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

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(45) **Date of Patent:** **\*\* Jan. 31, 2023**

(54) **VIAL**

- (71) Applicant: **SIO2 MEDICAL PRODUCTS, INC.**, Auburn, AL (US)
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- (73) Assignee: **SiO2 Medical Products, Inc.**, Auburn, AL (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/712,182**
- (22) Filed: **Nov. 6, 2019**

**Related U.S. Application Data**

- (63) Continuation-in-part of application No. 15/753,524, filed as application No. PCT/US2016/047622 on Aug. 18, 2016, now Pat. No. 11,077,233.
- (51) **LOC (14) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/224**
- (58) **Field of Classification Search**  
USPC ..... D24/224, 216, 223, 121; D9/500, 503, D9/504, 531; D20/22

(Continued)

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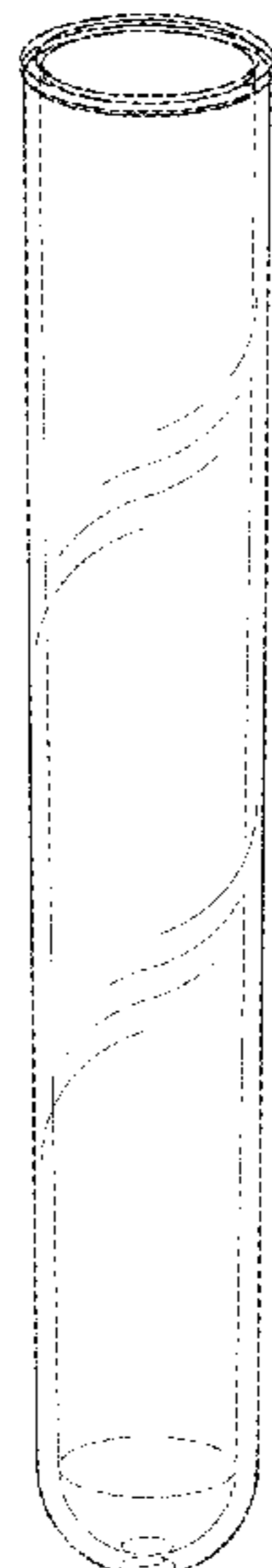
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a cross-sectional side elevation view of a vial in accordance with an embodiment of our new design; FIG. 2 is a top plan view of the vial shown in FIG. 1; FIG. 3 is a top perspective view of a vial in accordance with an embodiment of our new design; FIG. 4 is a side elevation view of the vial shown in FIG. 3; FIG. 5 is a top plan view of the vial shown in FIG. 3; FIG. 6 is a bottom plan view of the vial shown in FIG. 3; FIG. 7 is a top perspective view of a vial in accordance with an embodiment of our new design; FIG. 8 is a side elevation view of the vial shown in FIG. 7, wherein an imaginary central vertical axis and an imaginary secondary vertical axis coextensive with an outer sidewall surface of the vial are shown, and wherein an angle  $\theta$  is shown to indicate that the secondary vertical axis extends at an angle of greater than  $0^\circ$  with respect to the central vertical axis; FIG. 9 is a top plan view of the vial shown in FIG. 7; and, FIG. 10 is a bottom plan view of the vial shown in FIG. 7. The broken lines in the figures illustrate portions of the vial that form no part of the claimed design. The angled, broken lines shown in FIGS. 3 and 4 indicate a symbolic break in the length of the vial.

**1 Claim, 6 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... A61B 5/15003; A61B 5/150022; A61B 5/150213; A61B 10/0291; A61B 5/150786; A61B 5/150351; A61F 6/04; A61M 5/283; G01F 11/286; G01N 35/1065; G01N 21/0303; B01L 3/50825; B01L 9/06; B01L 3/5082; B01L 3/502  
See application file for complete search history.

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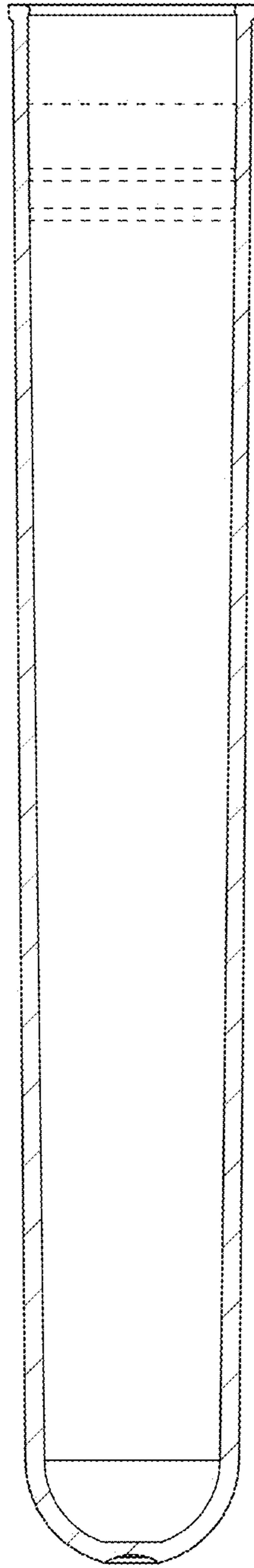


FIG. 1

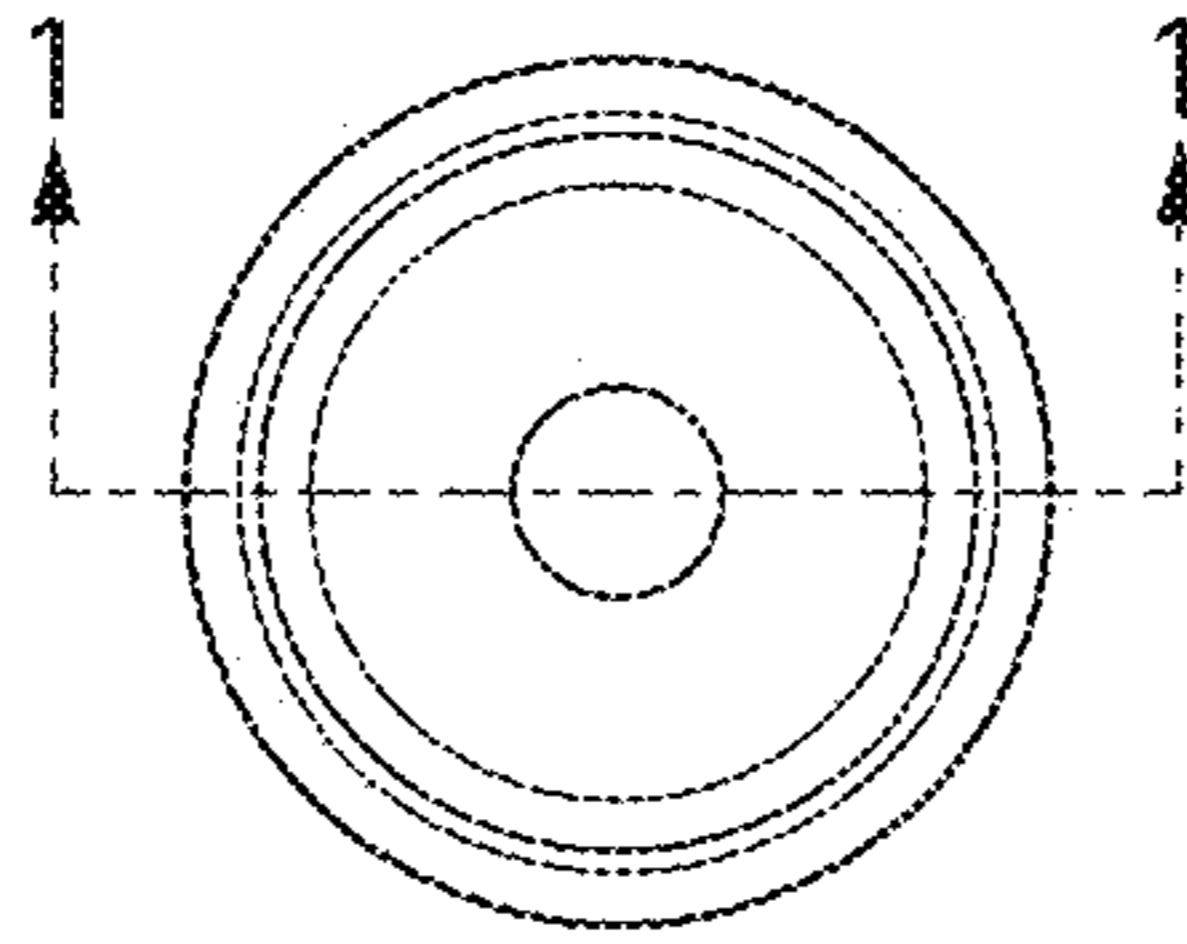


FIG. 2

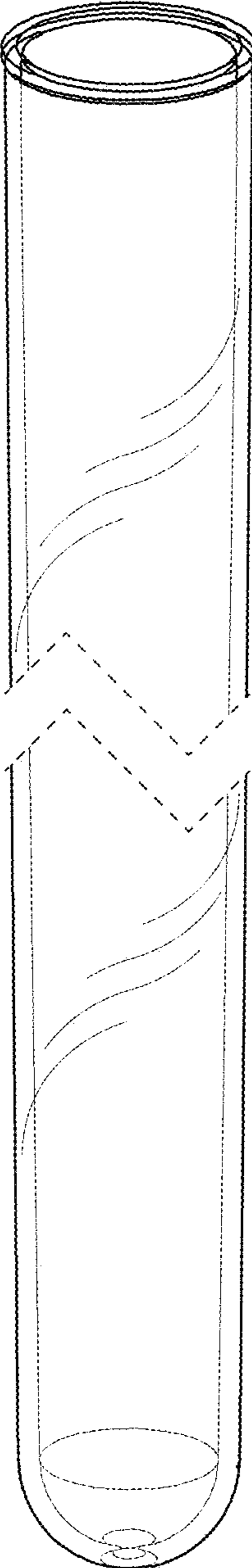


FIG. 3

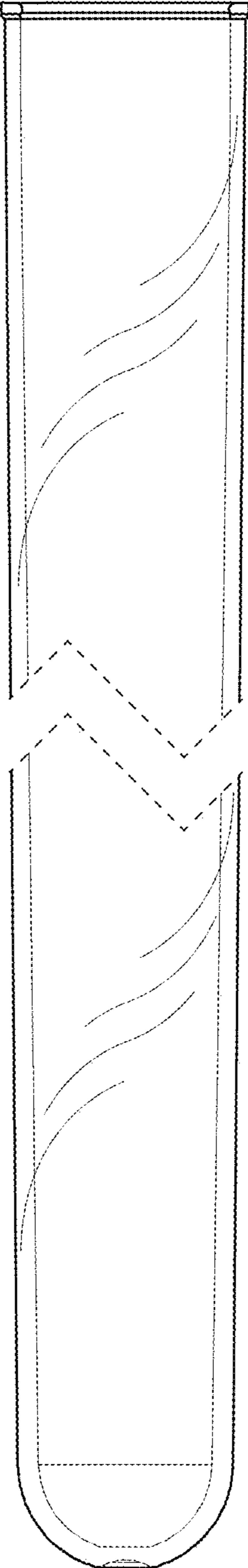


FIG. 4

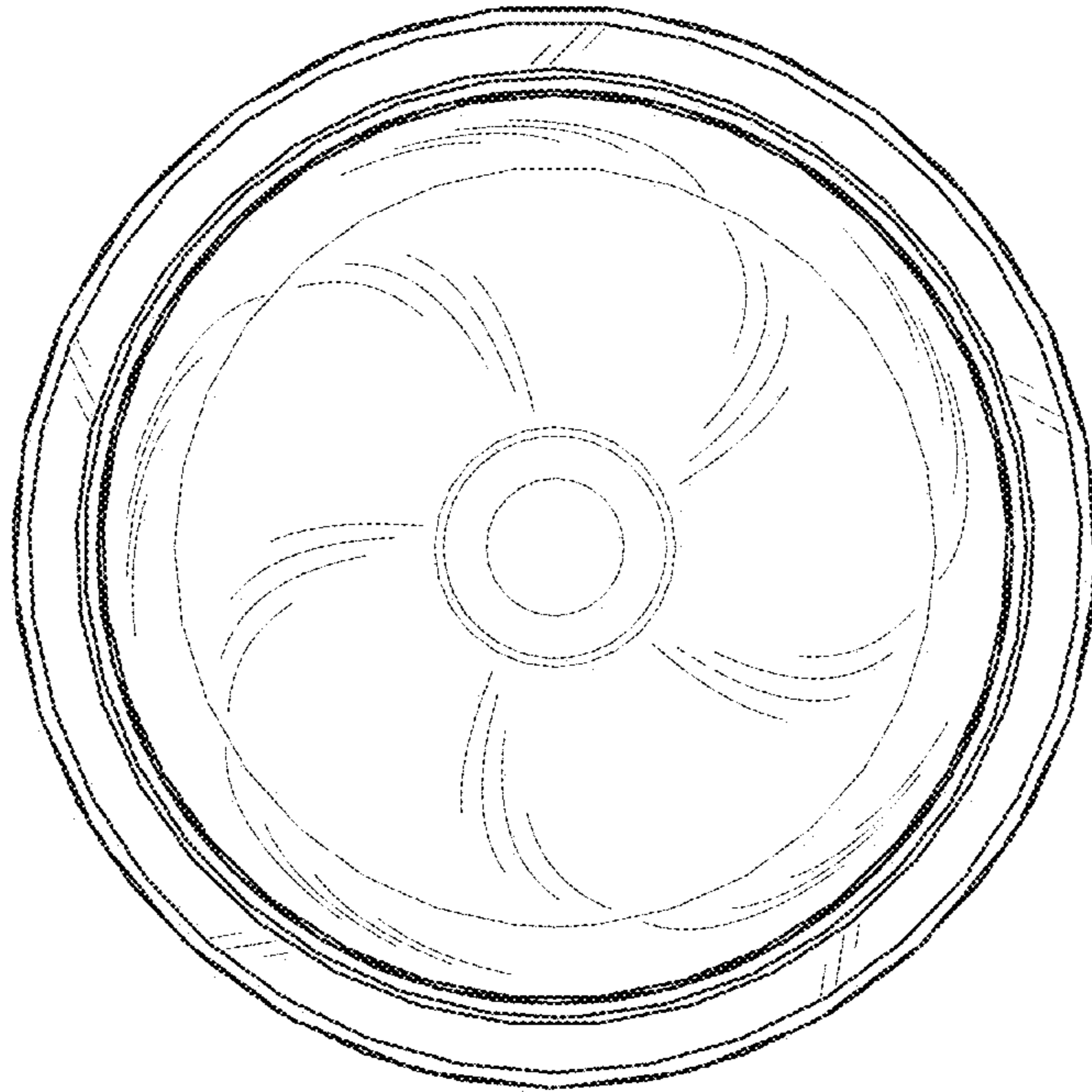


FIG. 5

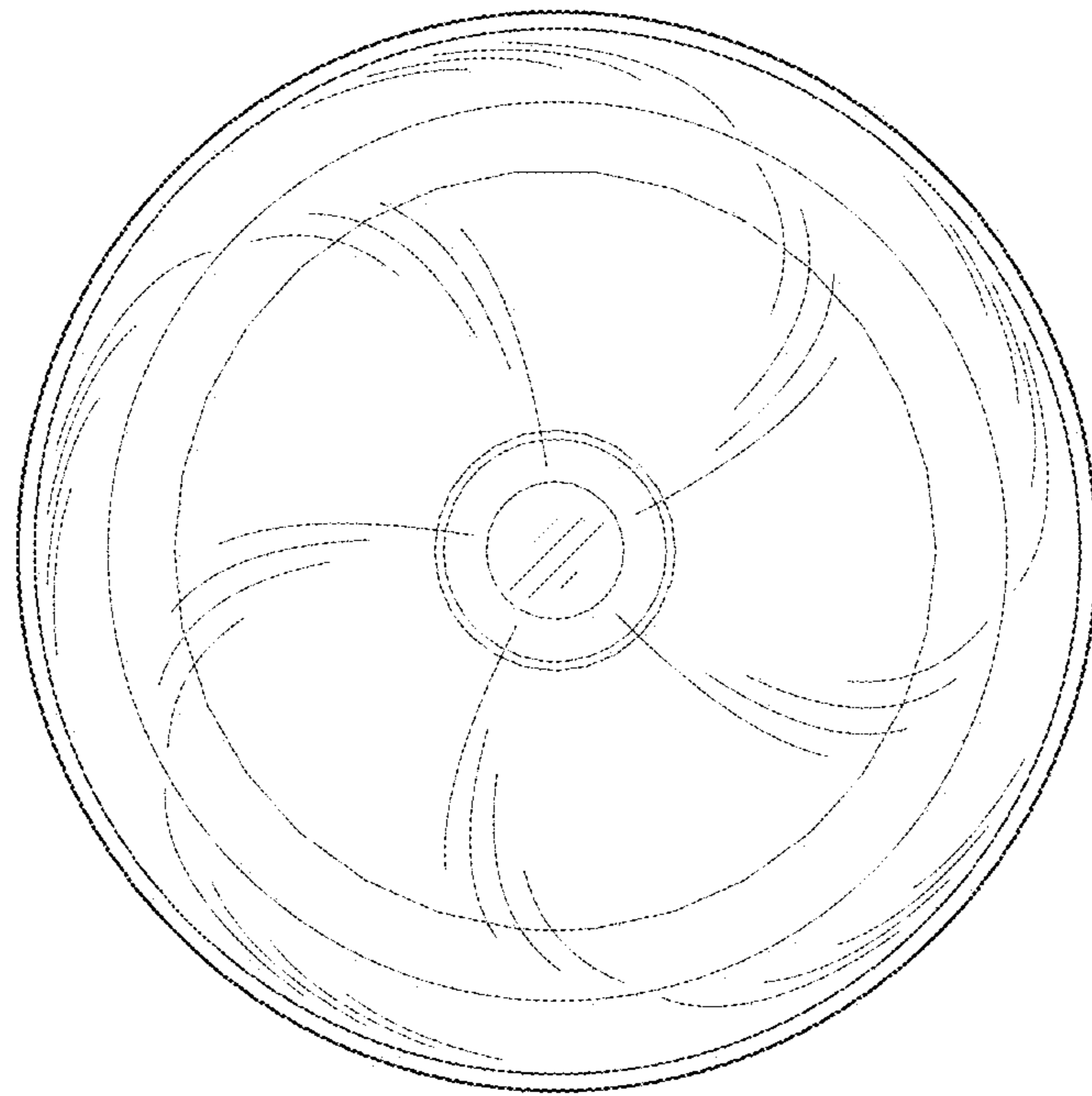


FIG. 6

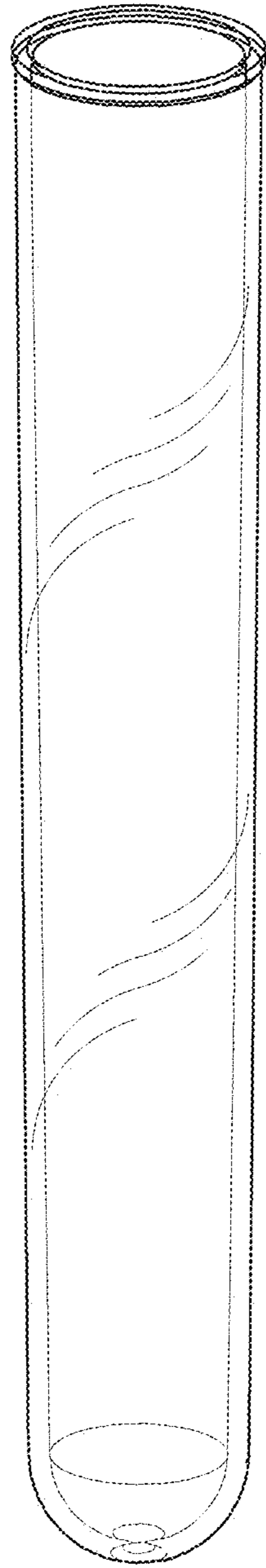


FIG. 7

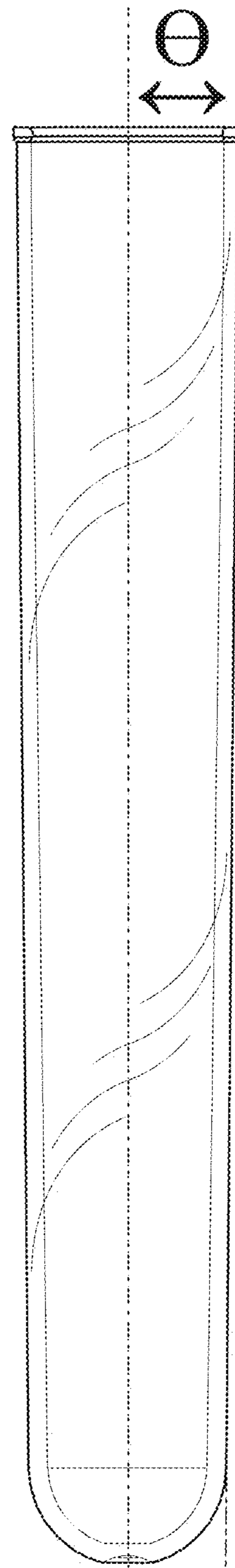


FIG. 8

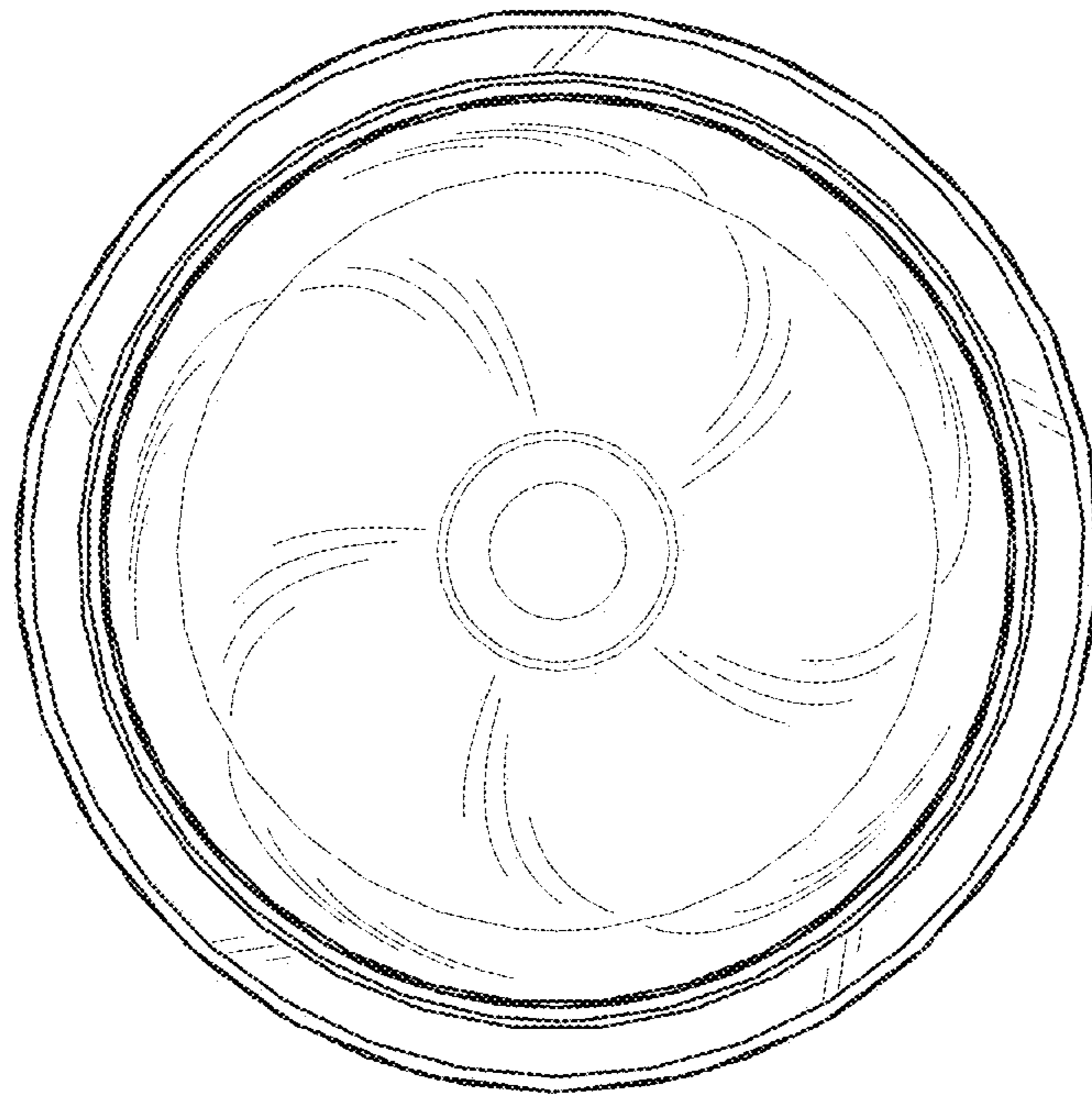


FIG. 9

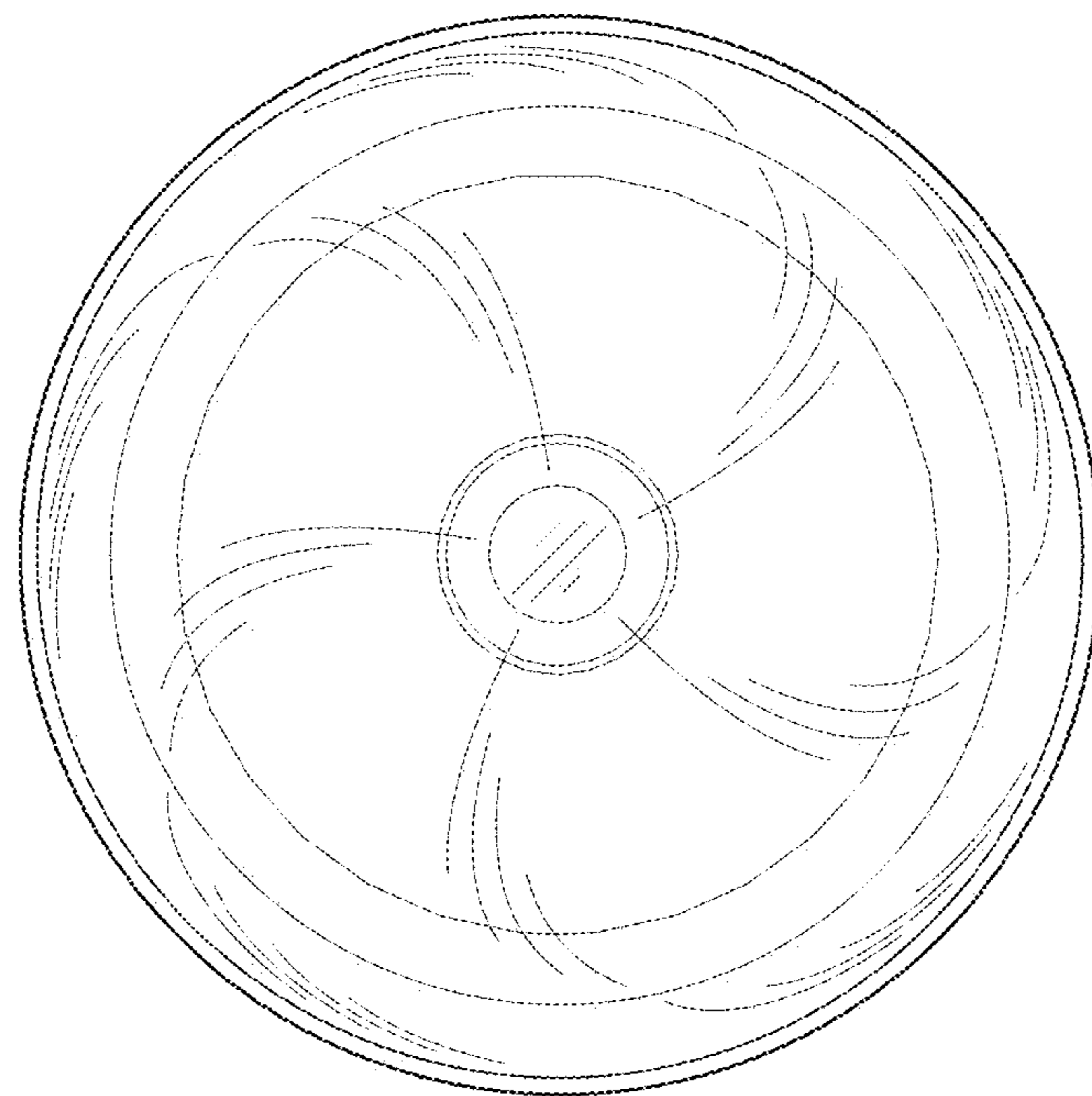


FIG. 10