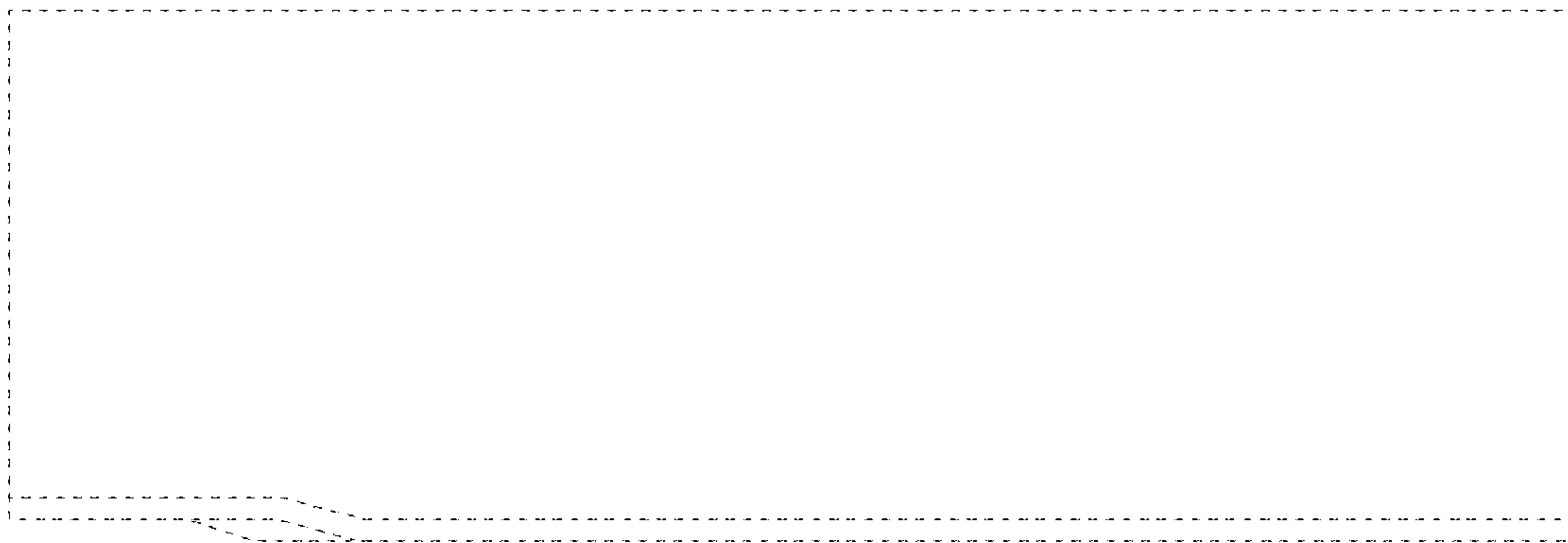


FIG. 5

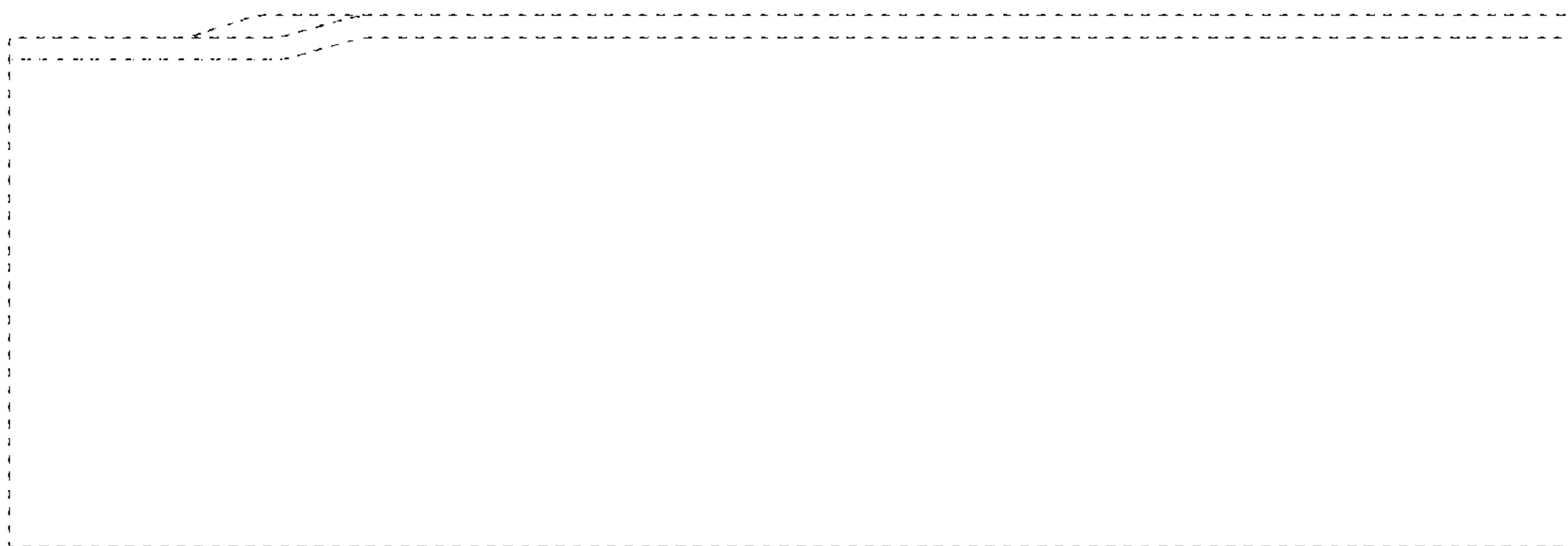


FIG. 6

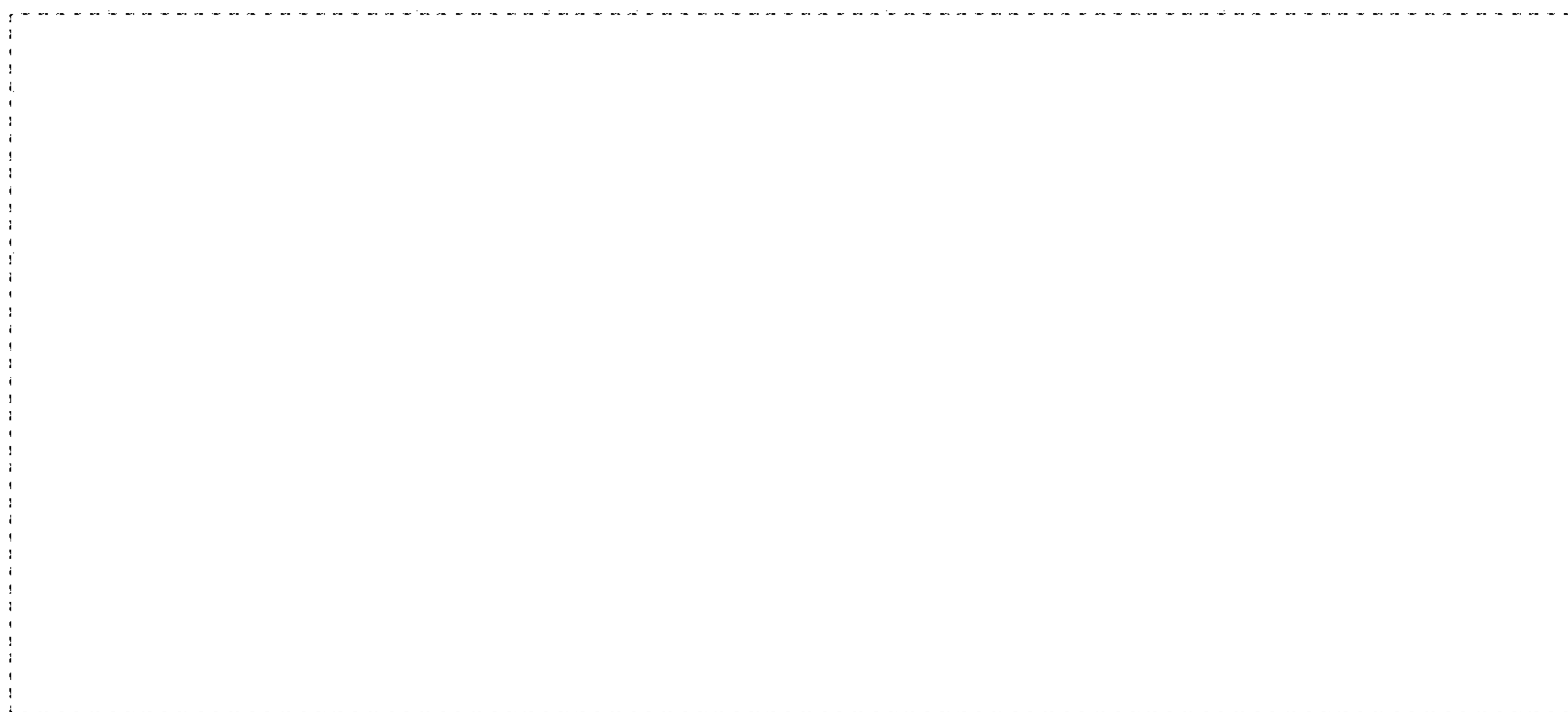


FIG. 7

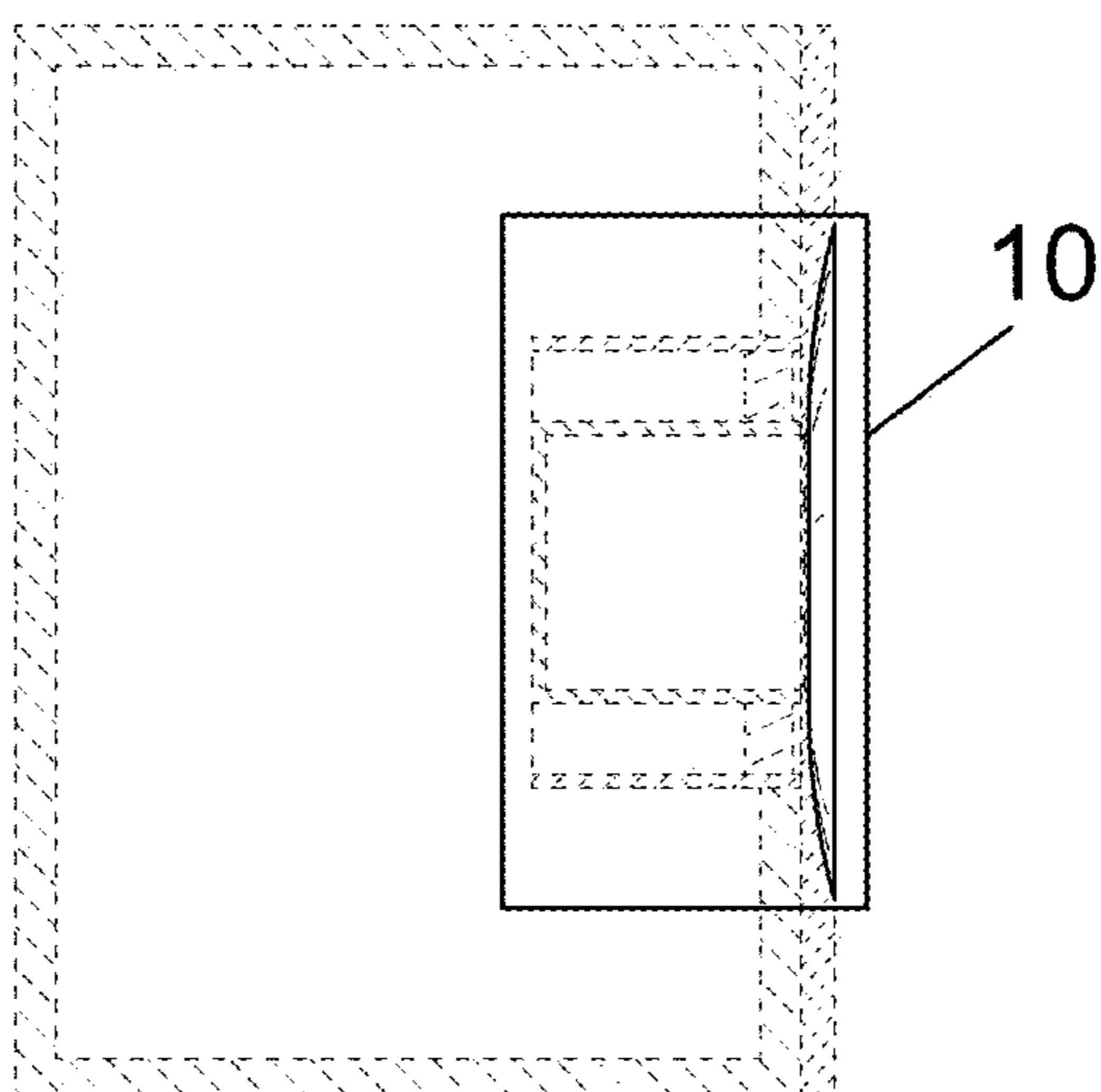


FIG. 8

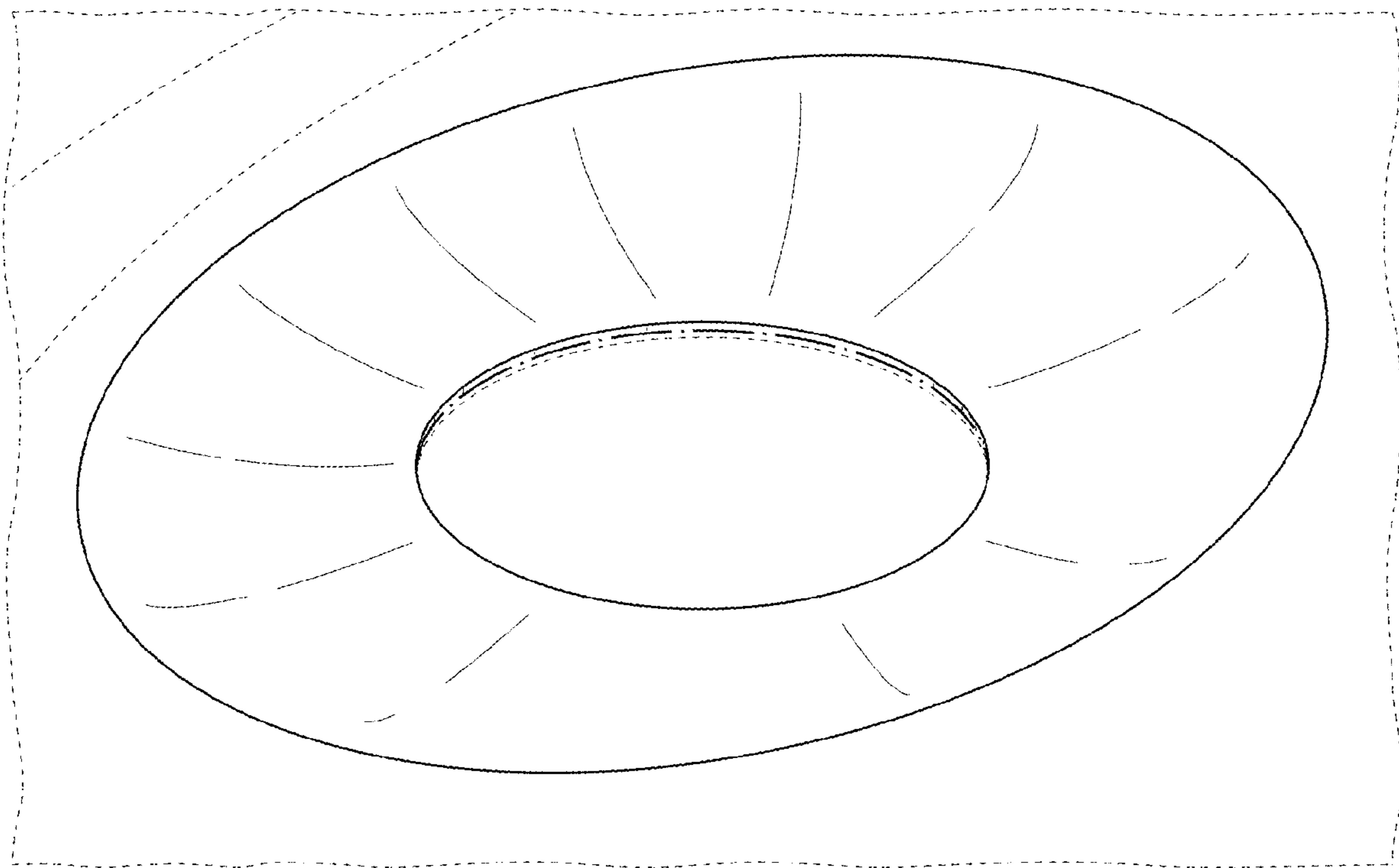


FIG. 9

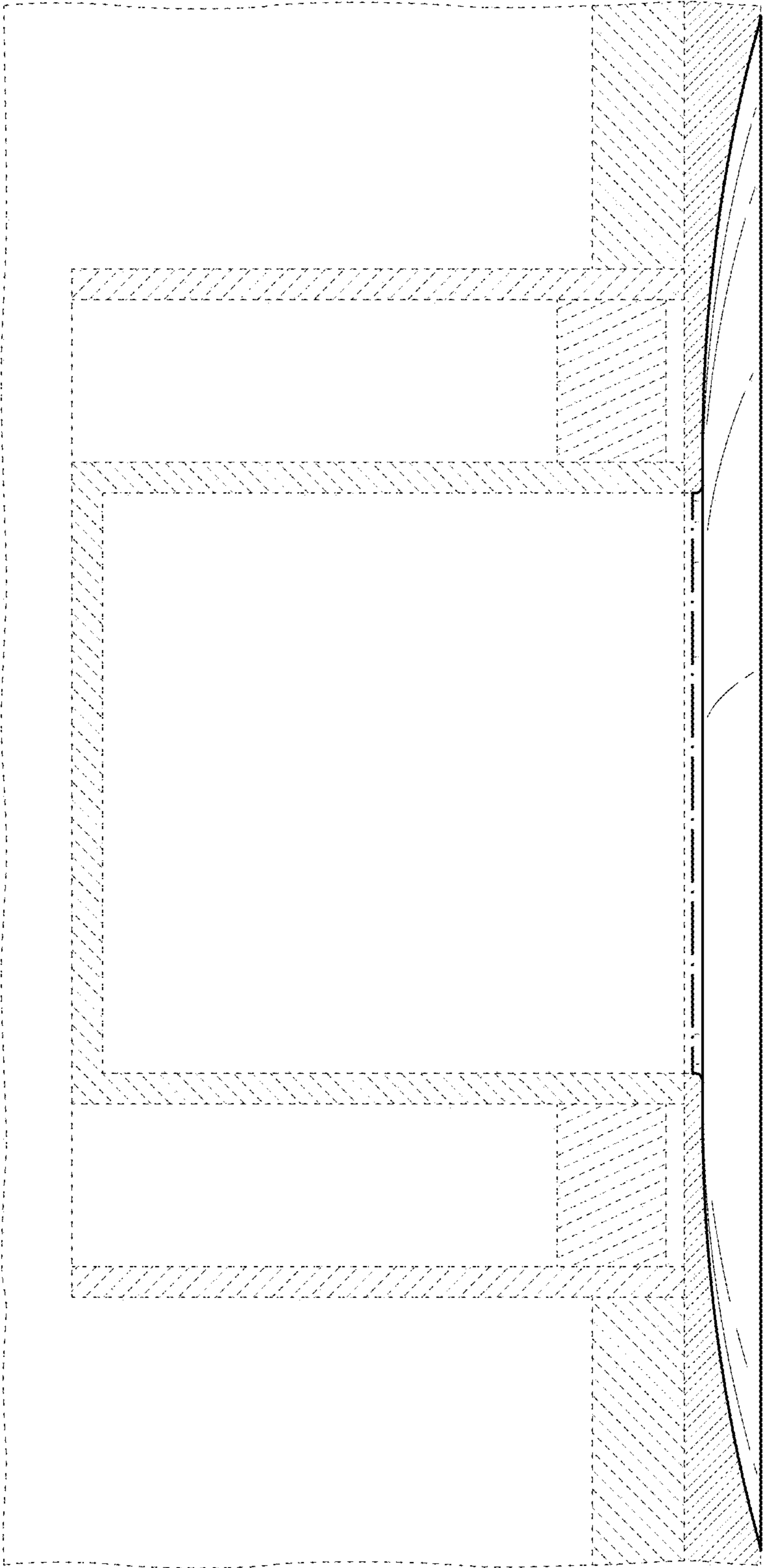


FIG. 10

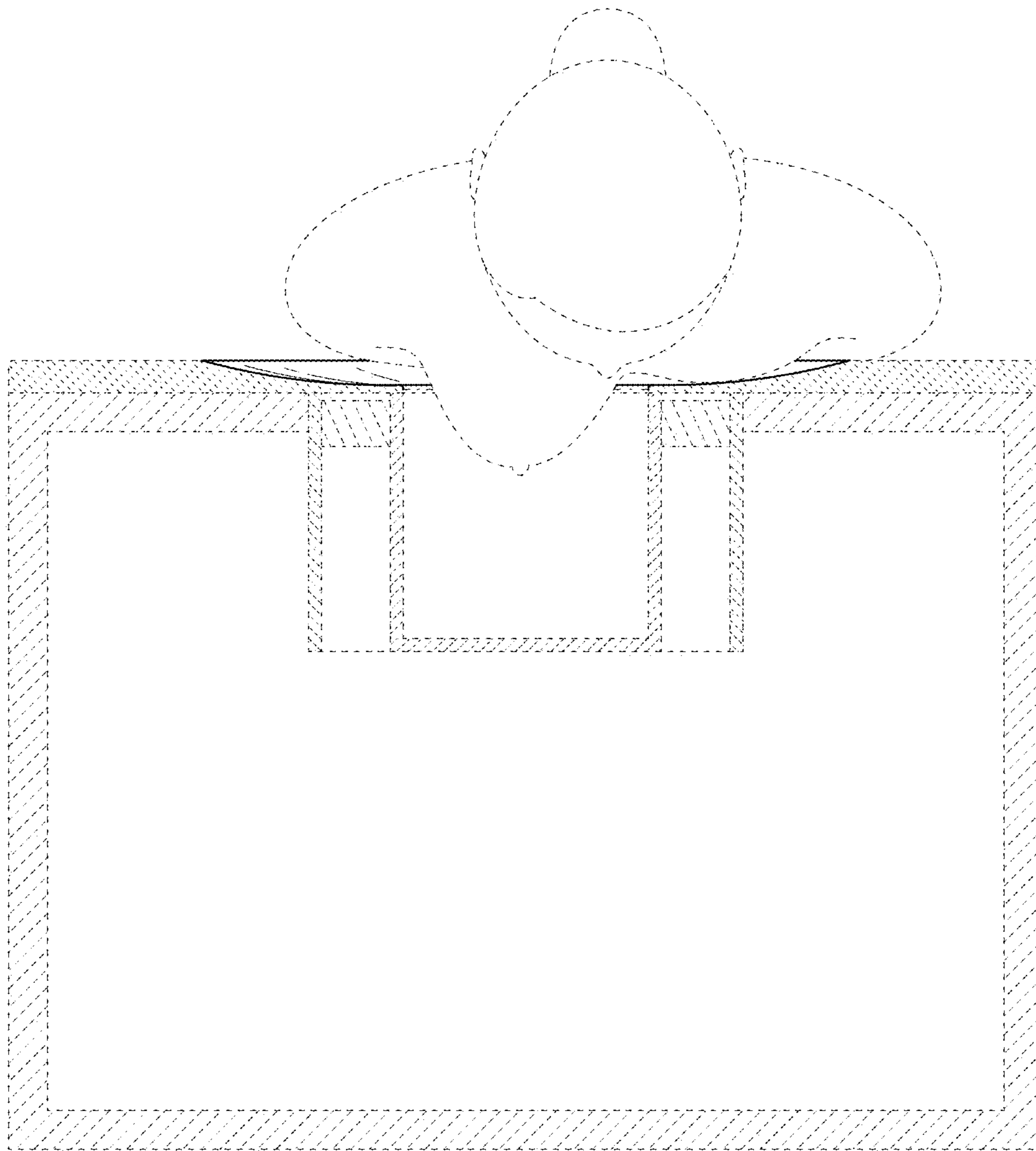


FIG. 11