



US00D580305S

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

(10) **Patent No.:** **US D580,305 S**
(45) **Date of Patent:** **** Nov. 11, 2008**

(54) **BICYCLE CHAIN RING COVER**

(57) **CLAIM**

(75) Inventor: **Sheau Pei New**, Kluang (MY)

The ornamental design for a bicycle chain ring cover, as shown and described.

(73) Assignee: **Shimano Components (Malaysia) Sdn. Bhd.**, Johor (MY)

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

DESCRIPTION

(21) Appl. No.: **29/272,300**

FIG. 1 is an outside (front) perspective view of the bicycle chain ring cover in accordance with my new design;

(22) Filed: **Feb. 6, 2007**

FIG. 2 is an outside (front) elevational view of the bicycle chain ring cover in accordance with my new design;

(51) **LOC (8) Cl.** **12-11**

FIG. 3 is an inside (back) elevational view of the bicycle chain ring cover in accordance with my new design;

(52) **U.S. Cl.** **D12/127**

(58) **Field of Classification Search** D12/122-124,
D12/126, 127, 111; 474/151, 152, 155-158,
474/160-162, 144, 164; 74/594.1-594.4,
74/608; 280/259, 260, 304.3, 288.4
See application file for complete search history.

FIG. 4 is a top plan view of the bicycle chain ring cover in accordance with my new design;

FIG. 5 is a bottom plan view of the bicycle chain ring cover in accordance with my new design;

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 4,475,894 A * 10/1984 Sugino 474/144
- 4,487,424 A * 12/1984 Ellis 280/304.3
- 5,003,840 A * 4/1991 Hinschlagner 74/594.2
- D326,833 S * 6/1992 Beiser D12/127
- 6,475,110 B1 11/2002 Yamanaka

FIG. 6 is a left side elevational view of the bicycle chain ring cover in accordance with my new design;

FIG. 7 is a right side elevational view of the bicycle chain ring cover in accordance with my new design;

FIG. 8 is an outside (front) elevational view of the bicycle chain ring cover in accordance with my new design as installed on a first bicycle crank set; and,

FIG. 9 is an outside (front) elevational view of the bicycle chain ring cover in accordance with my new design as installed on a second bicycle crank set.

OTHER PUBLICATIONS

Alfine Front Chainwheel FC-S500; Available prior to Feb. 5, 2007; From Shimano Website.

* cited by examiner

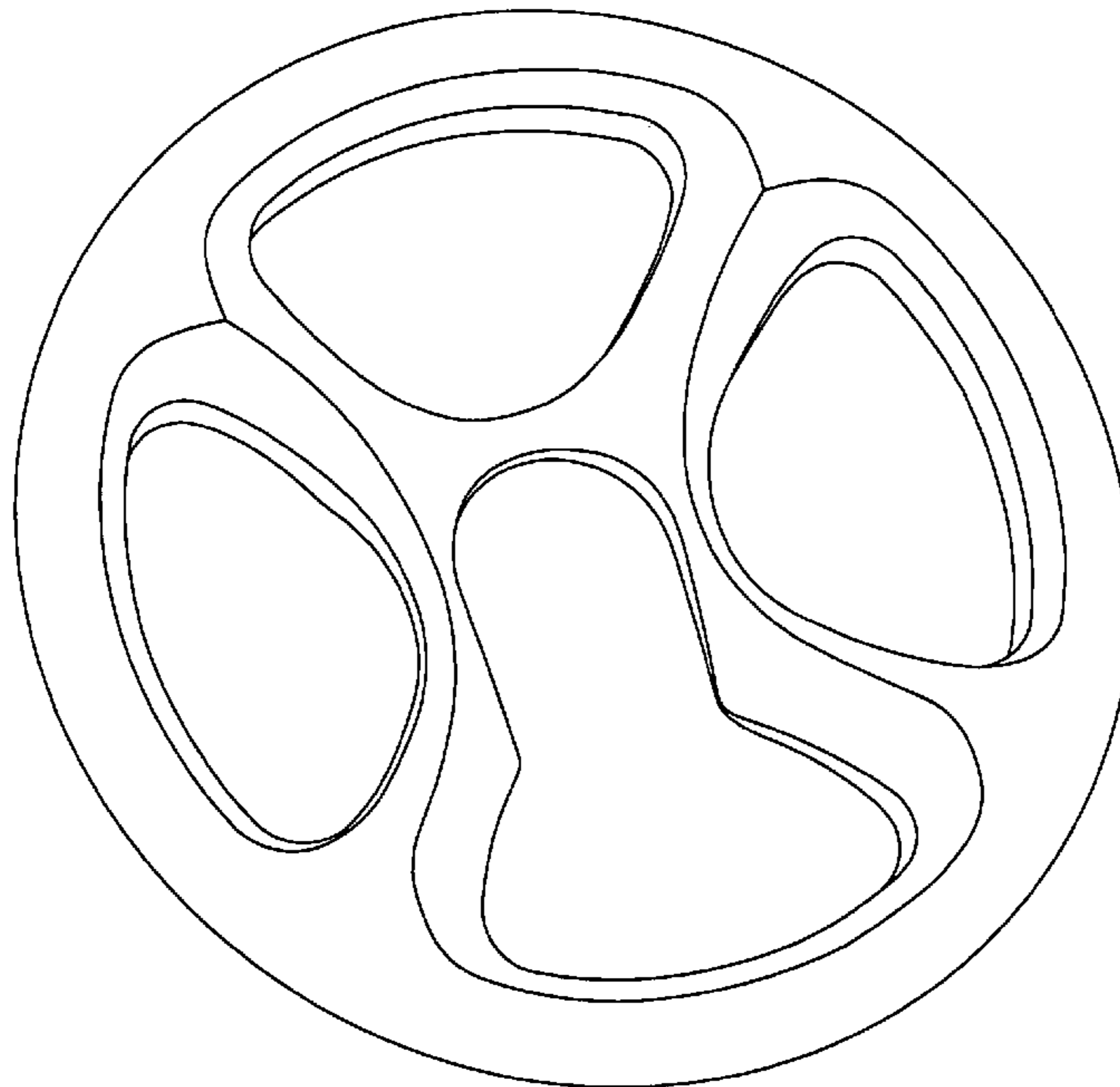
The portion shown in broken lines in FIG. 3 forms no part of the claimed design. The broken line showing of environment (bicycle crank set) in FIGS. 8 and 9 forms no part of the claimed design.

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Assistant Examiner—Linda Brooks

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1 Claim, 6 Drawing Sheets



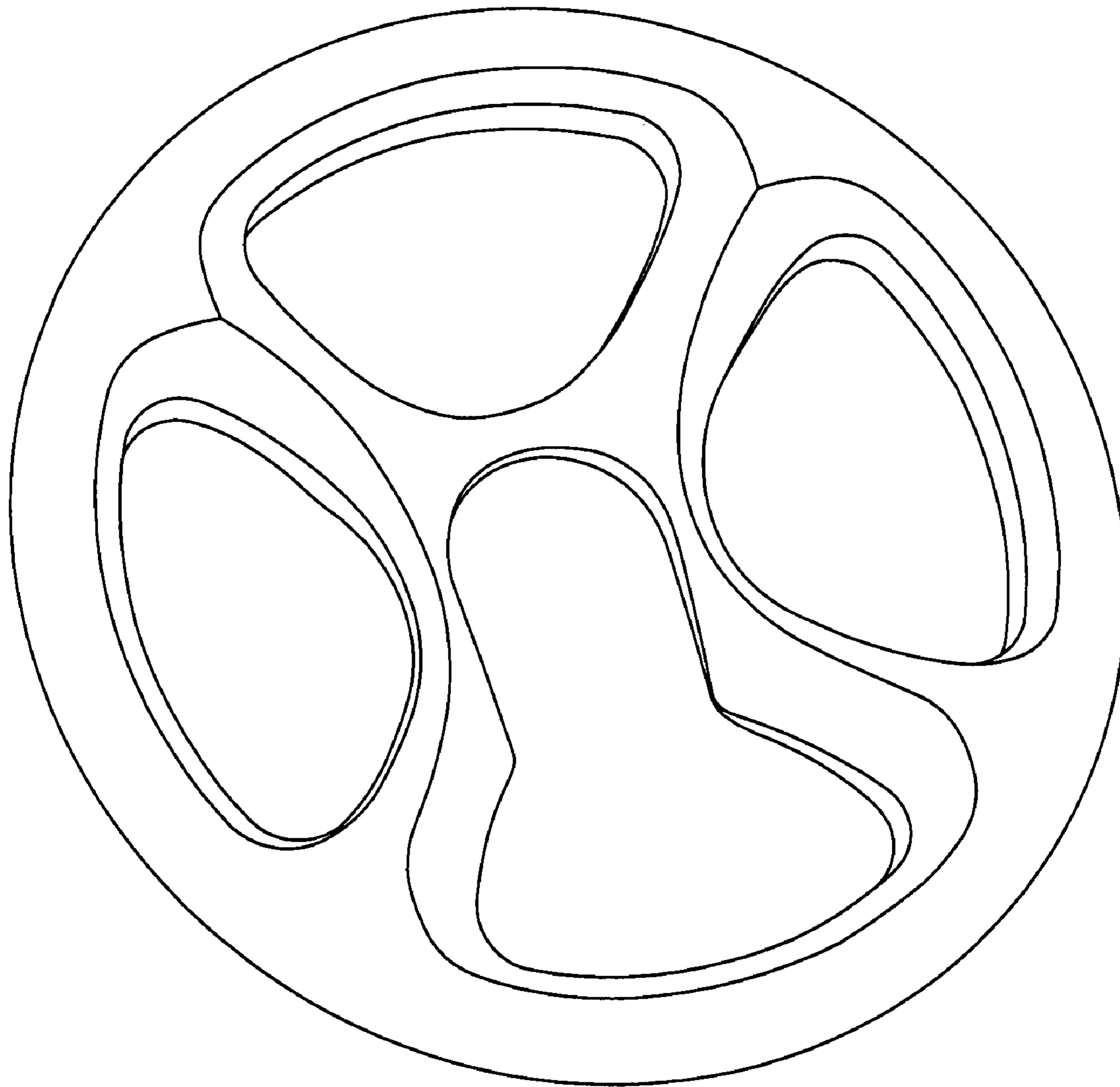


FIG. 1

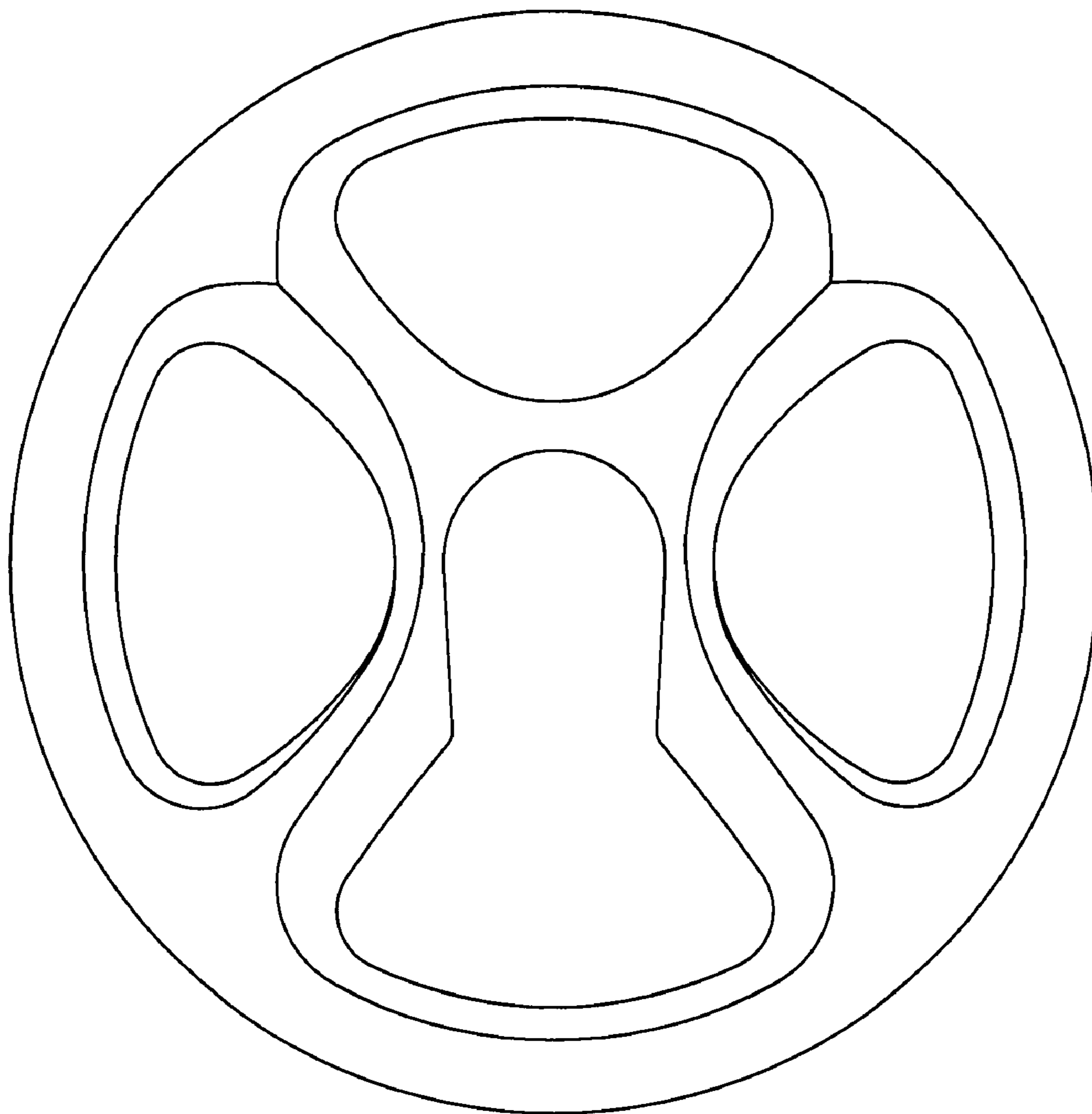


FIG. 2

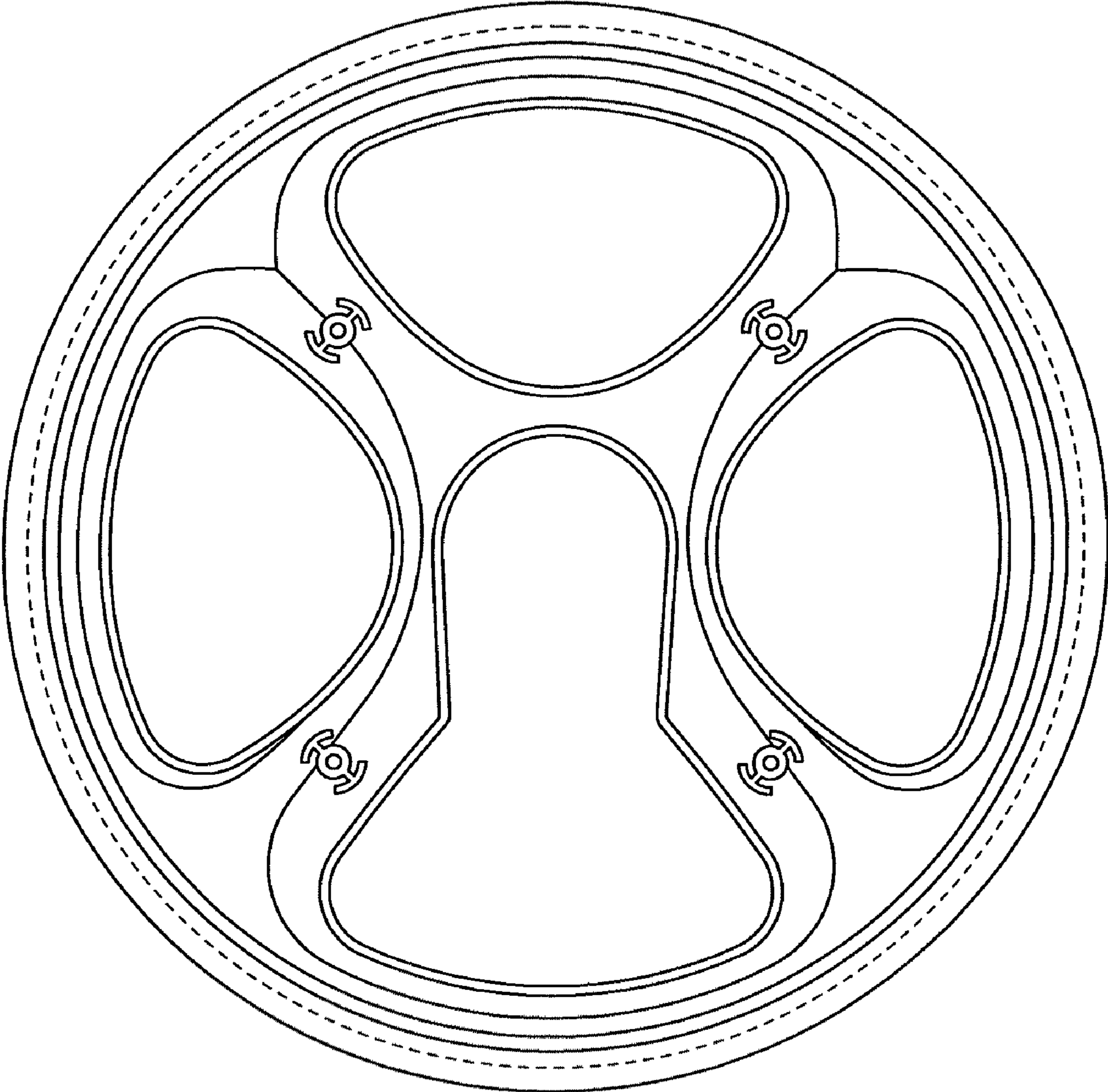


FIG. 3

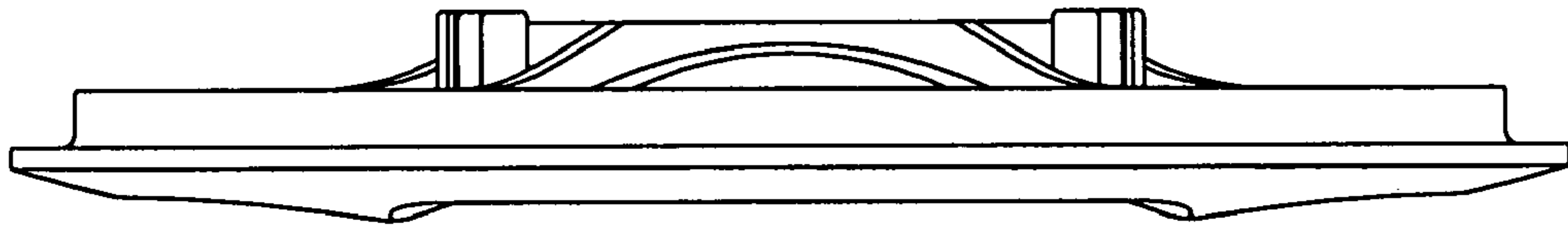


FIG. 4

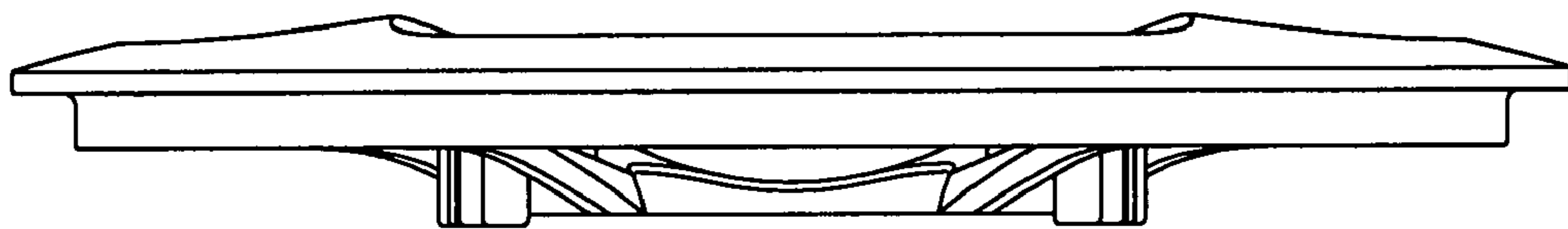


FIG. 5

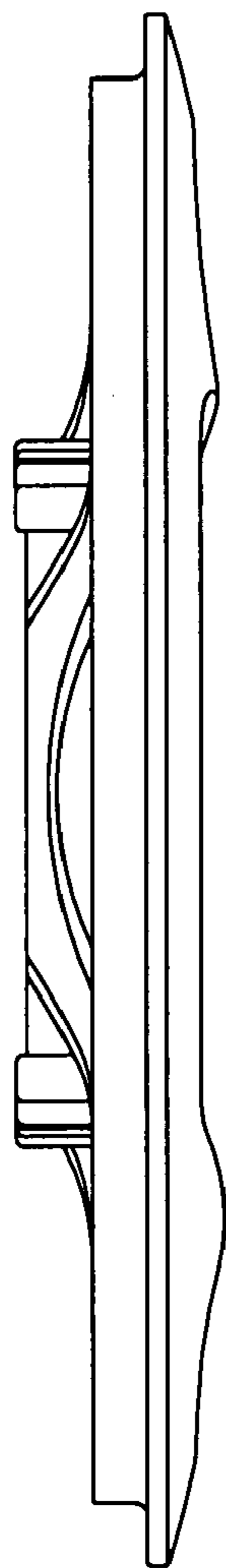


FIG. 6

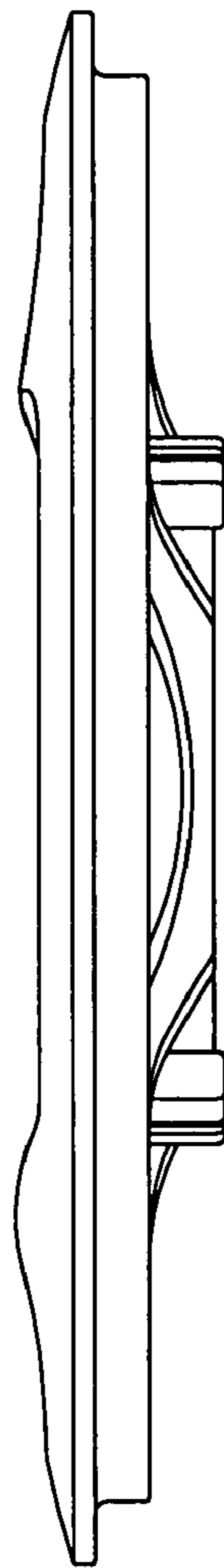


FIG. 7

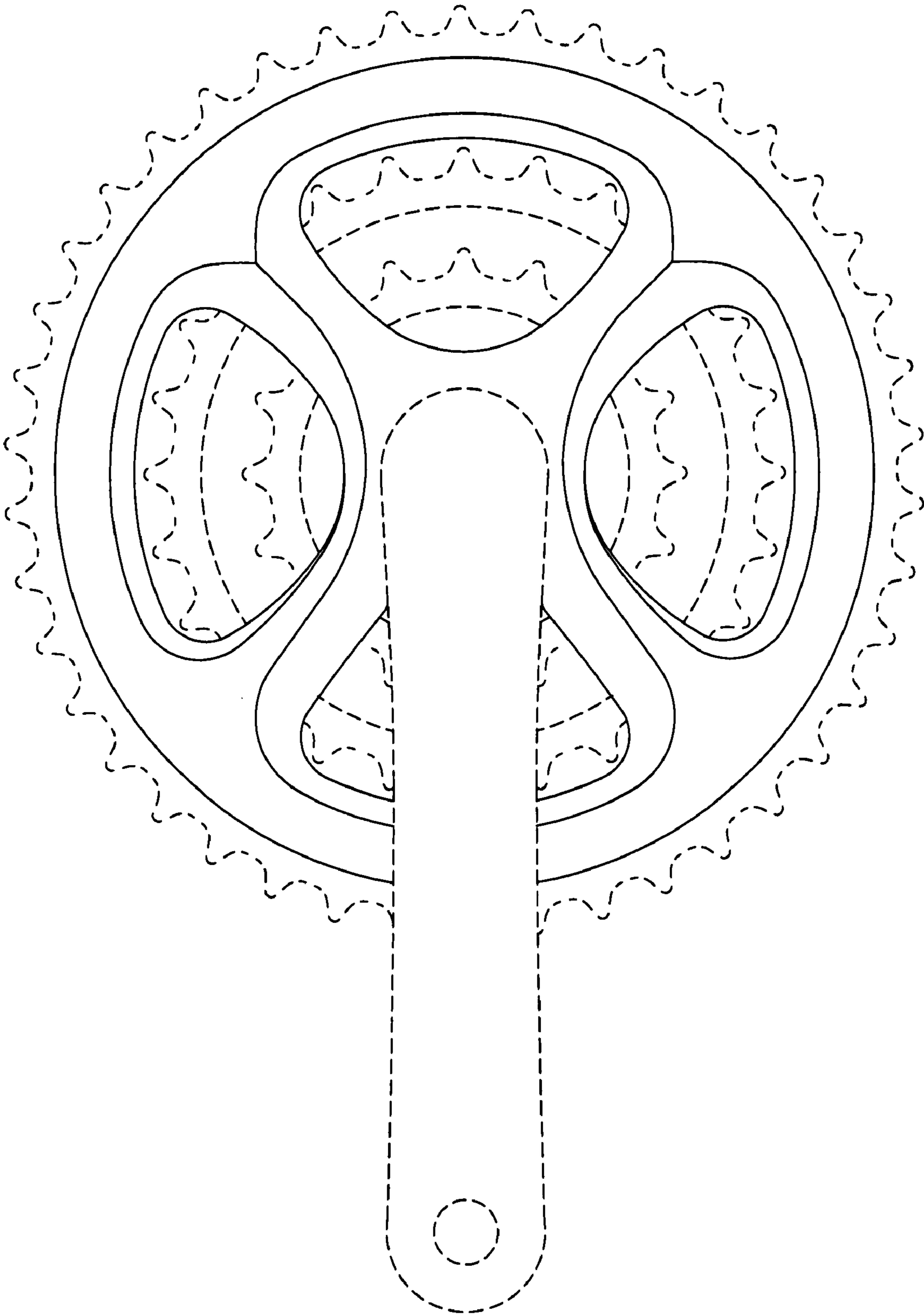


FIG. 8

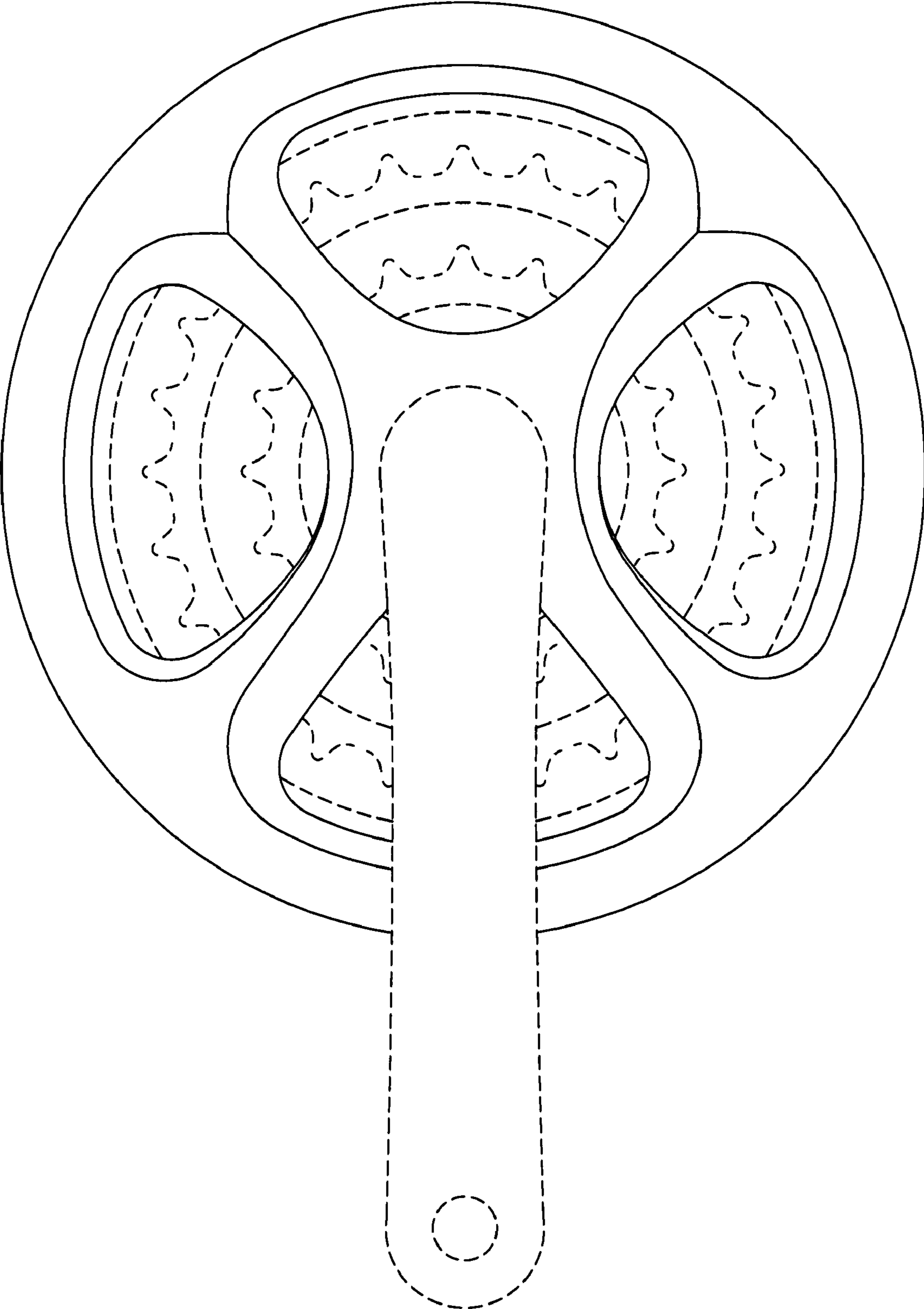


FIG. 9