



US00D729211S

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

(10) **Patent No.:** **US D729,211 S**

(45) **Date of Patent:** **\*\* May 12, 2015**

(54) **VIBRATION UNIT FOR ACOUSTIC MODULE**

(71) Applicant: **Tang Band Industries Co., Ltd.,**  
Ningbo (CN)

(72) Inventor: **Hsin Min Huang,** Ningbo (CN)

(73) Assignee: **Tang Band Industries Co., Ltd.,**  
Ningbo, Zhejiang (CN)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/488,390**

(22) Filed: **Apr. 18, 2014**

(51) **LOC (10) Cl.** ..... **14-01**

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

(58) **Field of Classification Search**  
CPC ..... H04R 7/00; H04R 7/045  
USPC ..... D14/204, 210–216, 221, 222, 172;  
181/143, 144, 147, 148, 150–153, 157,  
181/198, 199; 381/300–303, 306, 332, 333,  
381/336, 345, 361–364, 386–388  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,965,837 A \* 10/1990 Murayama et al. .... 381/186  
5,455,396 A \* 10/1995 Willard et al. .... 181/172

D421,263 S \* 2/2000 Phillips ..... D14/222  
D473,216 S \* 4/2003 Irby et al. .... D14/222  
D650,367 S \* 12/2011 Chen ..... D14/222  
8,237,377 B2 \* 8/2012 Hopper ..... 315/294  
D682,810 S \* 5/2013 Chen ..... D14/222  
D705,756 S \* 5/2014 Kerstein et al. .... D14/222  
D723,010 S \* 2/2015 Moon et al. .... D14/222  
8,965,009 B2 \* 2/2015 Kim et al. .... 381/117

\* cited by examiner

*Primary Examiner* — Prabhakar Deshmukh

(74) *Attorney, Agent, or Firm* — Raymond Y. Chan; David  
and Raymond Patent Firm

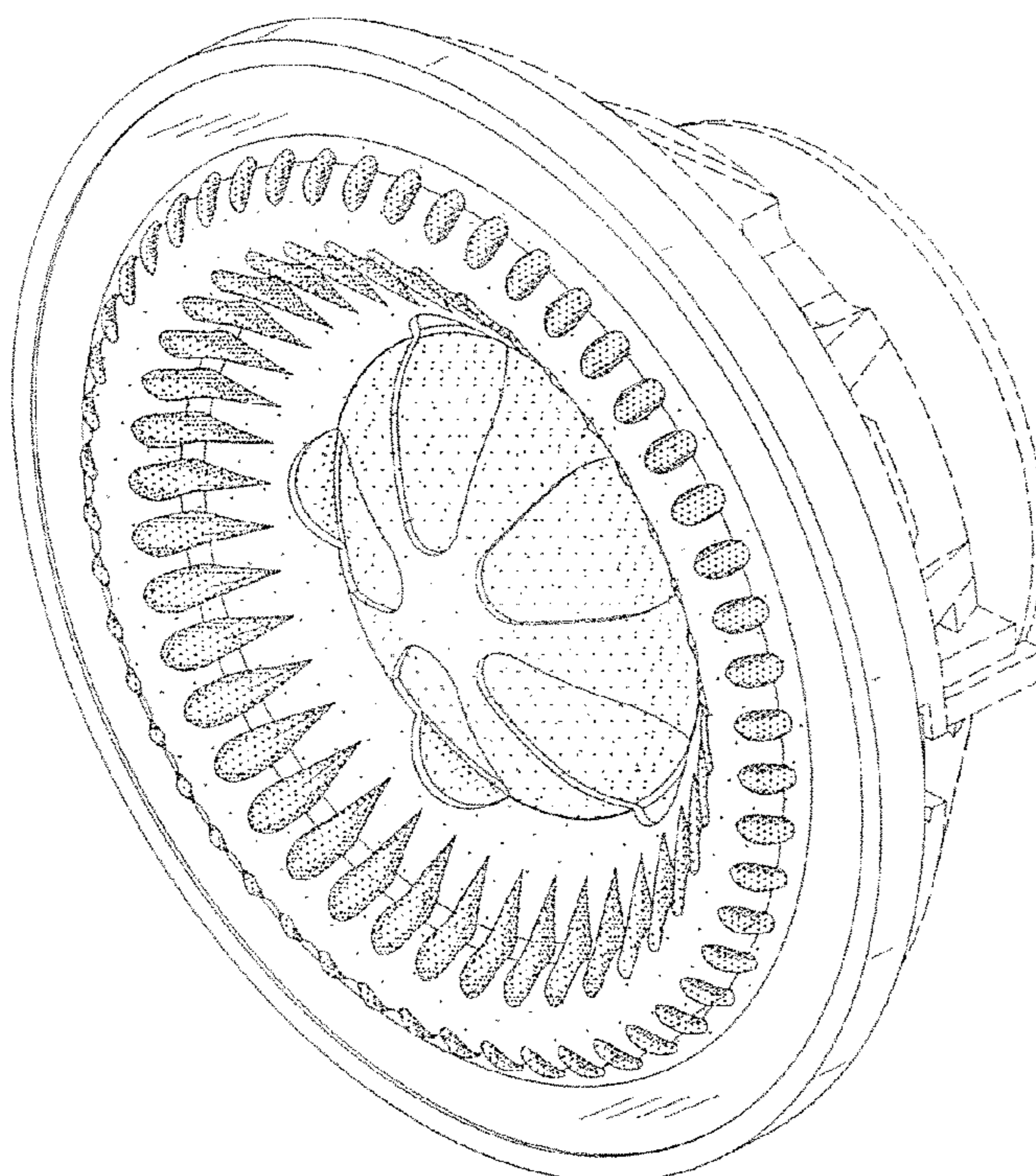
(57) **CLAIM**

The ornamental design for a vibration unit for acoustic mod-  
ule, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of a vibration unit for acoustic  
module showing my new design;  
FIG. 2 is a bottom plan view thereof;  
FIG. 3 is a left side elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a front elevational view thereof;  
FIG. 6 is a rear elevational view thereof; and,  
FIG. 7 is a perspective view thereof.  
The broken lines illustrate unclaimed subject matters and  
form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



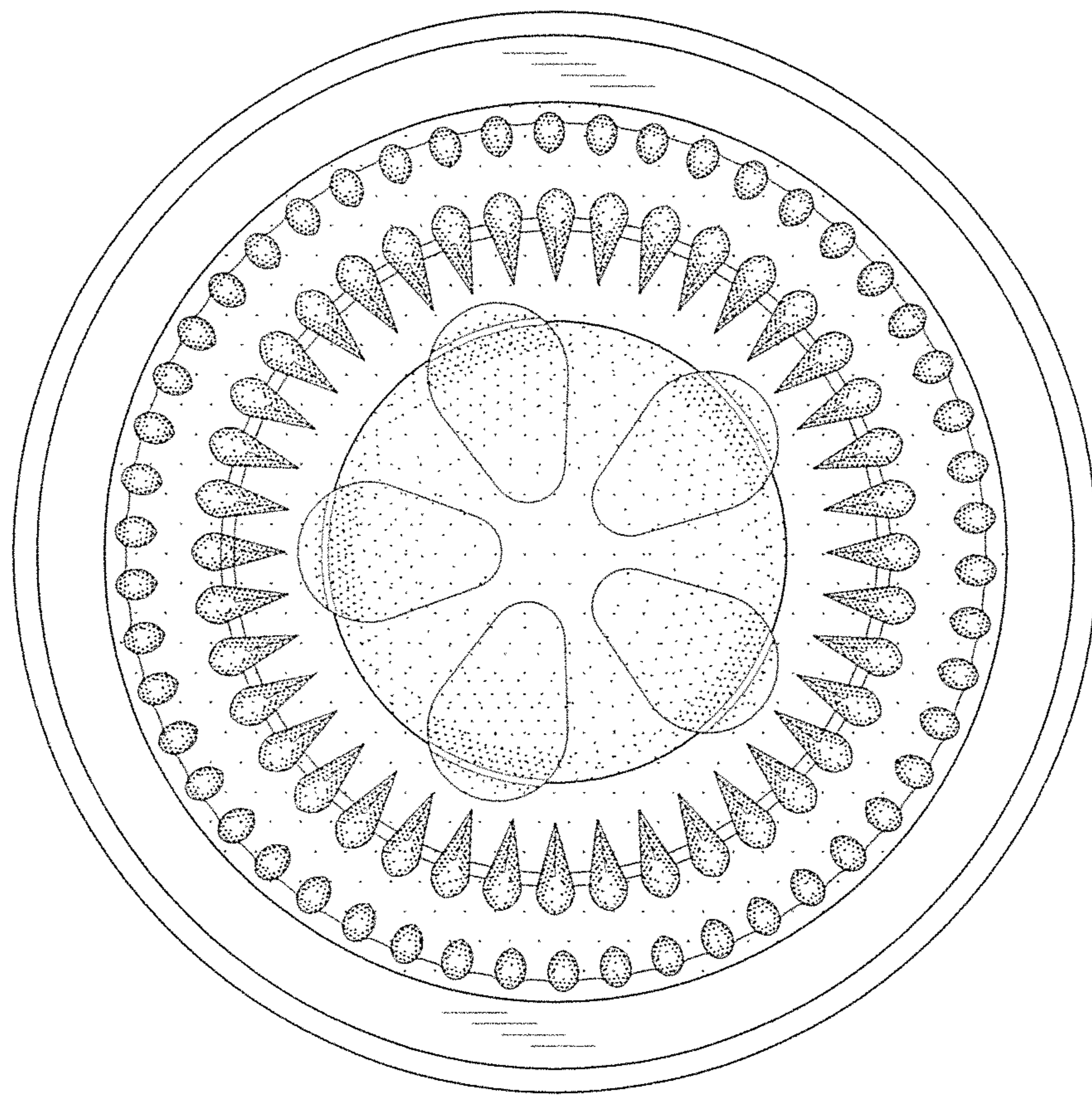


FIG.1

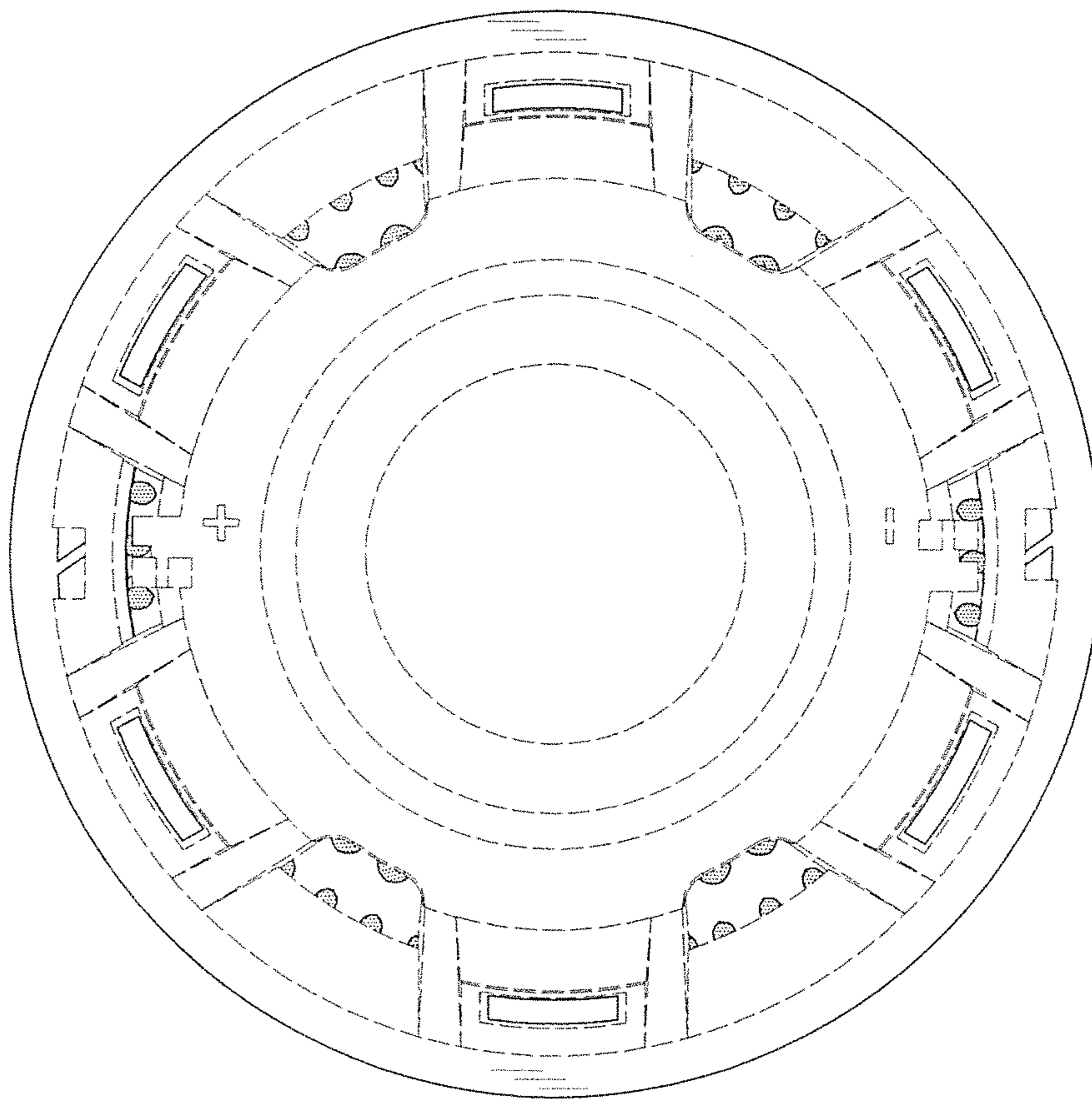


FIG. 2

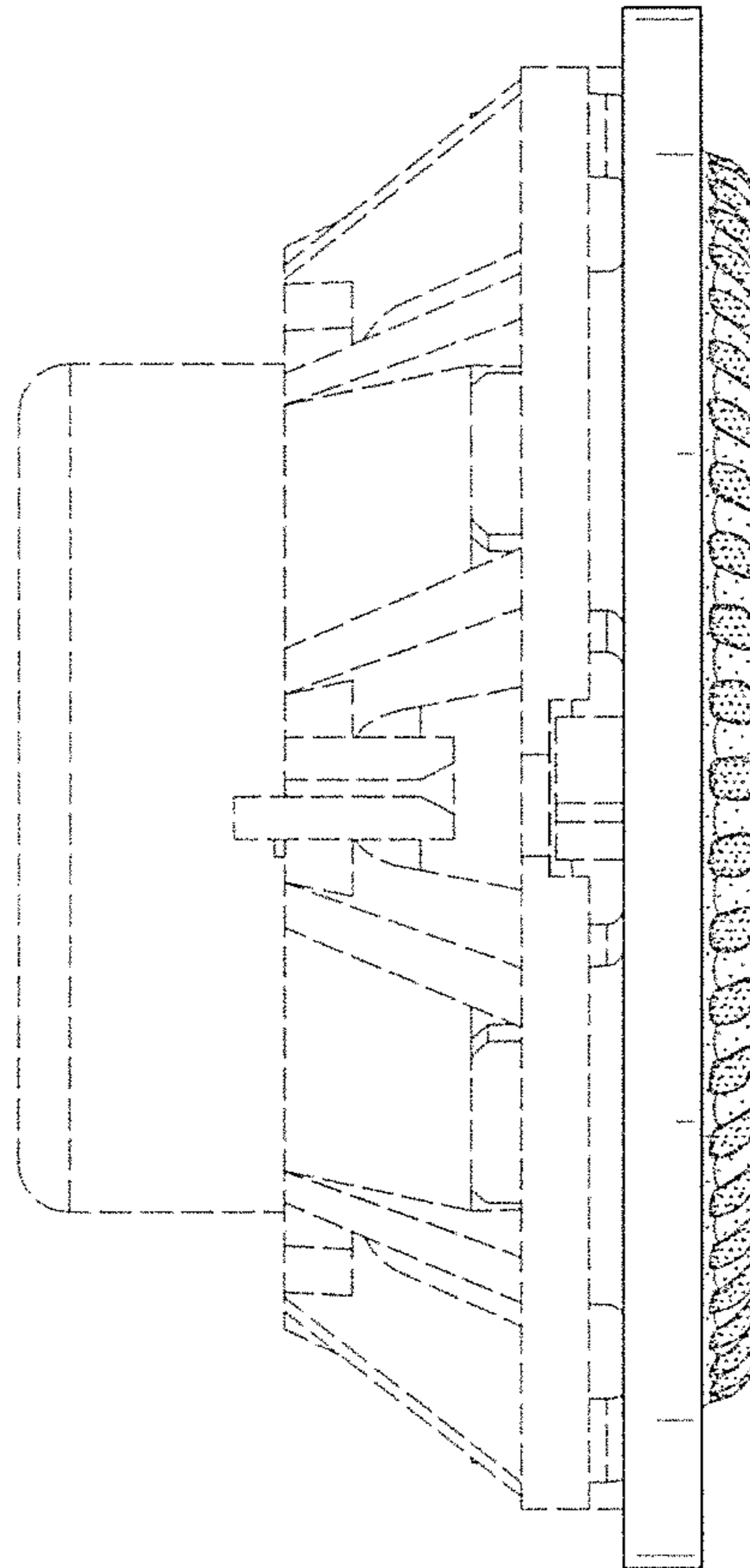


FIG.3

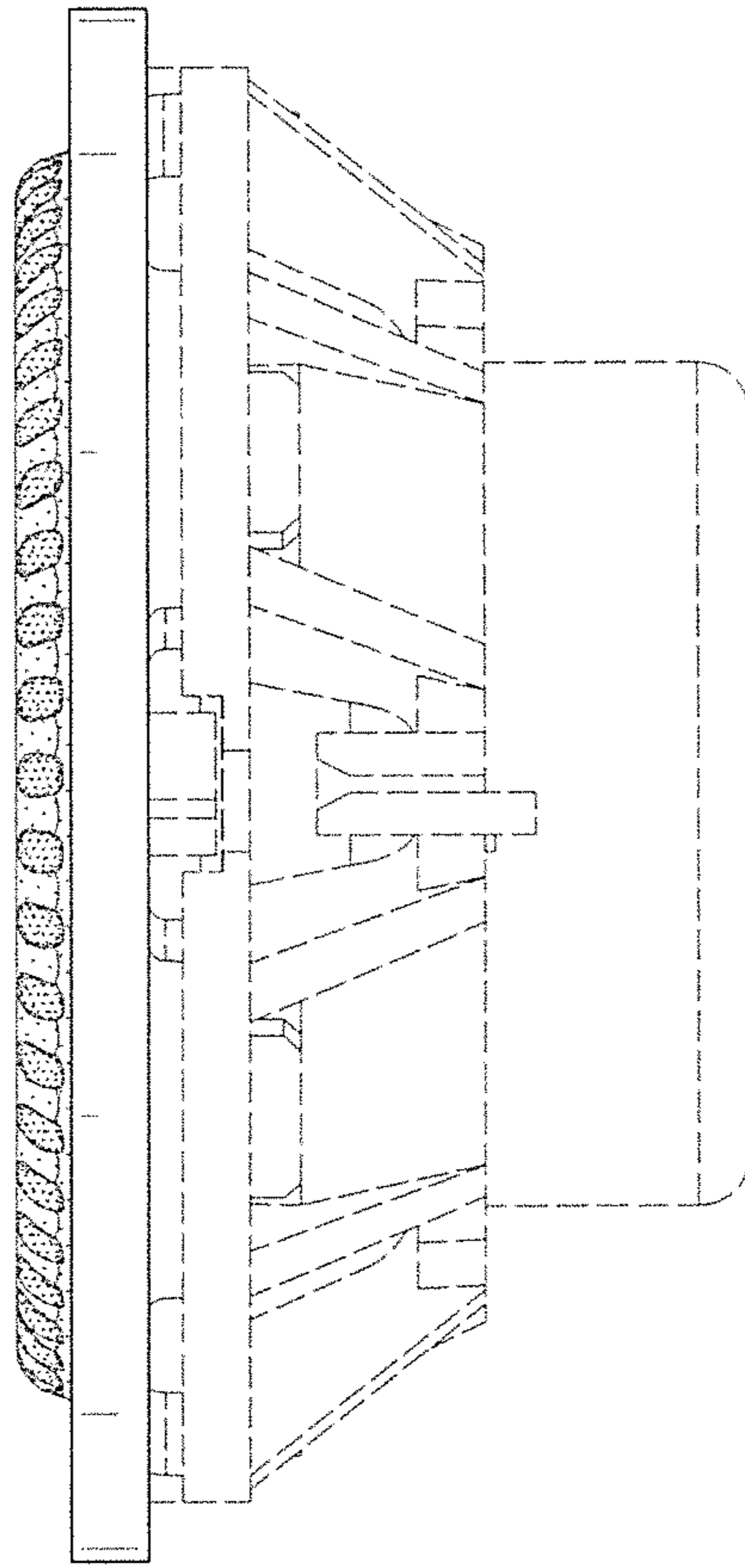


FIG.4

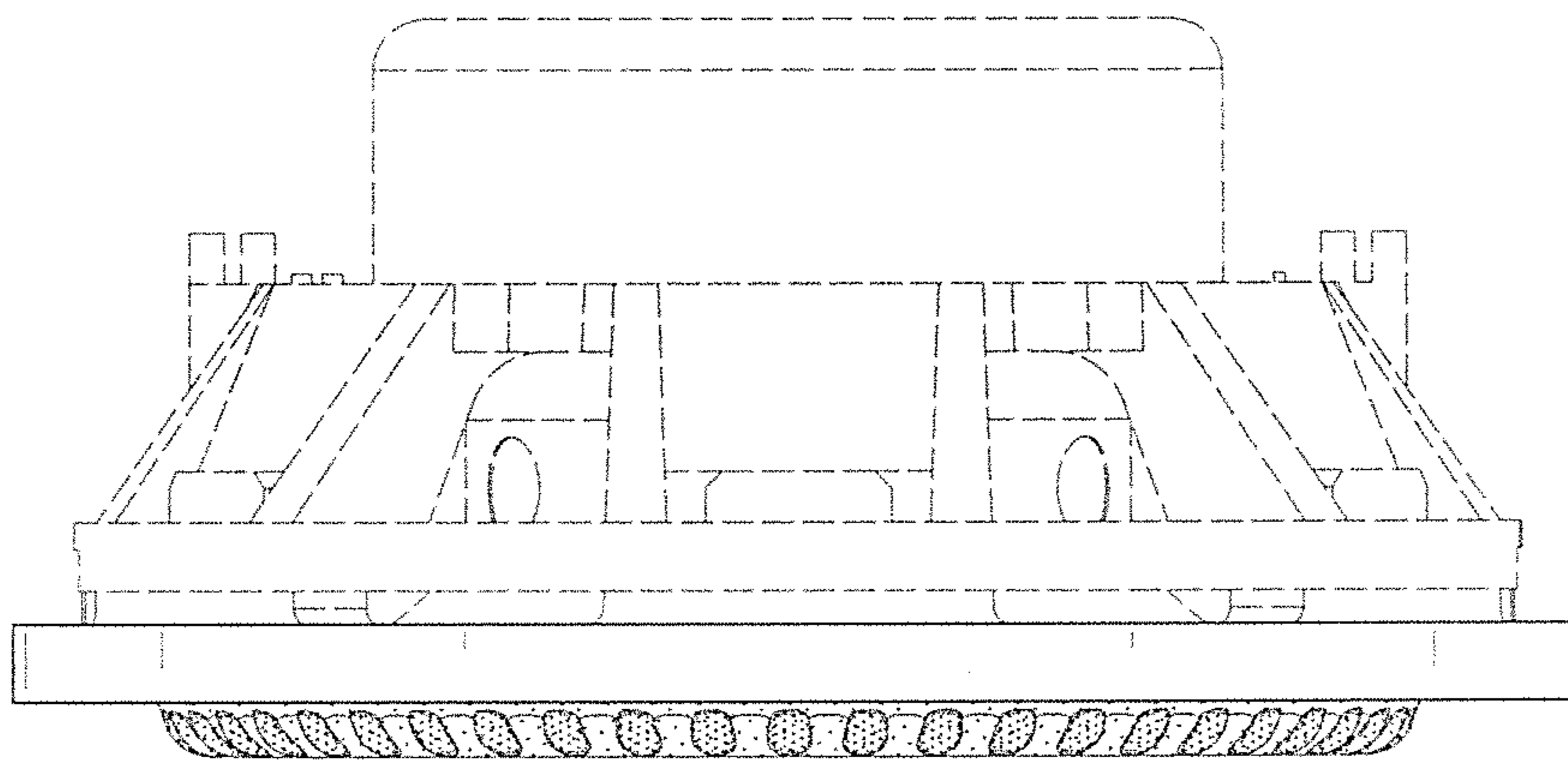


FIG.5

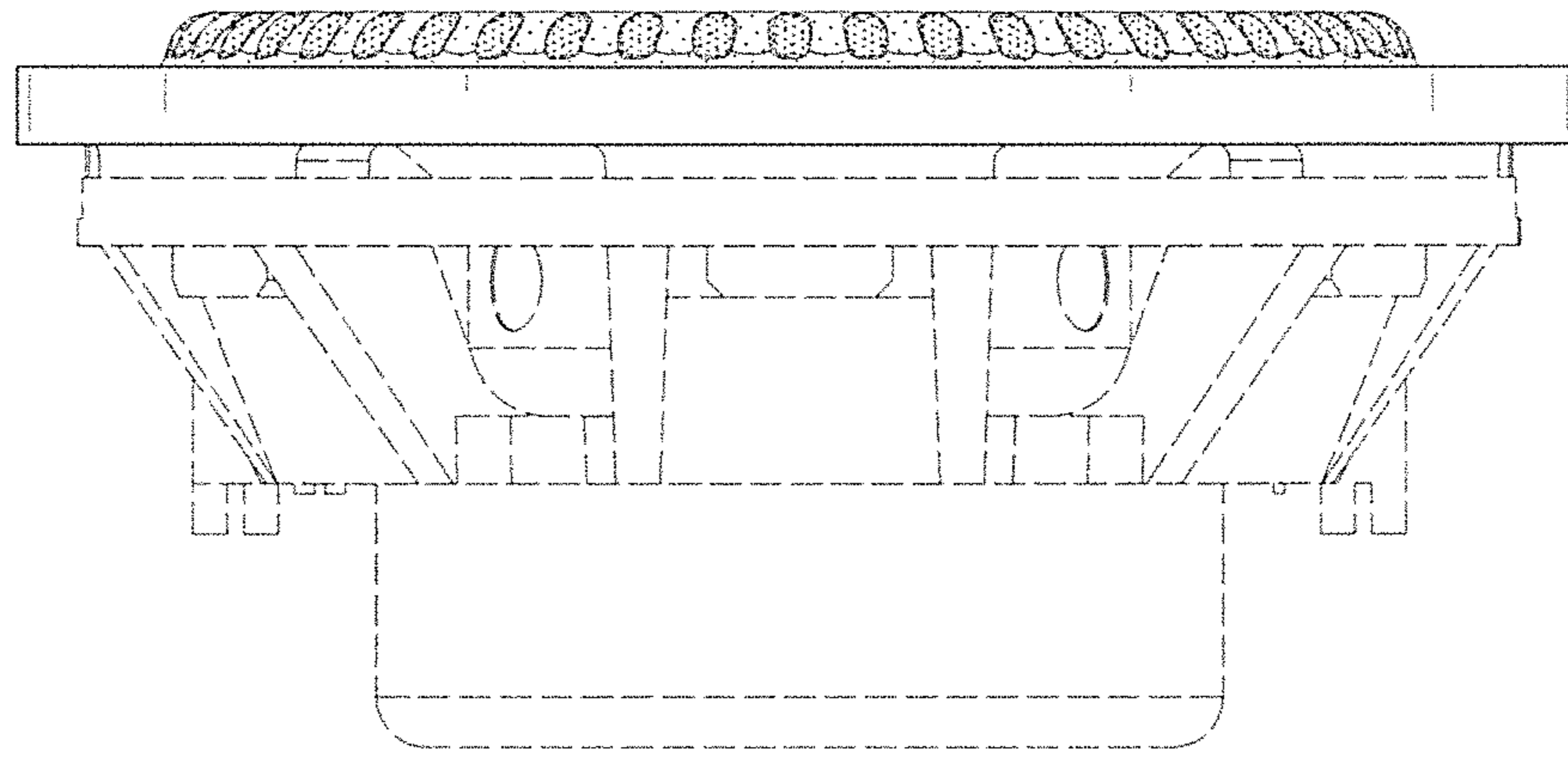


FIG.6

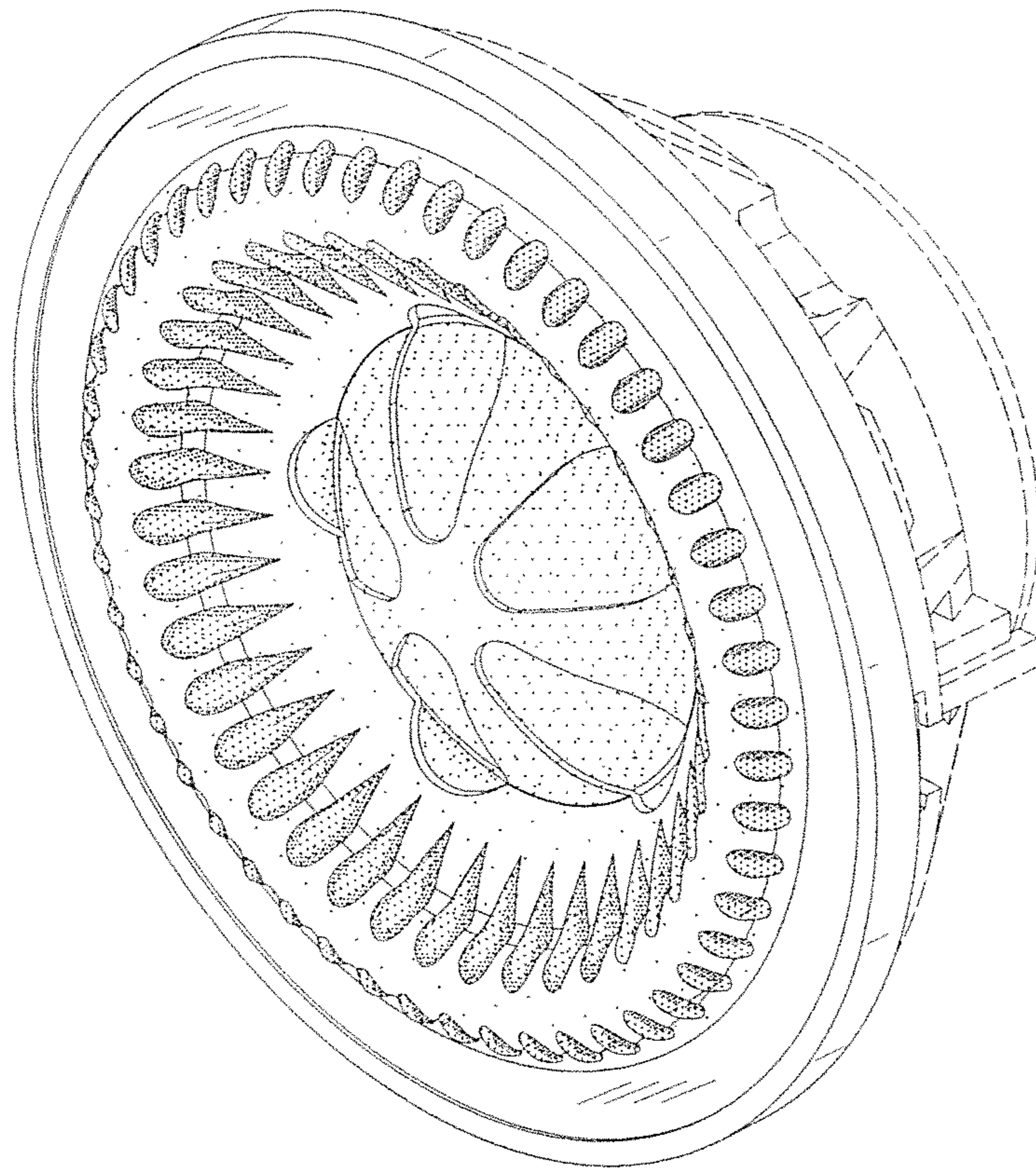


FIG.7