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

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- (54) **UNMANNED AERIAL VEHICLE**
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- (73) Assignee: **BCB International Limited** (GB)
- (**) Term: **14 Years**
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- (51) **LOC (10) CL.** **12-07**
- (52) **U.S. CL.**
USPC **D12/319**; D12/16.1; D12/326

- (58) **Field of Classification Search**
USPC D12/16.1, 319, 326, 327, 328, 329, 330, D12/331, 344, 345, 99, 125, 404, 414, 190, D12/214, 223; D21/437, 442, 447, 446, D21/448, 449, 450, 453
CPC F41H 13/00; A01K 67/033; B64C 2201/108; B64C 27/54; A63H 27/12; A63H 17/00; G05D 1/0016
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D189,462 S * 12/1960 Vogt D12/329
- 3,053,480 A * 9/1962 Vanderlip B64C 27/54
244/17.13
- 3,614,029 A * 10/1971 Eickmann B64C 11/00
244/17.23
- 4,050,652 A 9/1977 DeToia
- 4,913,377 A * 4/1990 Eickmann B64C 29/00
244/17.11
- 5,082,079 A * 1/1992 Lissaman B64C 27/20
180/118
- 6,860,449 B1 3/2005 Chen

- D648,809 S * 11/2011 Seydoux D21/441
- D659,771 S * 5/2012 Seydoux D21/441
- 8,167,234 B1 * 5/2012 Moore B64C 37/00
244/17.23
- 8,214,088 B2 * 7/2012 Lefebure A63H 27/12
244/189
- 8,594,862 B2 * 11/2013 Callou B64C 39/024
701/2
- 8,662,438 B2 * 3/2014 Savoye A63H 27/12
244/17.11
- D708,272 S * 7/2014 Schmelter D12/16.1
- 8,794,564 B2 * 8/2014 Hutson B64D 45/00
244/17.17
- 8,818,083 B2 * 8/2014 Jonchery A63H 27/12
382/103
- 8,958,928 B2 * 2/2015 Seydoux A63H 27/12
244/17.13
- 8,991,740 B2 * 3/2015 Olm B60F 5/02
244/2

(Continued)

FOREIGN PATENT DOCUMENTS

- EM 002482729-0001 6/2014
- JP 2012245832 A 12/2012

(Continued)

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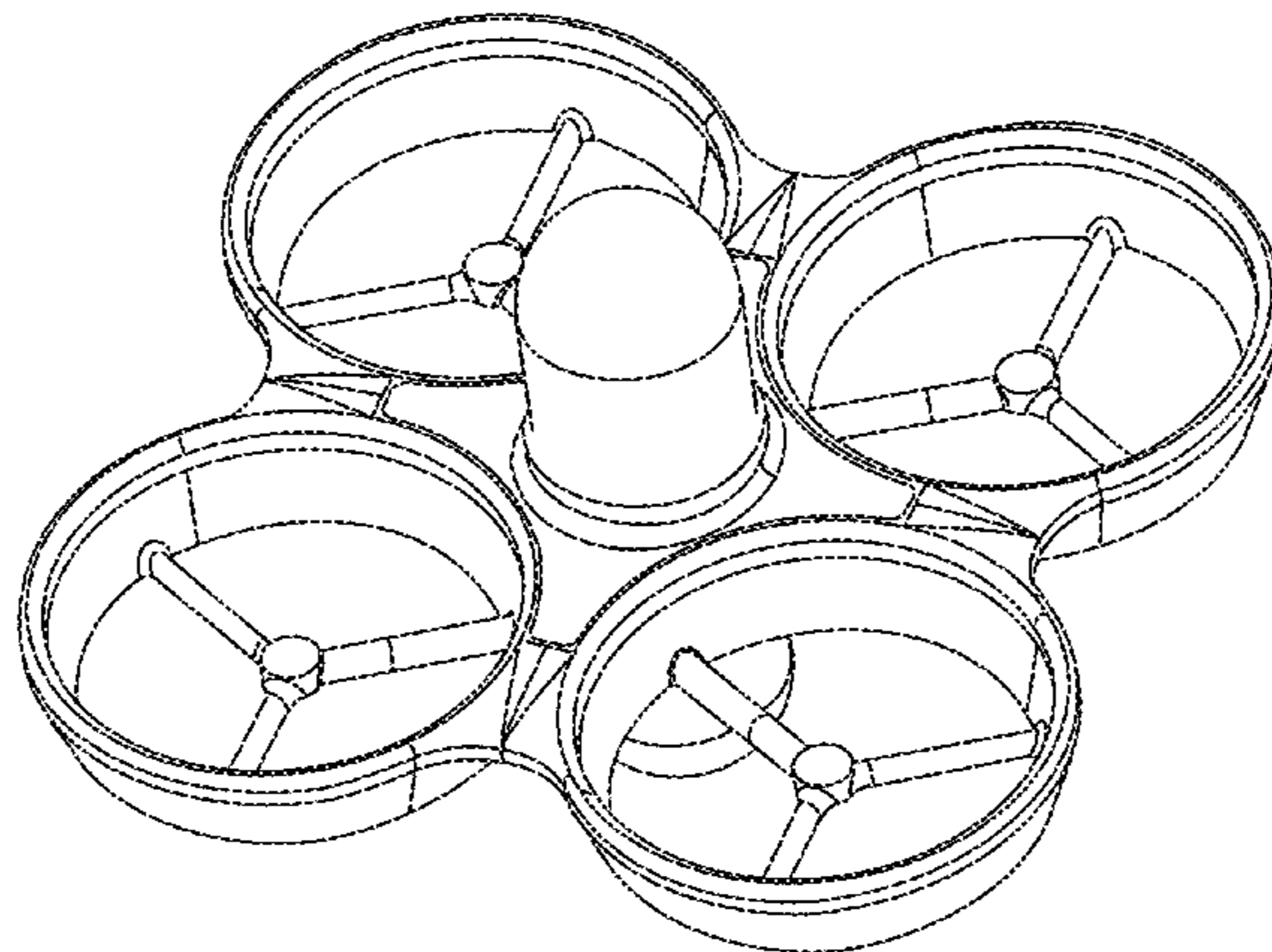
(57) **CLAIM**

We claim the ornamental design for an unmanned aerial vehicle, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an unmanned aerial vehicle showing front, top, and left sides;
FIG. 2 is a top side view of an unmanned aerial vehicle;
FIG. 3 is a left side view of an unmanned aerial vehicle, with a right side view being the same;
FIG. 4 is a front side view of an unmanned aerial vehicle, with a back side view being the same;
FIG. 5 is a perspective view of an unmanned aerial vehicle showing front, bottom, and left sides; and,
FIG. 6 is a bottom view of an unmanned aerial vehicle.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

9,004,396 B1 * 4/2015 Colin B64D 47/08
244/17.23
9,061,558 B2 * 6/2015 Kalantari A63H 27/12
9,158,304 B2 * 10/2015 Fleck G05D 1/0011
2002/0106961 A1 8/2002 Berthold
2006/0226281 A1 * 10/2006 Walton B64C 29/0033
244/17.23
2007/0105474 A1 * 5/2007 Gotou A63H 27/02
446/37

2008/0048065 A1 * 2/2008 Kuntz A63H 17/00
244/17.23
2009/0283629 A1 * 11/2009 Kroetsch A63H 27/12
244/17.23
2011/0001001 A1 1/2011 Bryant

FOREIGN PATENT DOCUMENTS

RU 2386547 C1 4/2010
WO 2010061070 A1 6/2010

* cited by examiner

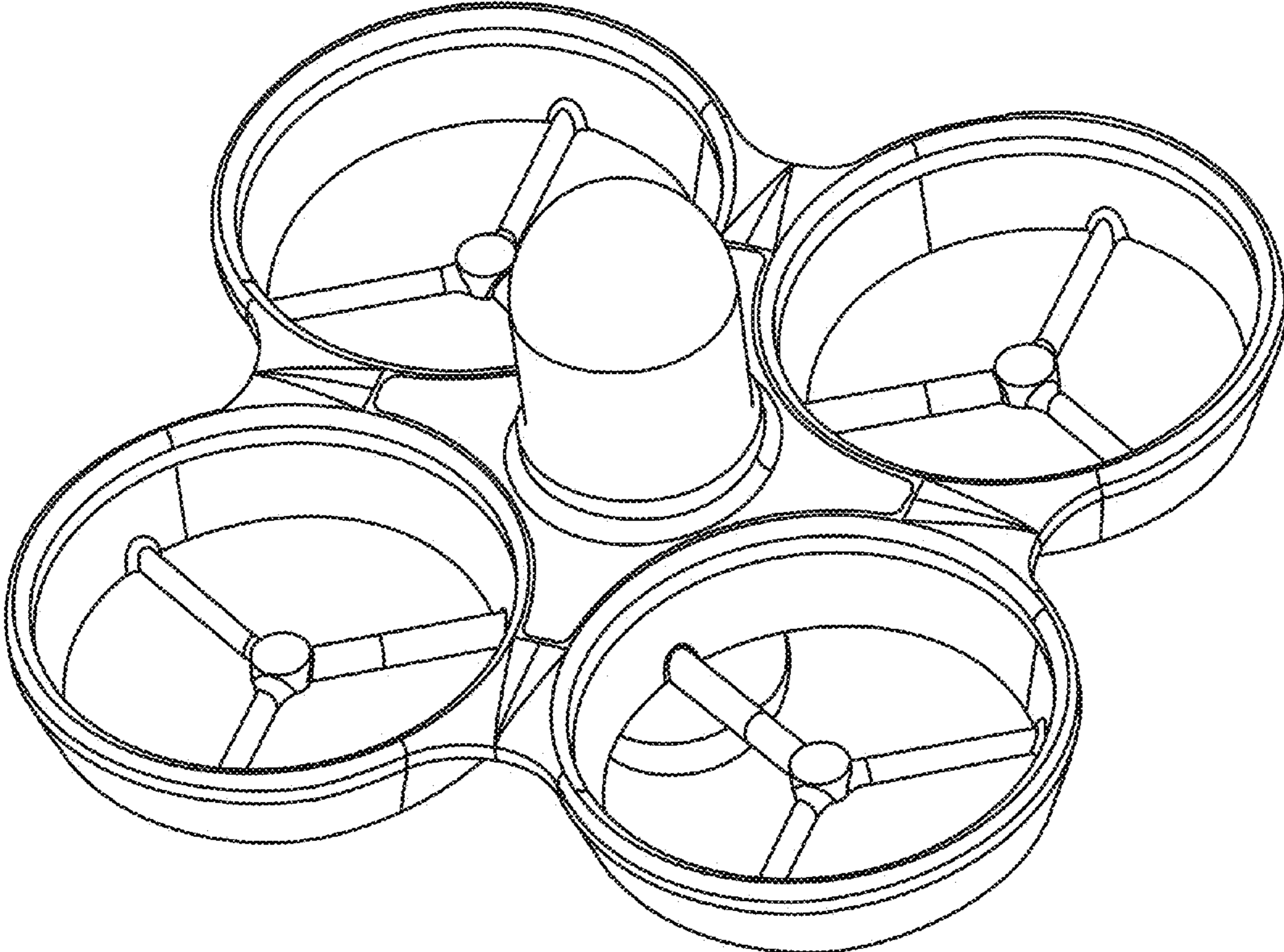


FIG. 1

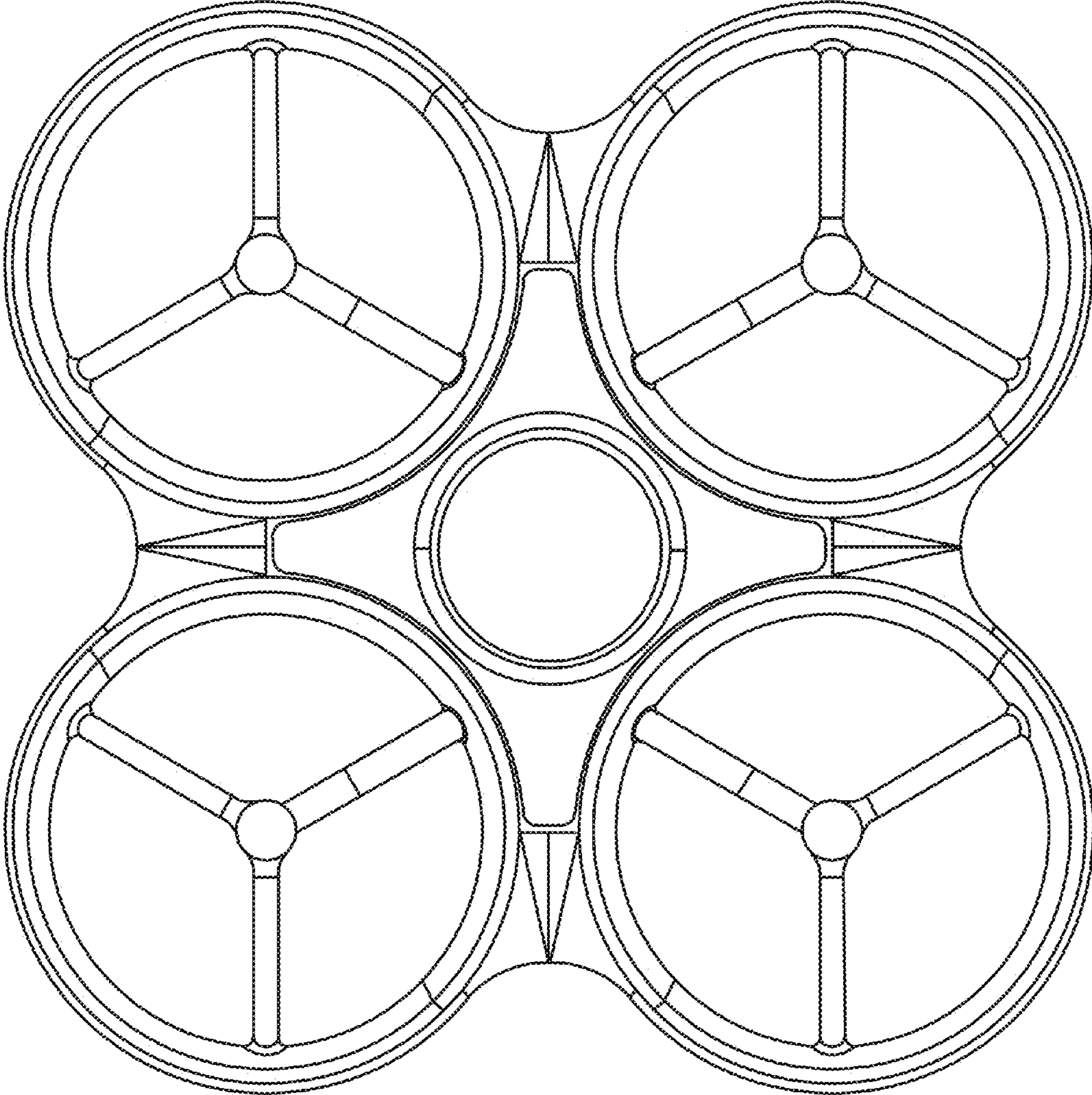


FIG. 2

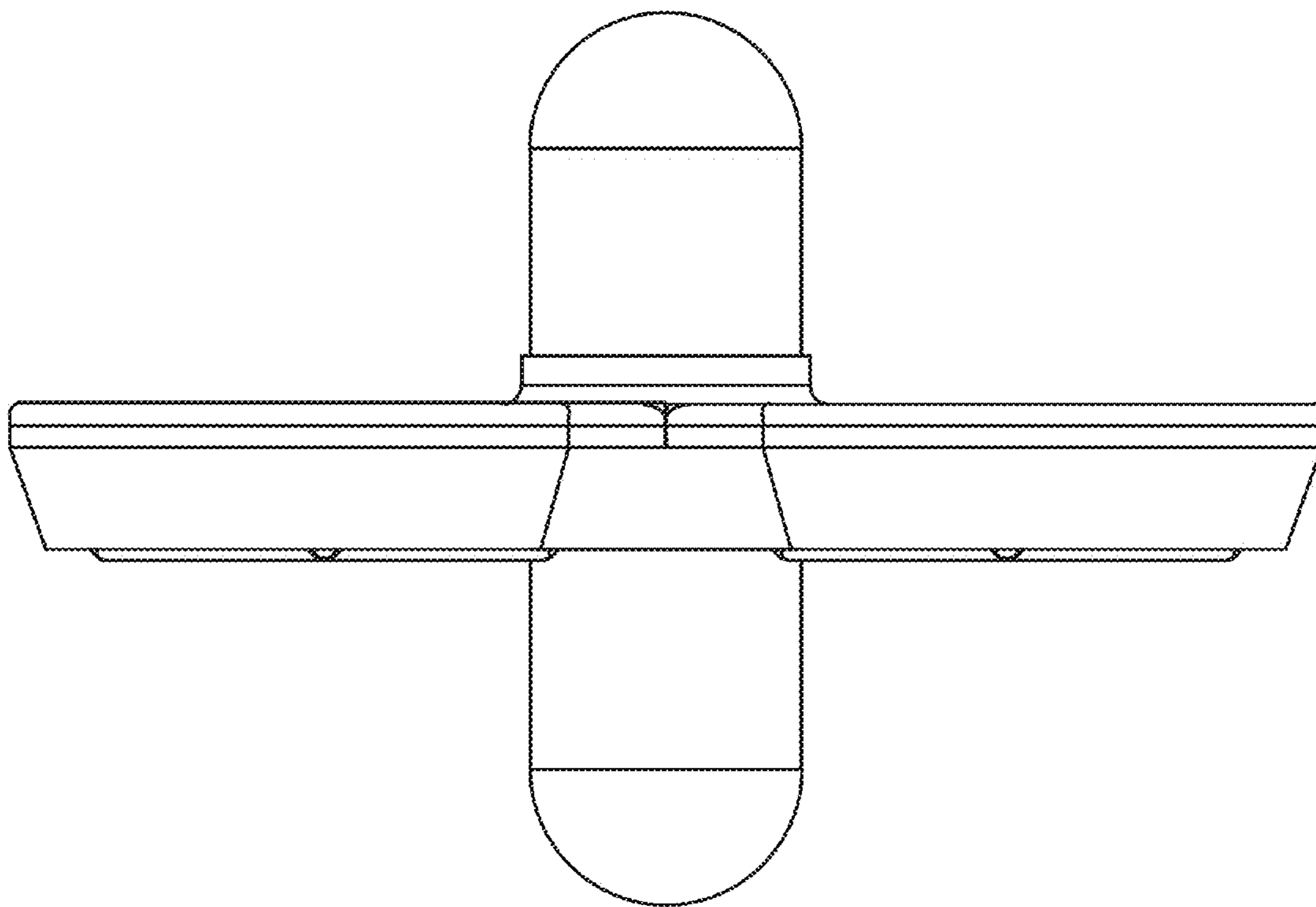


FIG. 3

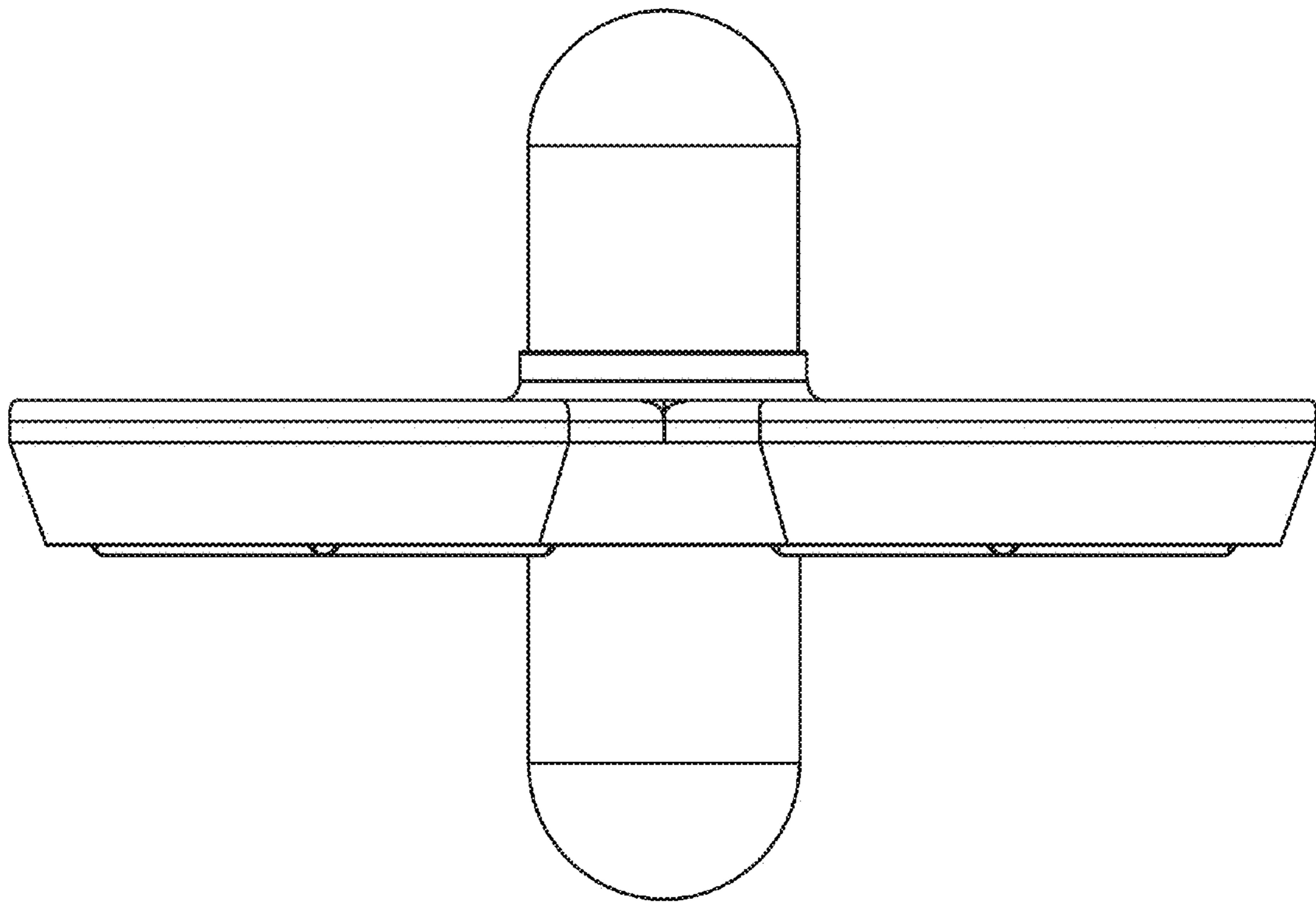


FIG. 4

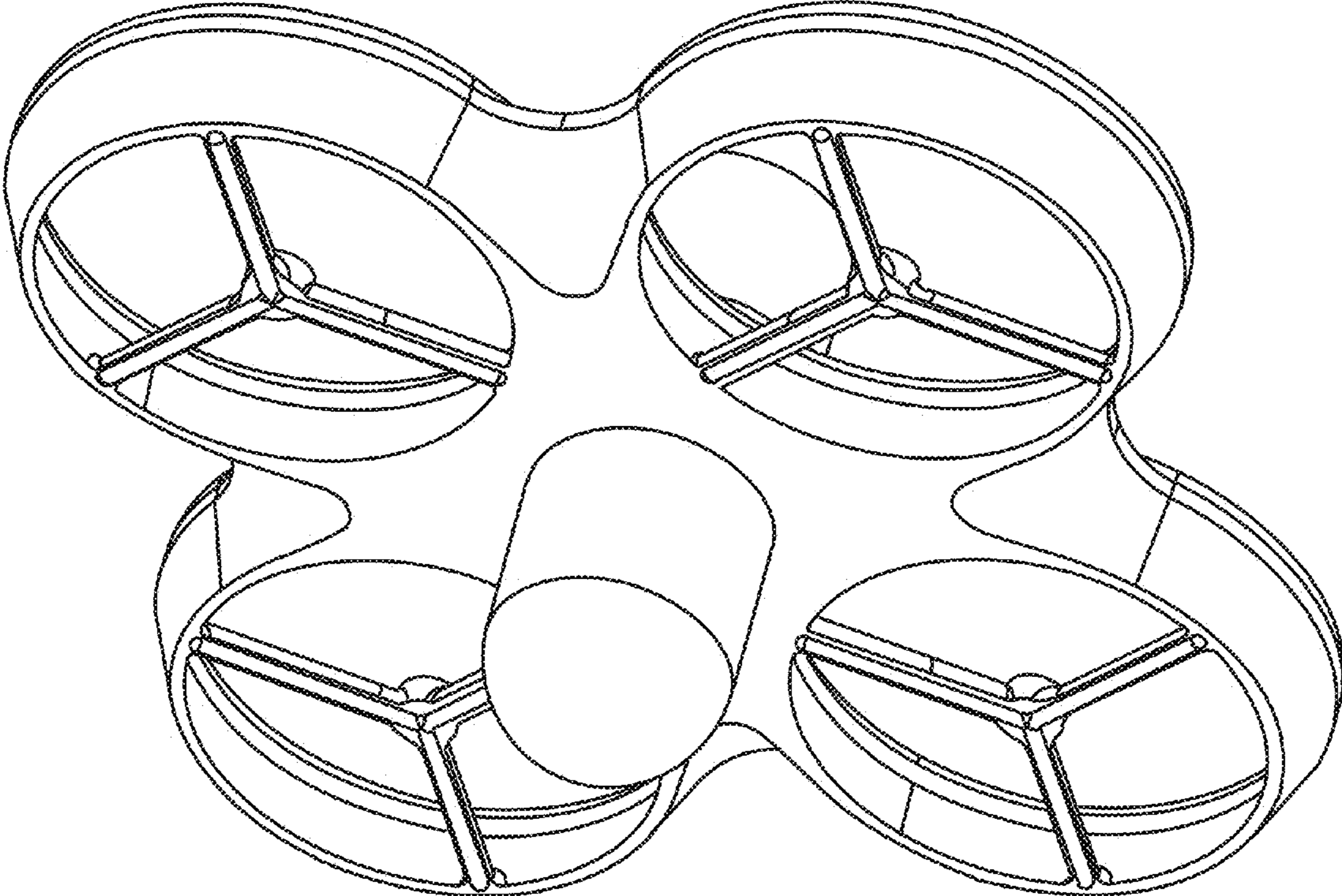


FIG. 5

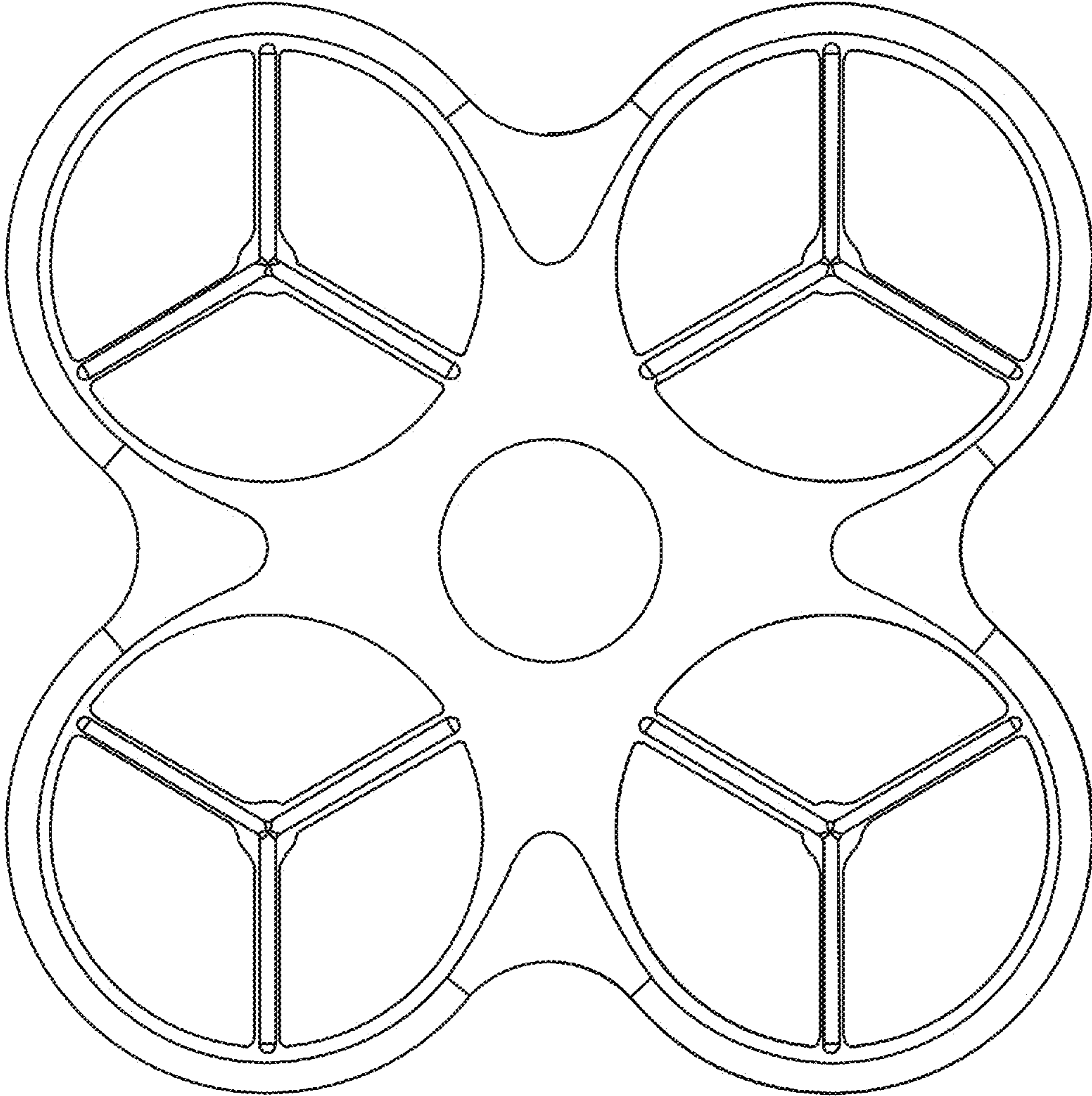


FIG. 6