



US00D952123S

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

(10) **Patent No.:** **US D952,123 S**

(45) **Date of Patent:** **\*\* May 17, 2022**

(54) **CEILING FAN**

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

(21) Appl. No.: **29/734,955**

(22) Filed: **May 17, 2020**

(51) **LOC (13) Cl.** ..... **23-04**

(52) **U.S. Cl.**

USPC ..... **D23/382**; D23/377

(58) **Field of Classification Search**

USPC ..... D23/370, 377, 379, 381–382, 385, D23/411–414; D26/59

CPC ..... F04D 25/088; F04D 29/38; F04D 29/38A; F04D 29/386; F21V 33/0096

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|                |         |              |       |             |
|----------------|---------|--------------|-------|-------------|
| D104,060 S *   | 4/1937  | Budlong      | ..... | D23/382     |
| D104,064 S *   | 4/1937  | Hamilton     | ..... | D23/382     |
| D128,142 S *   | 7/1941  | Moskowitz    | ..... | D23/382     |
| D133,051 S *   | 7/1942  | Kruck        | ..... | D23/382     |
| D181,083 S *   | 9/1957  | Wells        | ..... | D23/382     |
| D207,280 S *   | 3/1967  | De La Marter | ..... | D23/412     |
| 3,787,142 A *  | 1/1974  | Dupke        | ..... | F04D 29/703 |
|                |         |              |       | D23/382     |
| D351,901 S *   | 10/1994 | Boruch       | ..... | D23/382     |
| D418,913 S *   | 1/2000  | Thakur       | ..... | D23/382     |
| 6,354,801 B1 * | 3/2002  | Gajewski     | ..... | F04D 25/088 |
|                |         |              |       | 415/121.2   |
| D478,981 S *   | 8/2003  | Frampton     | ..... | D23/411     |
| D483,108 S *   | 12/2003 | Frampton     | ..... | D23/411     |

|                   |         |           |       |             |
|-------------------|---------|-----------|-------|-------------|
| D483,468 S *      | 12/2003 | Wong      | ..... | D23/382     |
| D485,608 S *      | 1/2004  | Chen      | ..... | D23/377     |
| D485,896 S *      | 1/2004  | Chen      | ..... | D23/377     |
| D489,809 S *      | 5/2004  | Gajewski  | ..... | D23/411     |
| D493,217 S *      | 7/2004  | Spina     | ..... | D23/377     |
| D513,798 S *      | 1/2006  | Andrews   | ..... | D23/382     |
| D676,535 S *      | 2/2013  | Barrett   | ..... | D23/382     |
| D700,311 S *      | 2/2014  | Wang      | ..... | D23/385     |
| D777,312 S *      | 1/2017  | Badarello | ..... | D23/377     |
| D789,507 S *      | 6/2017  | Badarello | ..... | D23/377     |
| D799,676 S *      | 10/2017 | Wong      | ..... | D23/382     |
| D882,060 S *      | 4/2020  | Wang      | ..... | D23/382     |
| D889,632 S *      | 7/2020  | Ediger    | ..... | D23/412     |
| D920,498 S *      | 5/2021  | Habig     | ..... | D23/411     |
| 2009/0072108 A1 * | 3/2009  | Oleson    | ..... | F16M 11/10  |
|                   |         |           |       | 248/282.1   |
| 2013/0114245 A1 * | 5/2013  | Todd, Jr. | ..... | F04D 29/582 |
|                   |         |           |       | 362/96      |

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a ceiling fan, as shown and described.

**DESCRIPTION**

FIG. 1 is a front top perspective view of a ceiling fan showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

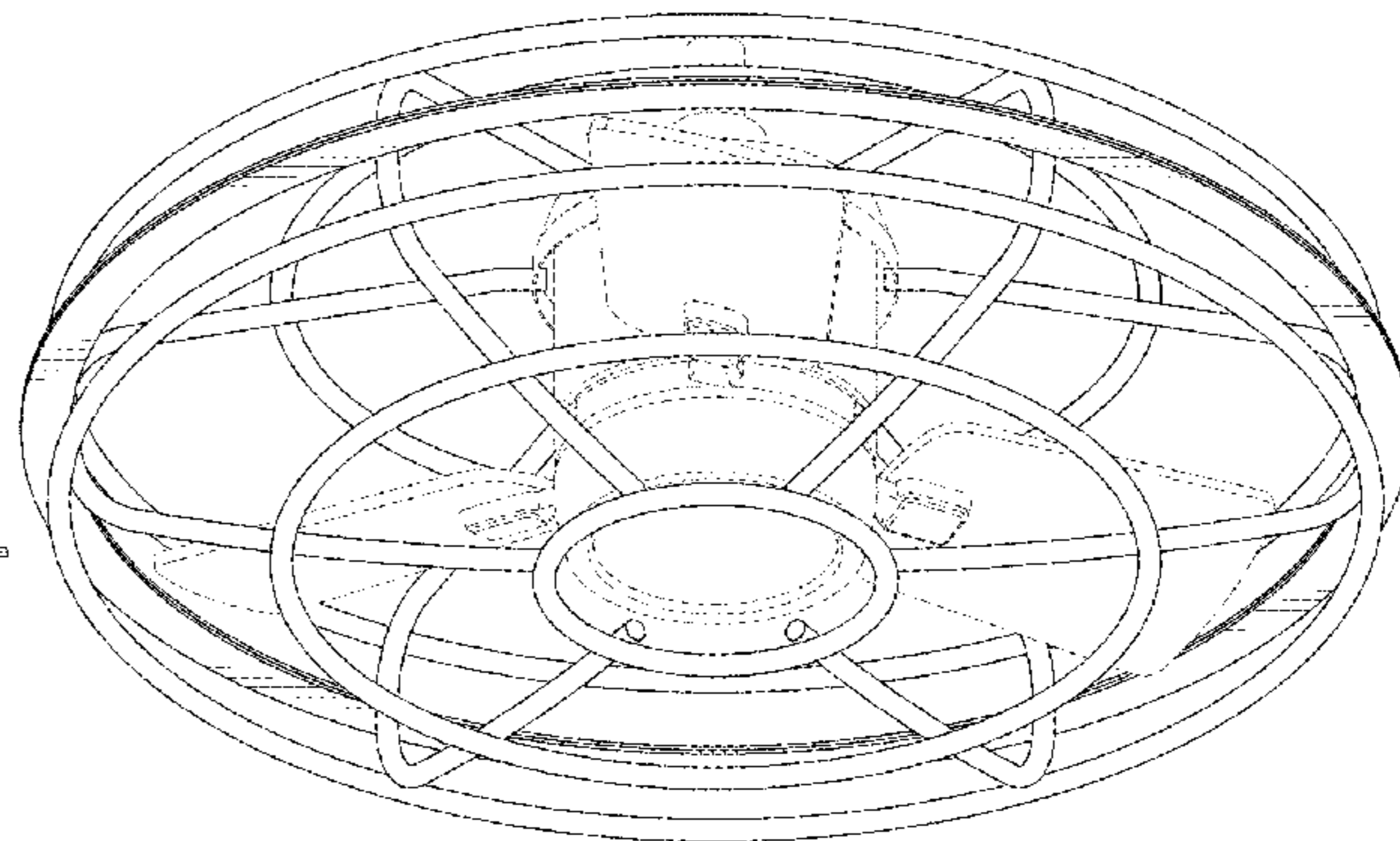
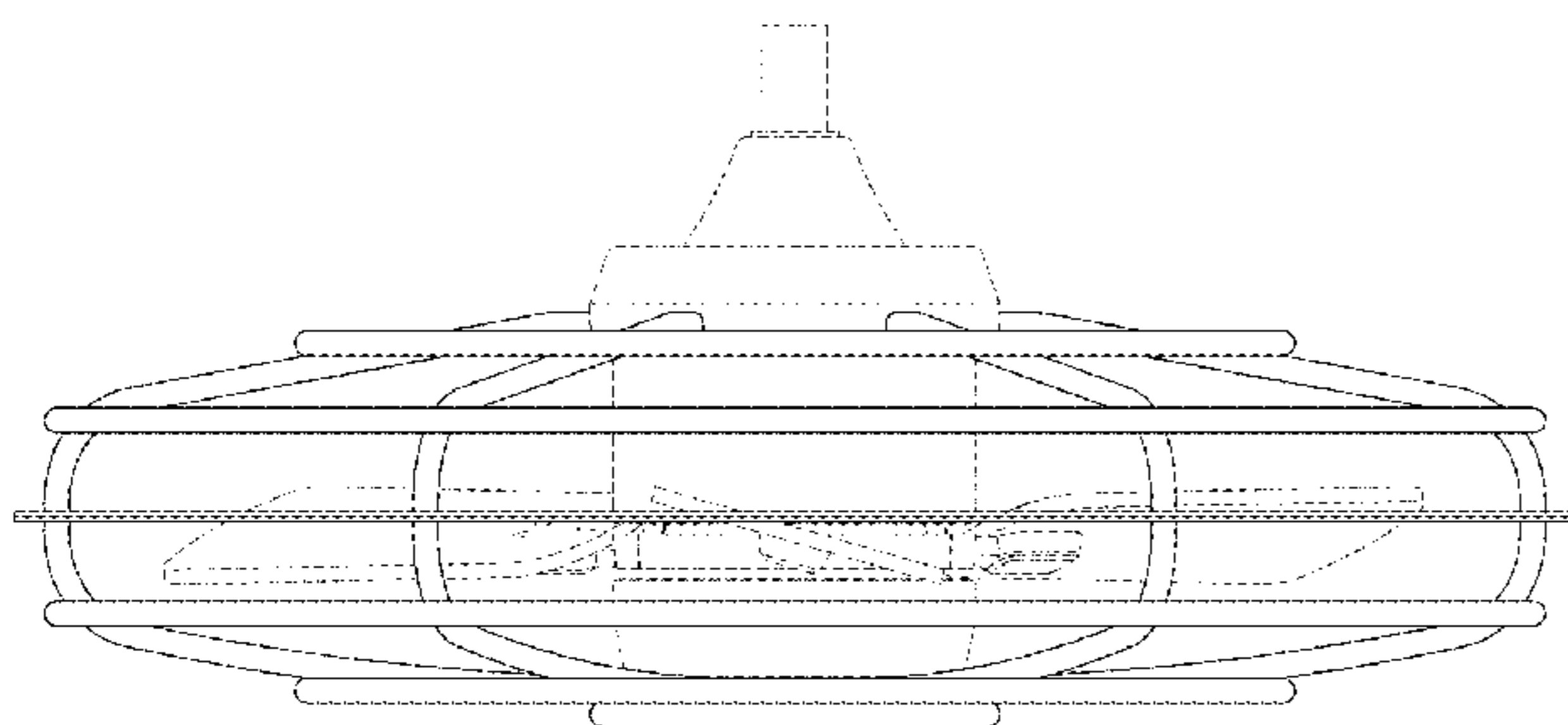
FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof; and,

FIG. 8 is a front bottom perspective view thereof.

The broken lines illustrate portions of the ceiling fan and form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



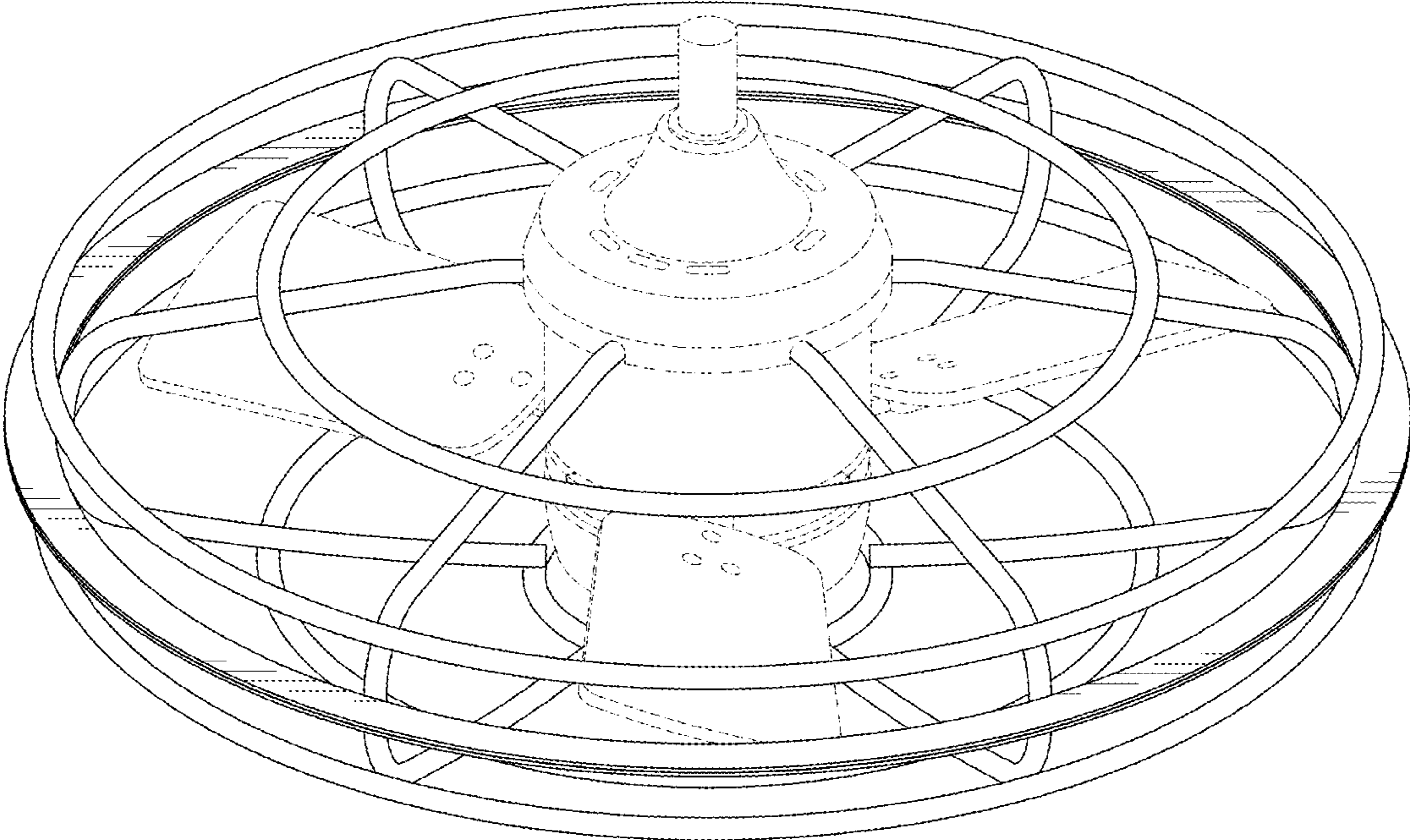


FIG. 1

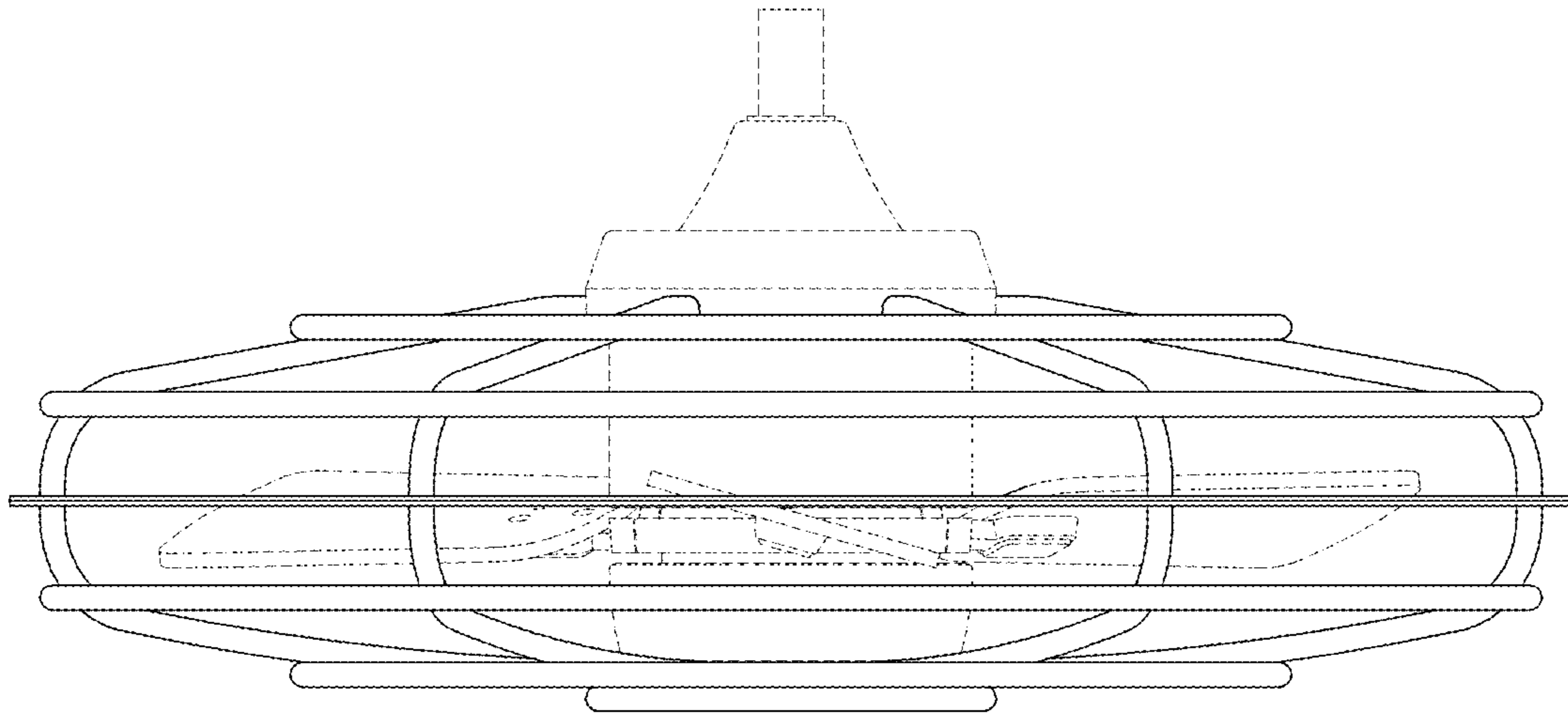


FIG. 2

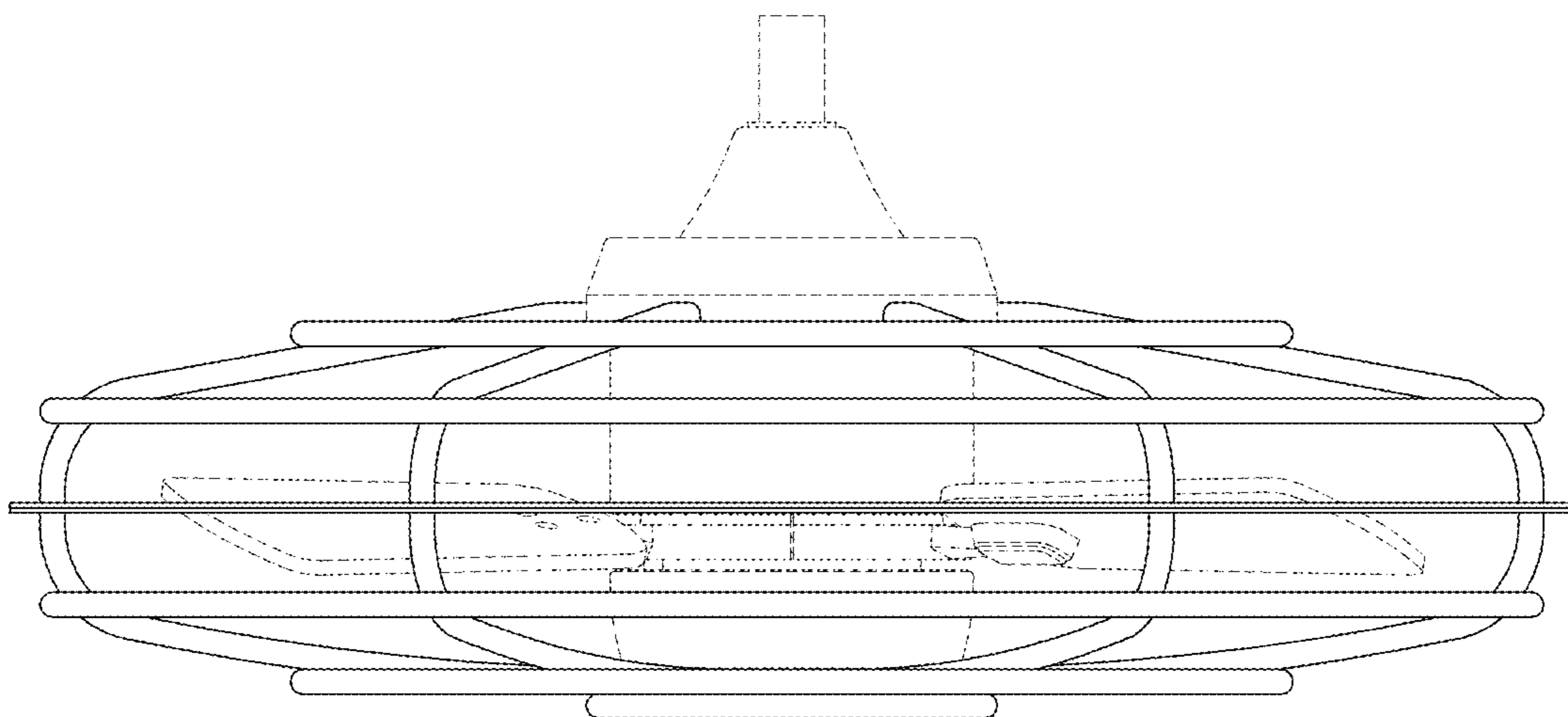


FIG. 3

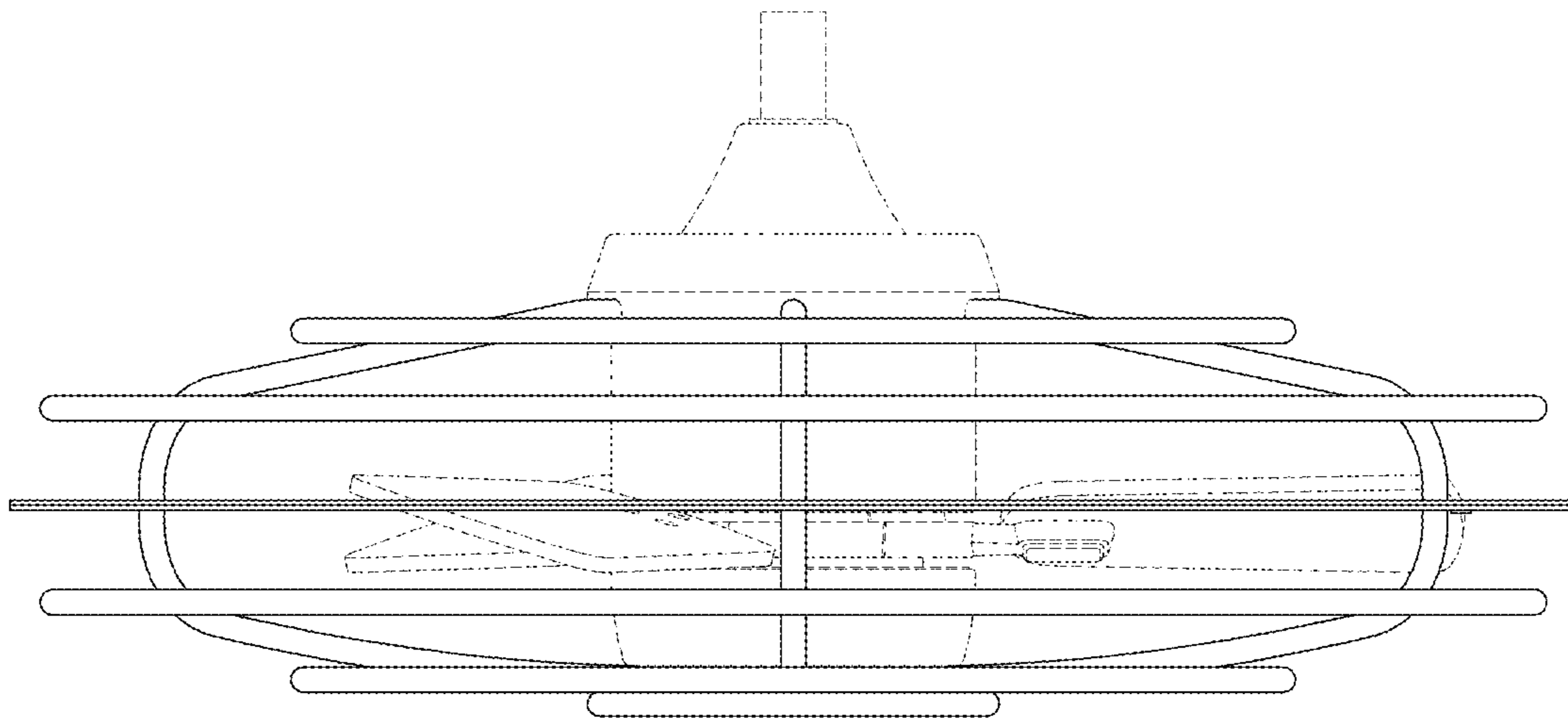


FIG. 4

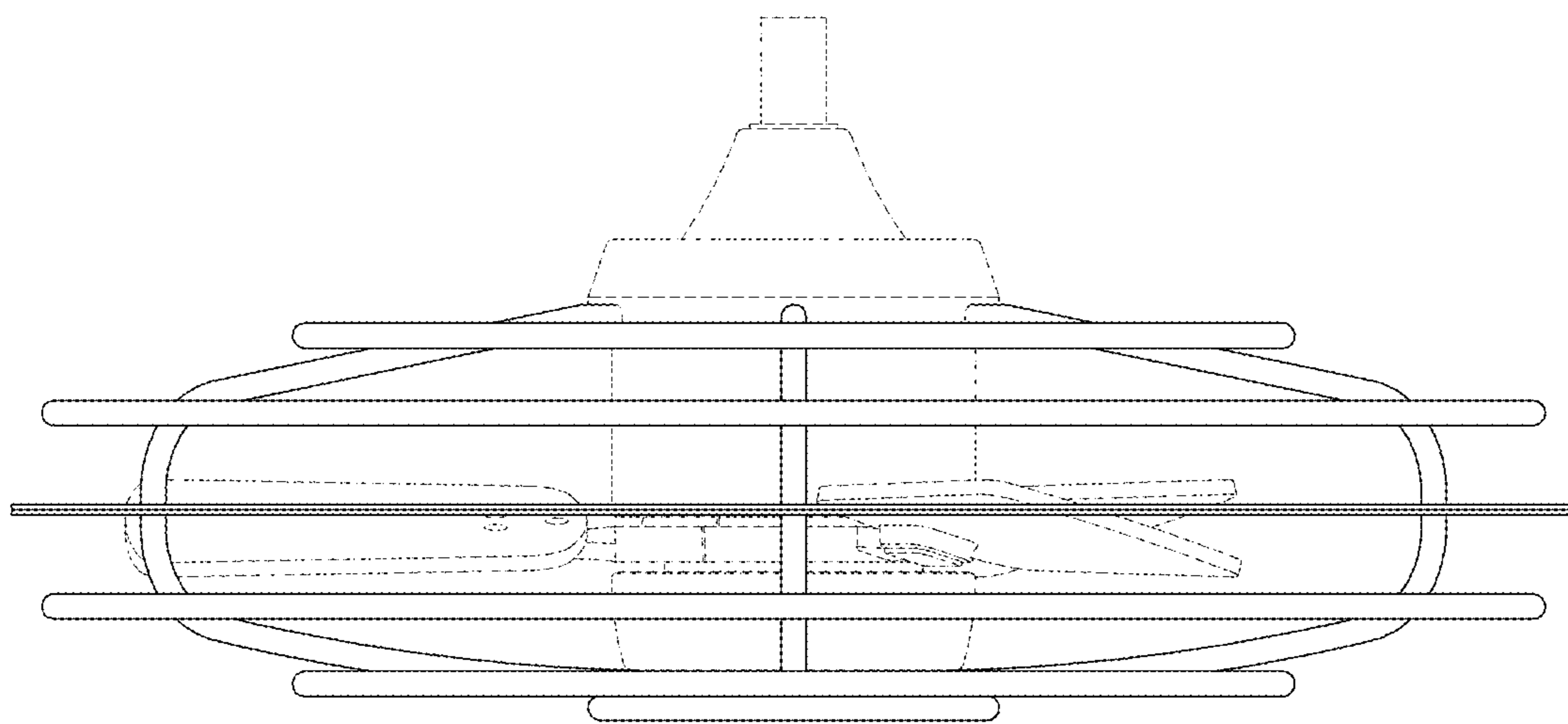


FIG. 5

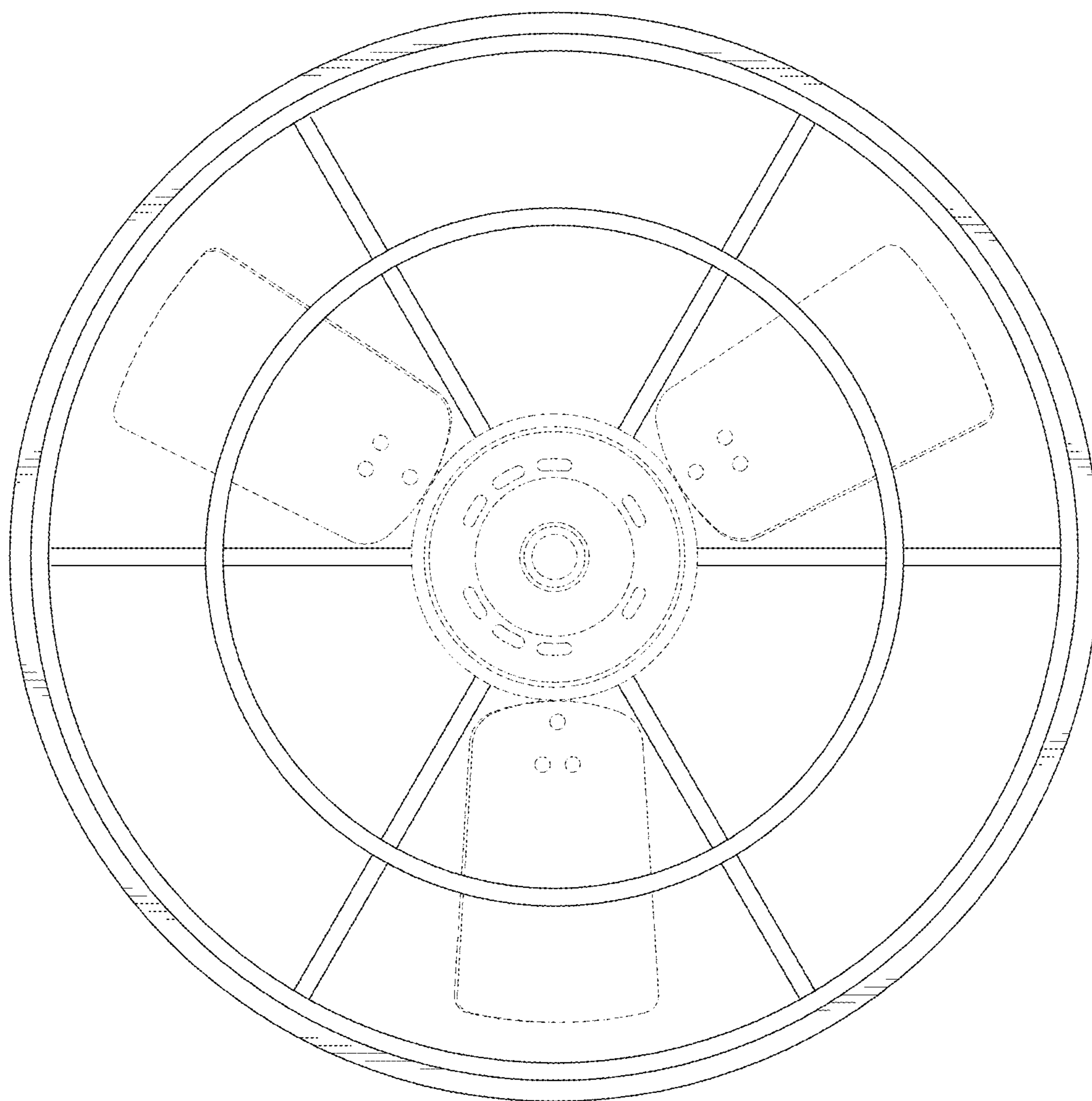


FIG. 6

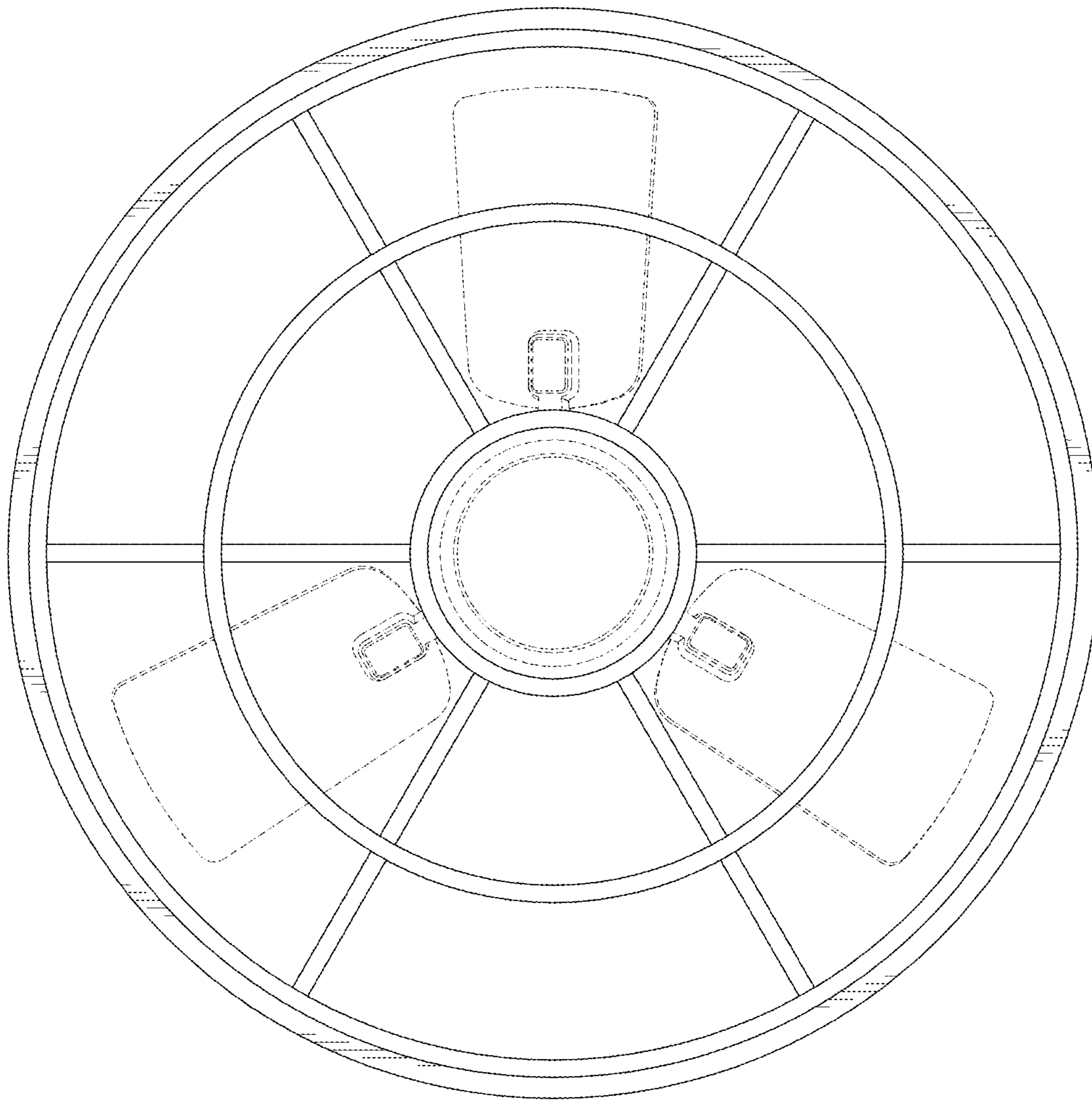


FIG. 7

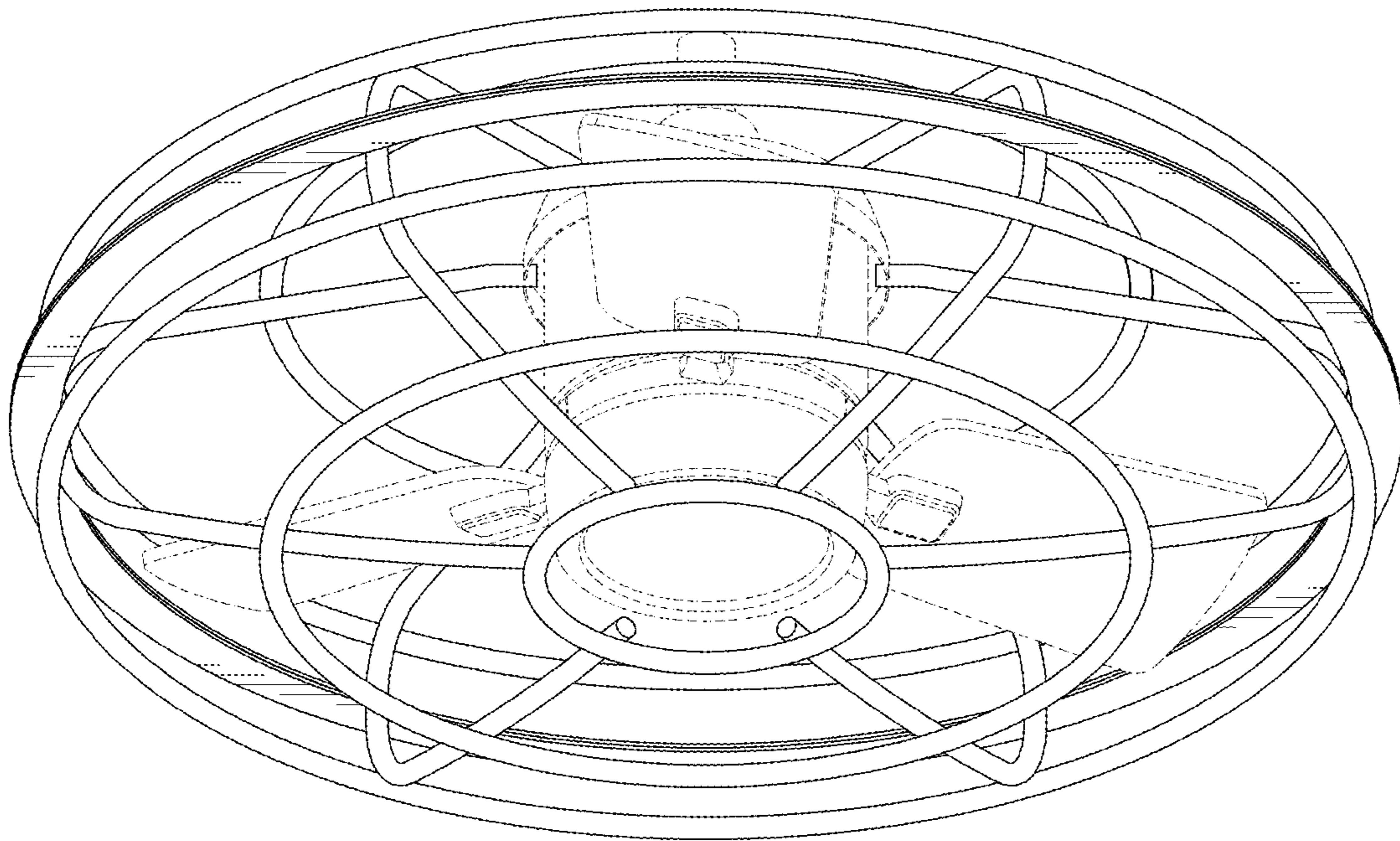


FIG. 8