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

(10) **Patent No.:** **US D908,519 S**  
(45) **Date of Patent:** **\*\* Jan. 26, 2021**

- (54) **SMOKE DETECTOR**
- (71) Applicant: **HOCHIKI CORPORATION**, Tokyo (JP)
- (72) Inventors: **Tomohiko Shimazu**, Tokyo (JP); **Manabu Dohi**, Tokyo (JP); **Keisuke Washizu**, Tokyo (JP)
- (73) Assignee: **HOCHIKI CORPORATION**, Tokyo (JP)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/745,850**
- (22) Filed: **Aug. 10, 2020**

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**Related U.S. Application Data**

- (63) Continuation-in-part of application No. 35/507,369, filed on Mar. 4, 2019 (U.S. filing date under 35 U.S.C. 384), and having an international filing date of Mar. 4, 2019.

(57) **CLAIM**

The ornamental design for a smoke detector, as shown and described.

(30) **Foreign Application Priority Data**

Nov. 1, 2018 (JP) ..... 2018-024053  
Mar. 4, 2019 (WO) ..... DM/202062

**DESCRIPTION**

- (51) **LOC (13) Cl.** ..... **10-05**
- (52) **U.S. Cl.**  
USPC ..... **D10/106.2**
- (58) **Field of Classification Search**  
USPC ..... D10/106.5, 106.2, 104.1, 81; D14/219  
CPC ..... G08B 1/00; B32B 27/20  
See application file for complete search history.

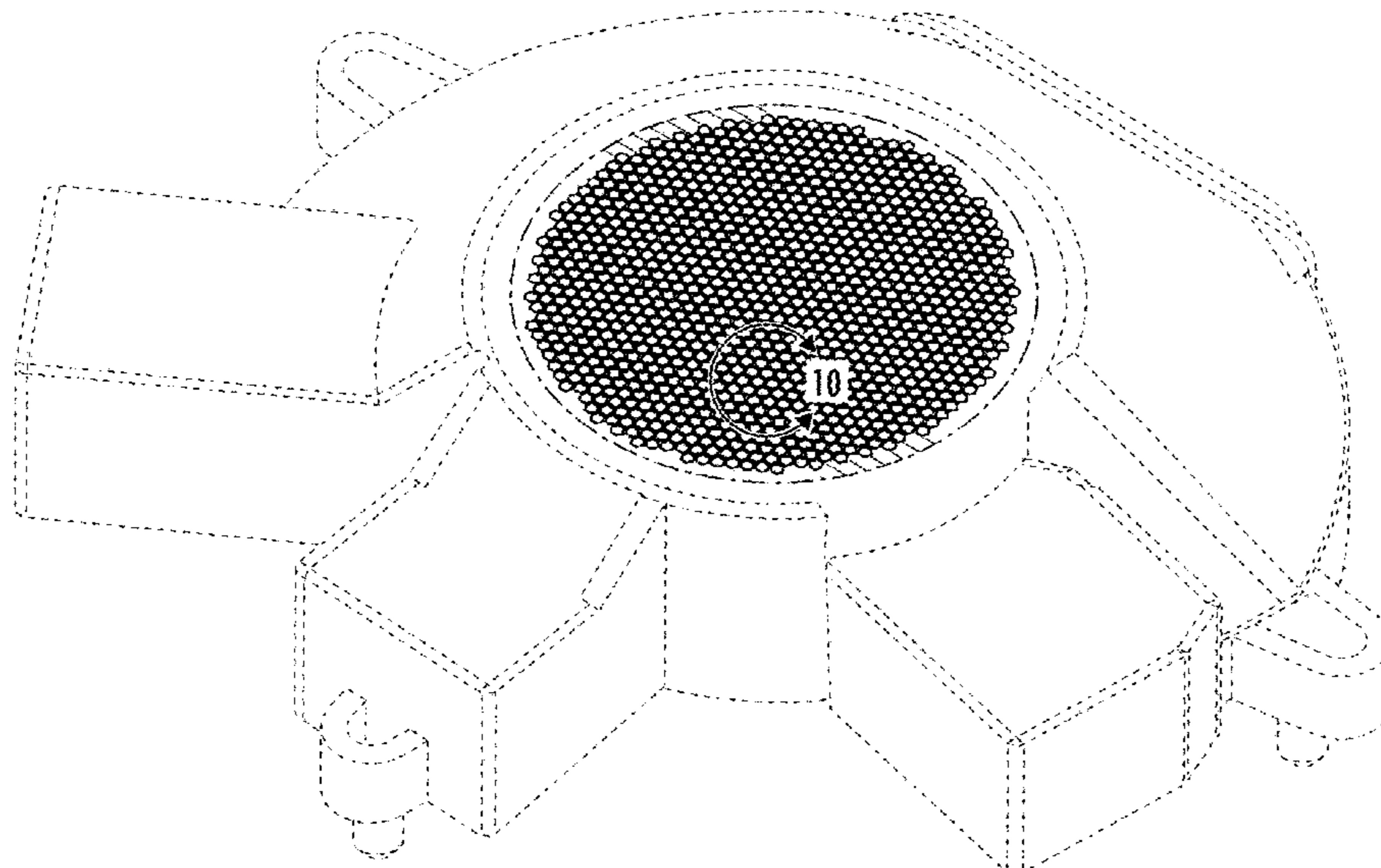
FIG. 1 is a front, top, perspective view of a smoke detector.  
FIG. 2 is a rear, top, perspective view of FIG. 1.  
FIG. 3 is a front elevation view of FIG. 1.  
FIG. 4 is a rear elevation of FIG. 1.  
FIG. 5 is a right side elevation view of FIG. 1.  
FIG. 6 is a left side elevation view of FIG. 1.  
FIG. 7 is a top plan view of FIG. 1.  
FIG. 8 is a bottom plan view of FIG. 1.  
FIG. 9 is an enlarged view of region 9 in FIG. 1.  
FIG. 10 is an enlarged view of region 10 in FIG. 2.  
FIG. 11 is an enlarged top plan view of region 11 in FIG. 7; and,  
FIG. 12 is a partial sectional view from Section 12-12 in FIG. 11.

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**1 Claim, 10 Drawing Sheets**



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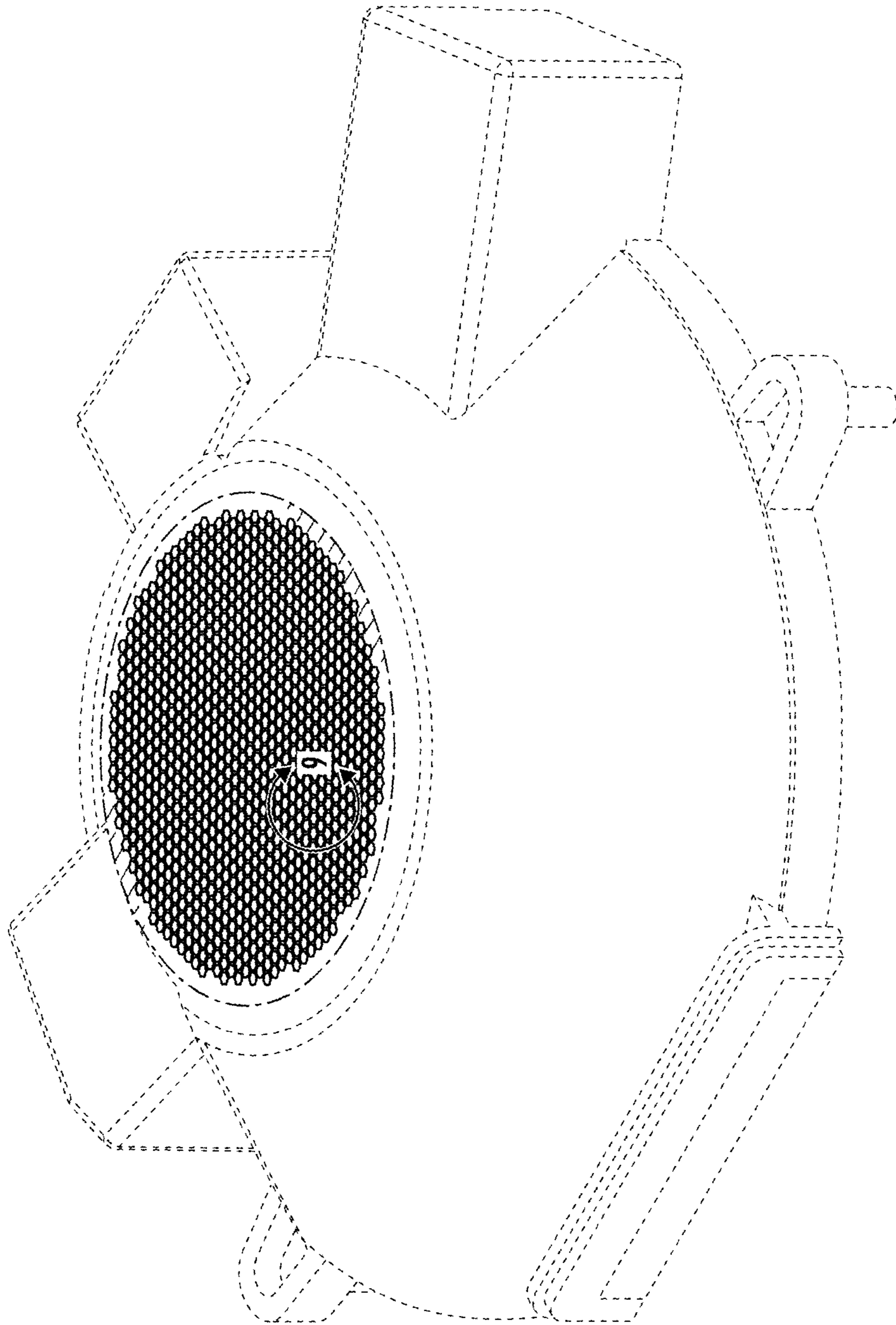


FIG. 7

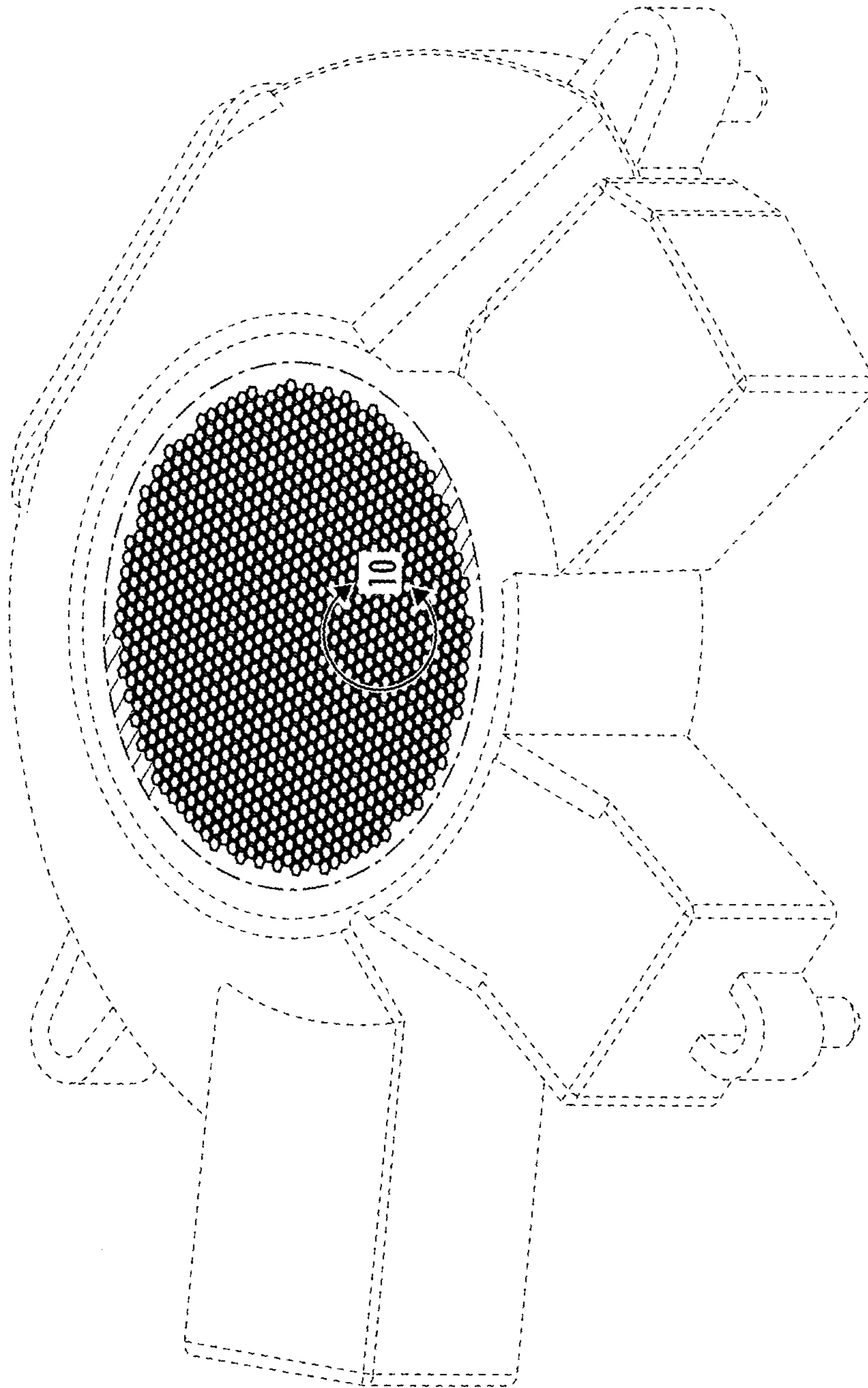


FIG. 2

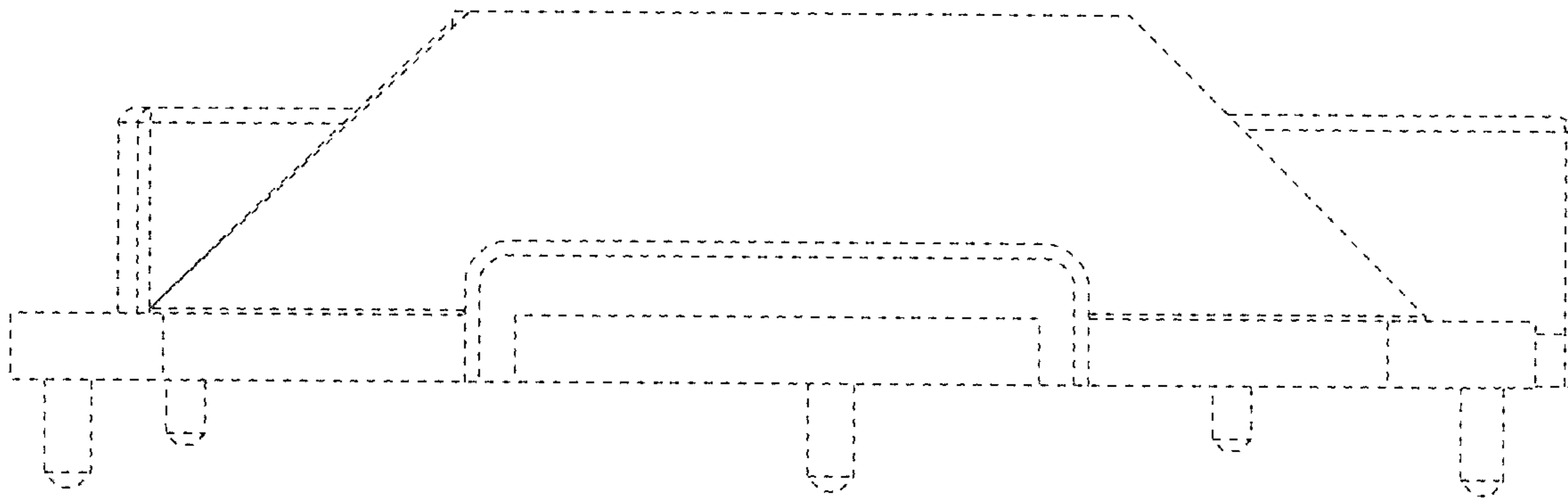


FIG. 3

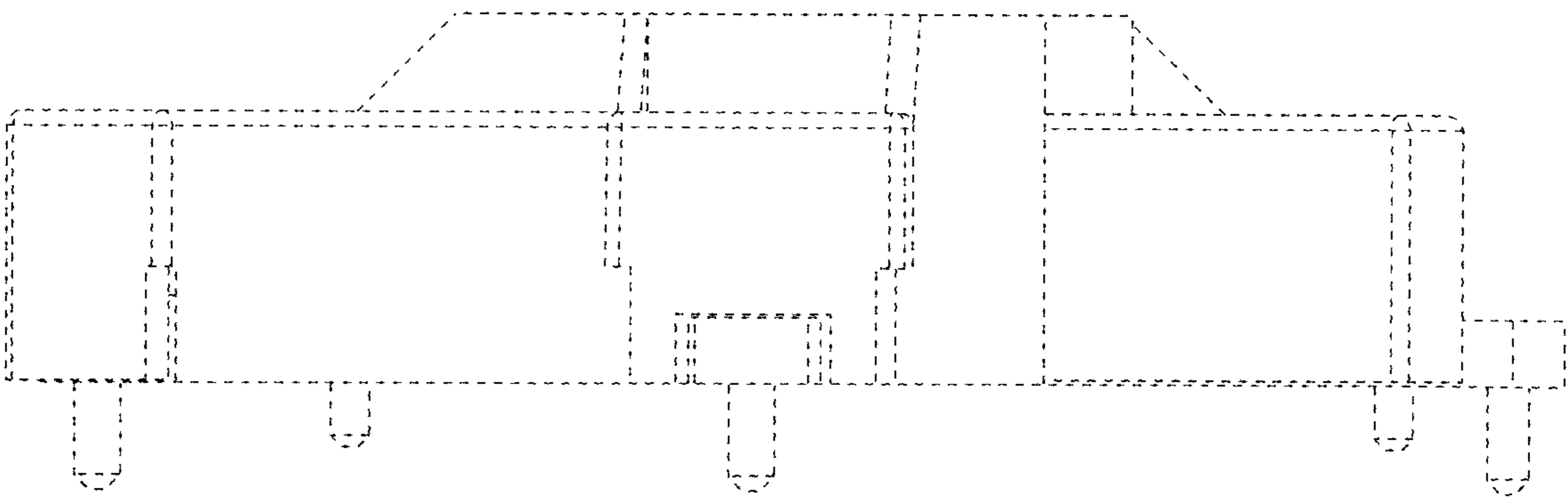


FIG. 4

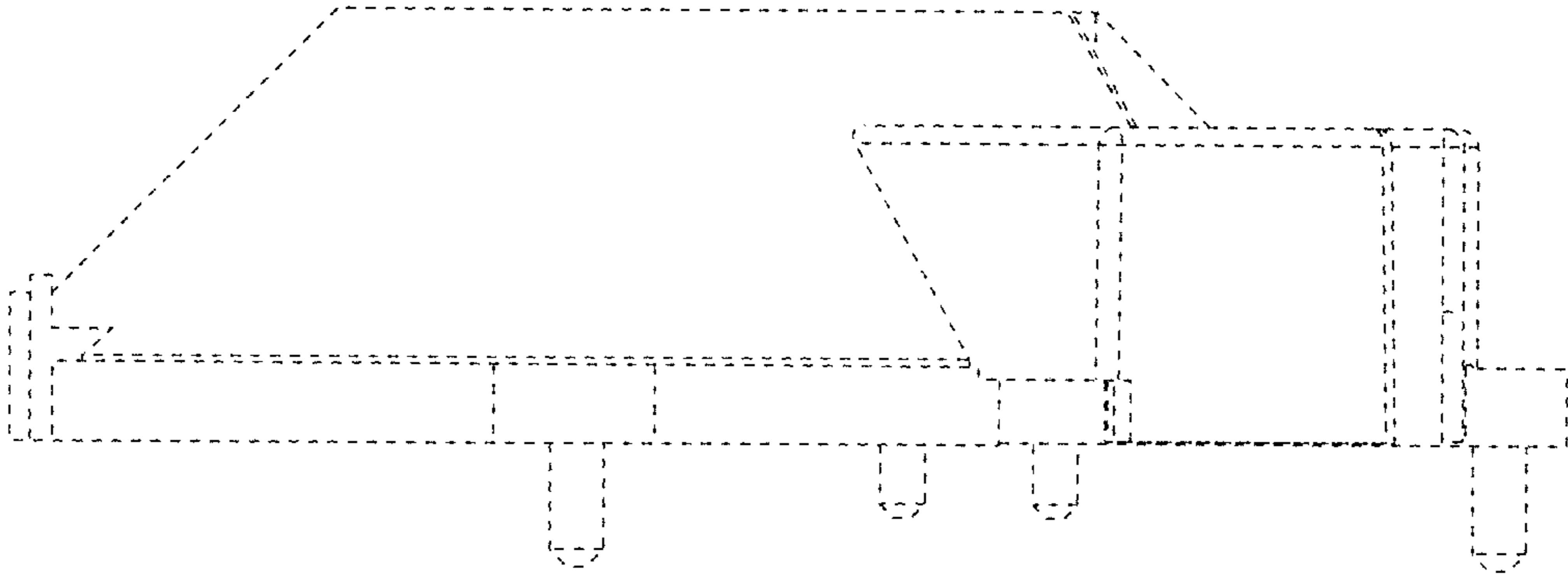


FIG. 5

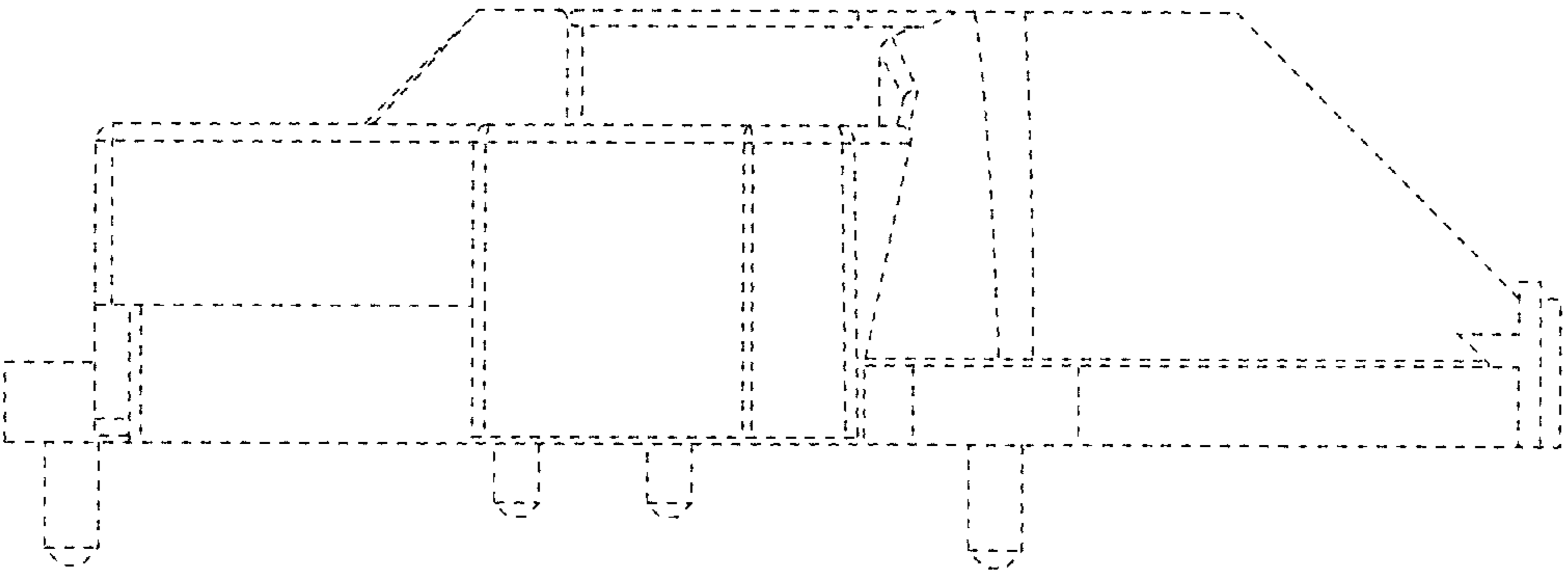


FIG. 6

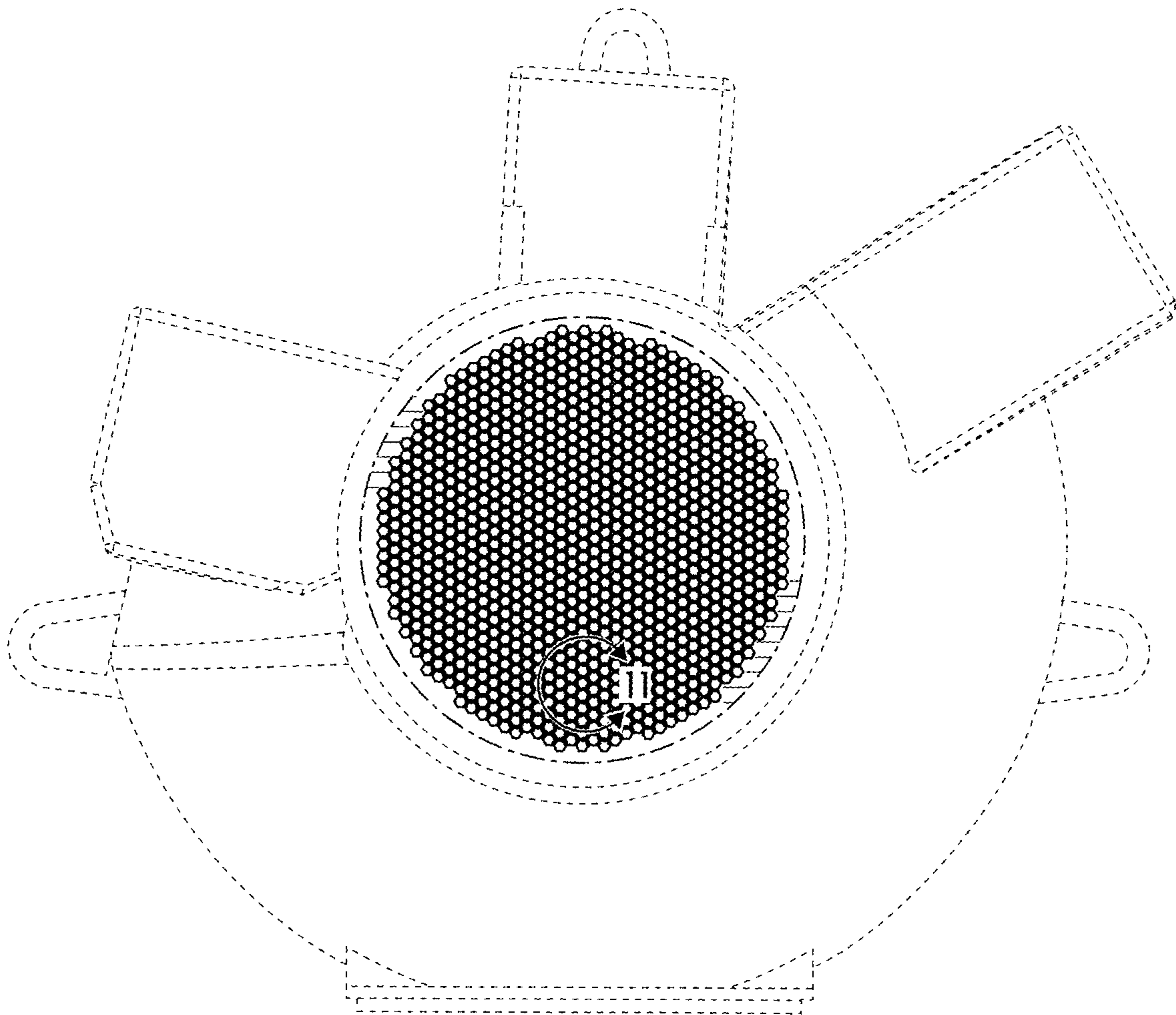


FIG. 7

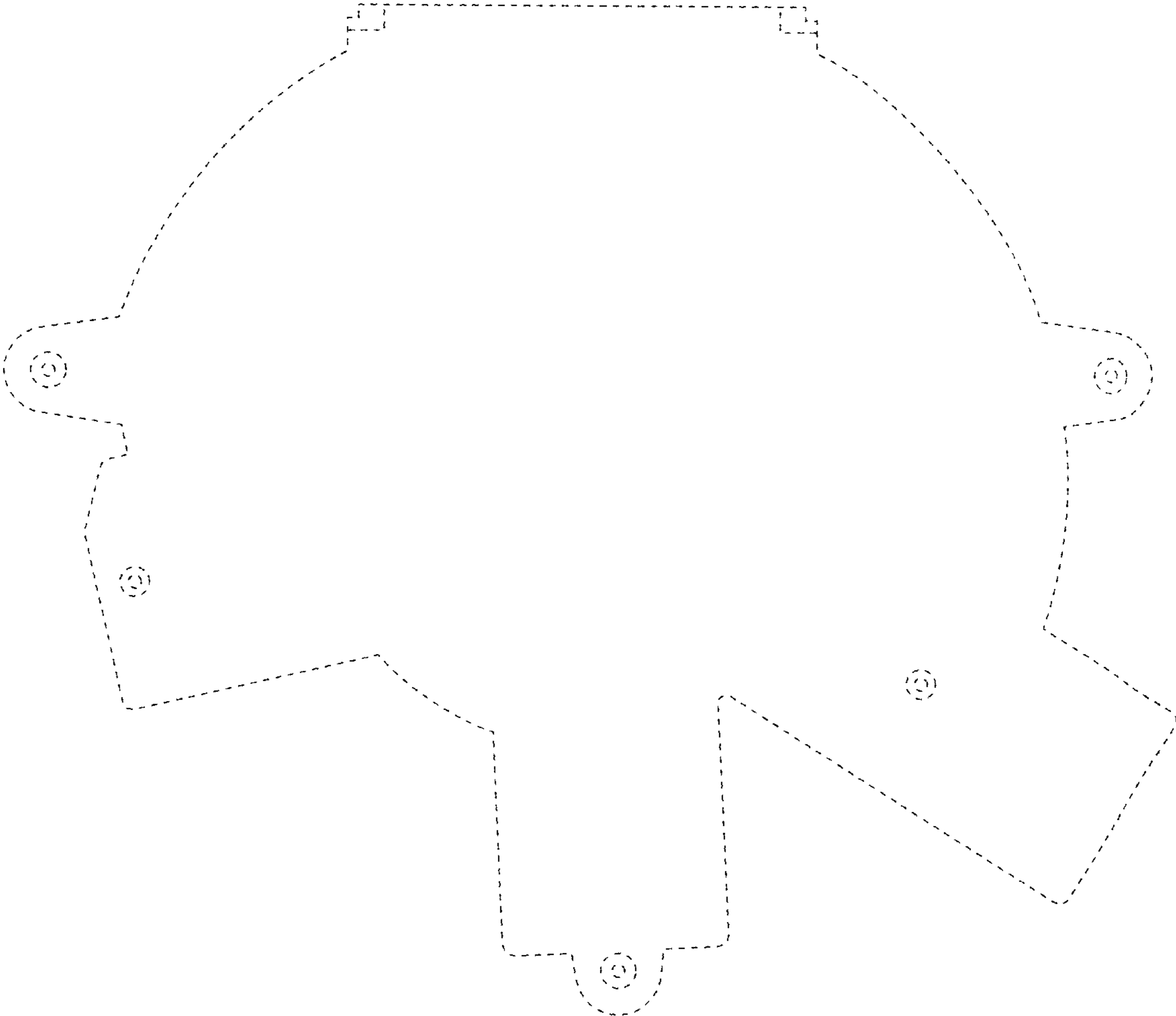


FIG. 8



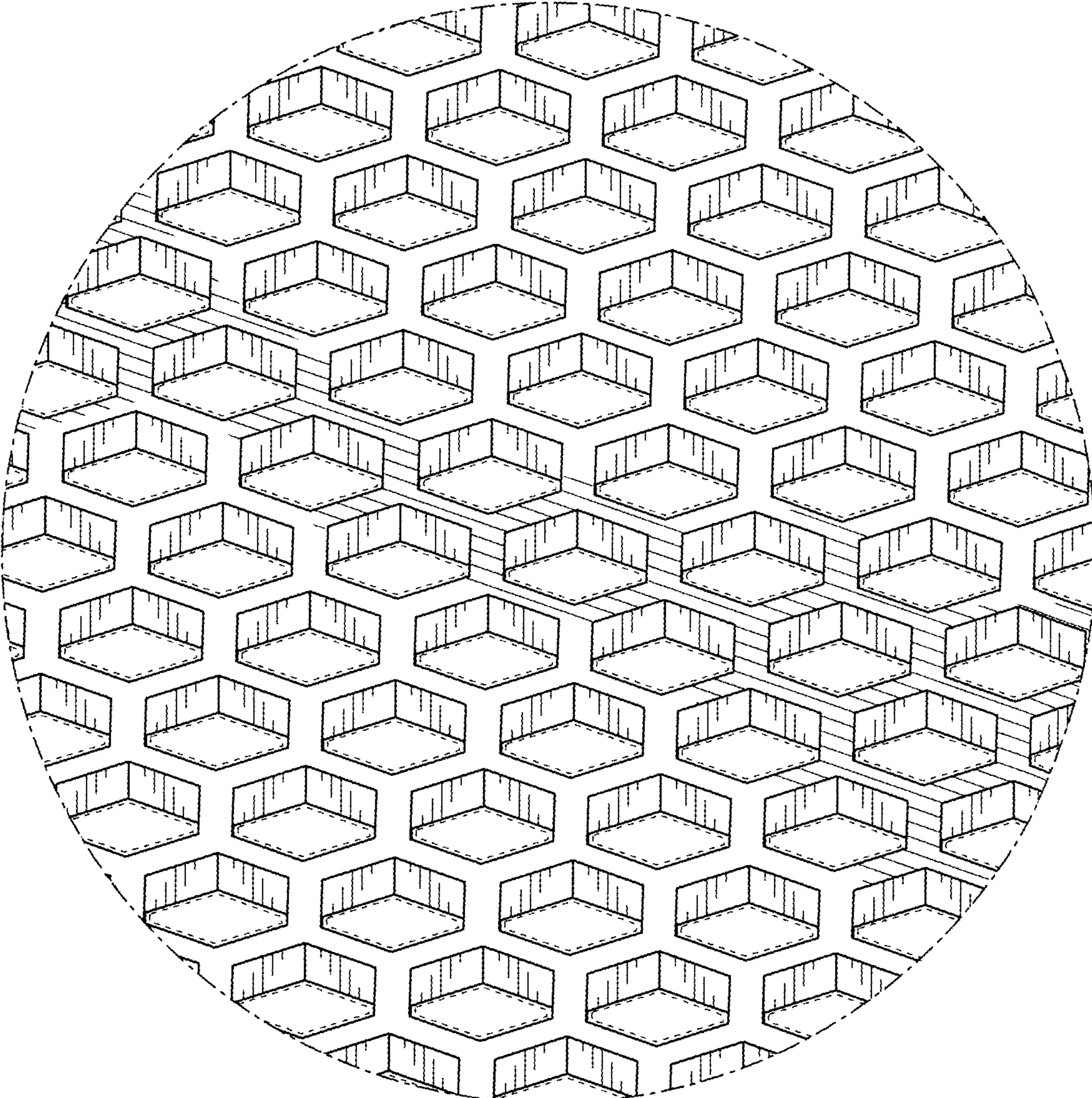


FIG. 9

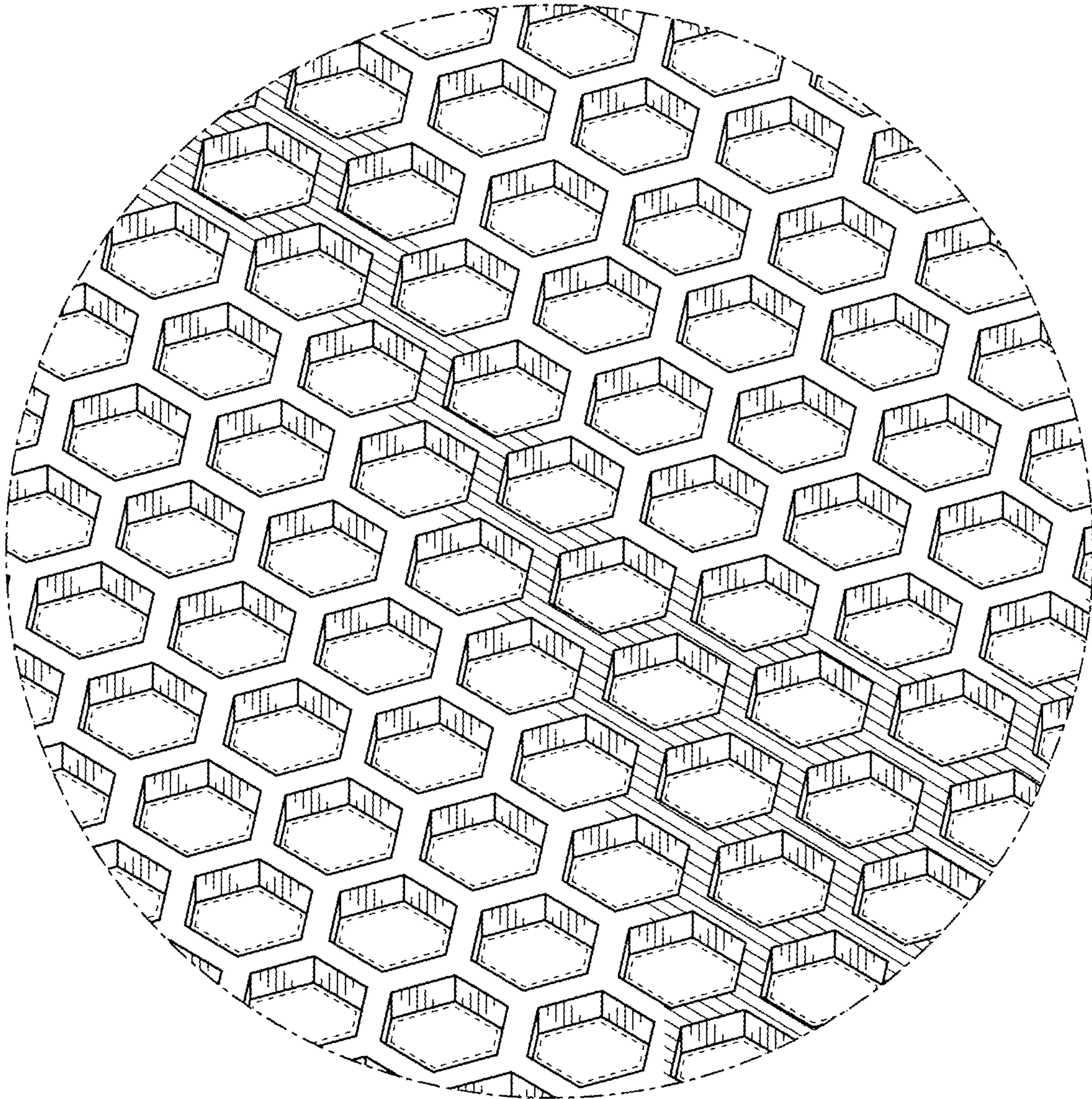


FIG. 10

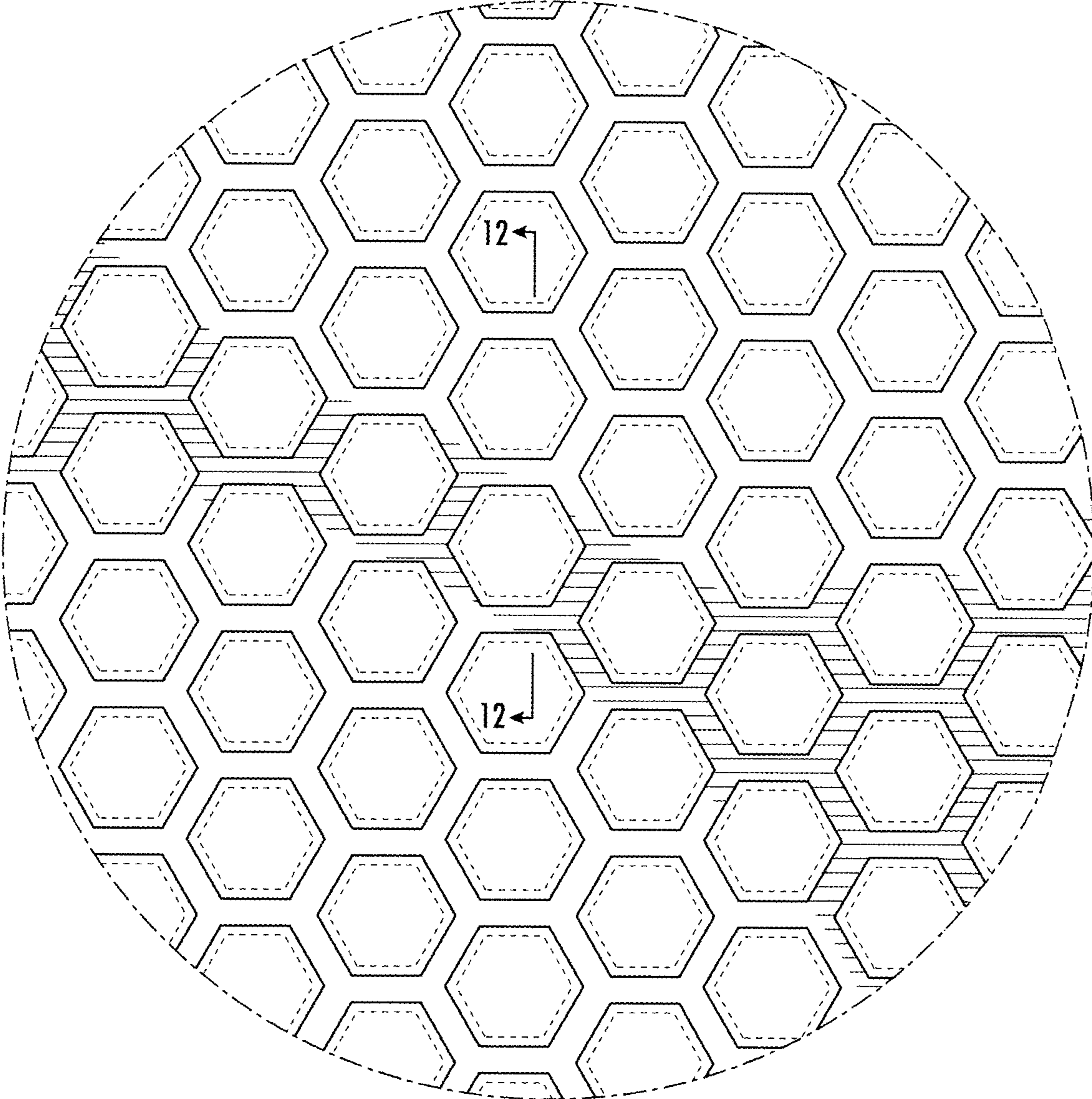


FIG. 11



FIG. 12