



US00D629467S

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

(10) **Patent No.:** **US D629,467 S**

(45) **Date of Patent:** **** Dec. 21, 2010**

(54) **DUAL ROTOR MINI TOY HELICOPTER**

HK 0703120.4M001 * 2/2008
HK 0800077.0 * 3/2008

(76) Inventor: **Muxiong Cai**, Huafu Village, Dengfeng Road, Guangyi Street, Shanton City, Guangdong Province (CN)

* cited by examiner

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

Primary Examiner—Catherine Tuttle
(74) *Attorney, Agent, or Firm*—Frederick Gotha

(21) Appl. No.: **29/307,505**

(57) **CLAIM**

(22) Filed: **Apr. 24, 2008**

The ornamental design for a dual rotor mini toy helicopter, as shown and described.

(51) **LOC (9) Cl.** **21-01**

(52) **U.S. Cl.** **D21/442**

(58) **Field of Classification Search** D21/436-454;
D12/319-345; 446/30-68, 88; 244/17.11-17.27
See application file for complete search history.

DESCRIPTION

(56) **References Cited**

FIG. 1 is a perspective view of a dual rotor mini toy helicopter showing my new design where the broken lines are included for the purpose of illustrating portions of the article that form no part of the new design;

U.S. PATENT DOCUMENTS

FIG. 2 is a left side view of the new design shown in FIG. 1.

D546,269 S * 7/2007 Van de Rostyne et al. .. D12/345

FIG. 3 is a front view of the new design shown in FIG. 1.

D548,803 S * 8/2007 Zimet D21/442

FIG. 4 is a right side view of the new design shown in FIG. 1.

2006/0121819 A1 * 6/2006 Isawa 446/37

FIG. 5 is a rear view of the new design shown in FIG. 1.

2006/0231677 A1 * 10/2006 Zimet et al. 244/17.23

FIG. 6 is a top view of the new design as shown in FIG. 1; and,

2007/0012818 A1 * 1/2007 Miyazawa et al. 244/17.25

FIG. 7 is a bottom view of the new design shown in FIG. 1.

2007/0105475 A1 * 5/2007 Gotou et al. 446/37

FOREIGN PATENT DOCUMENTS

EM 000905724.0001 * 3/2008

1 Claim, 7 Drawing Sheets

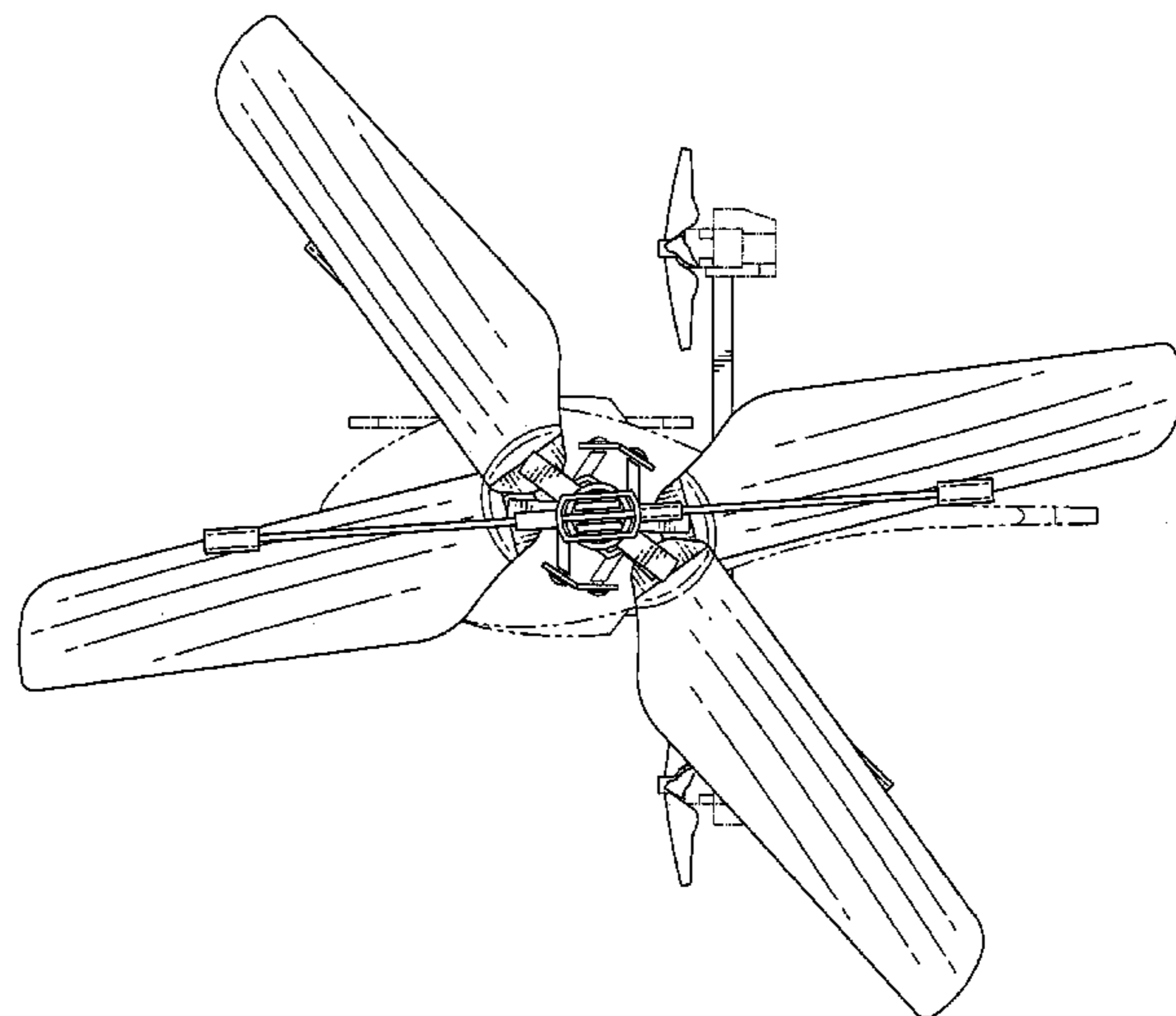
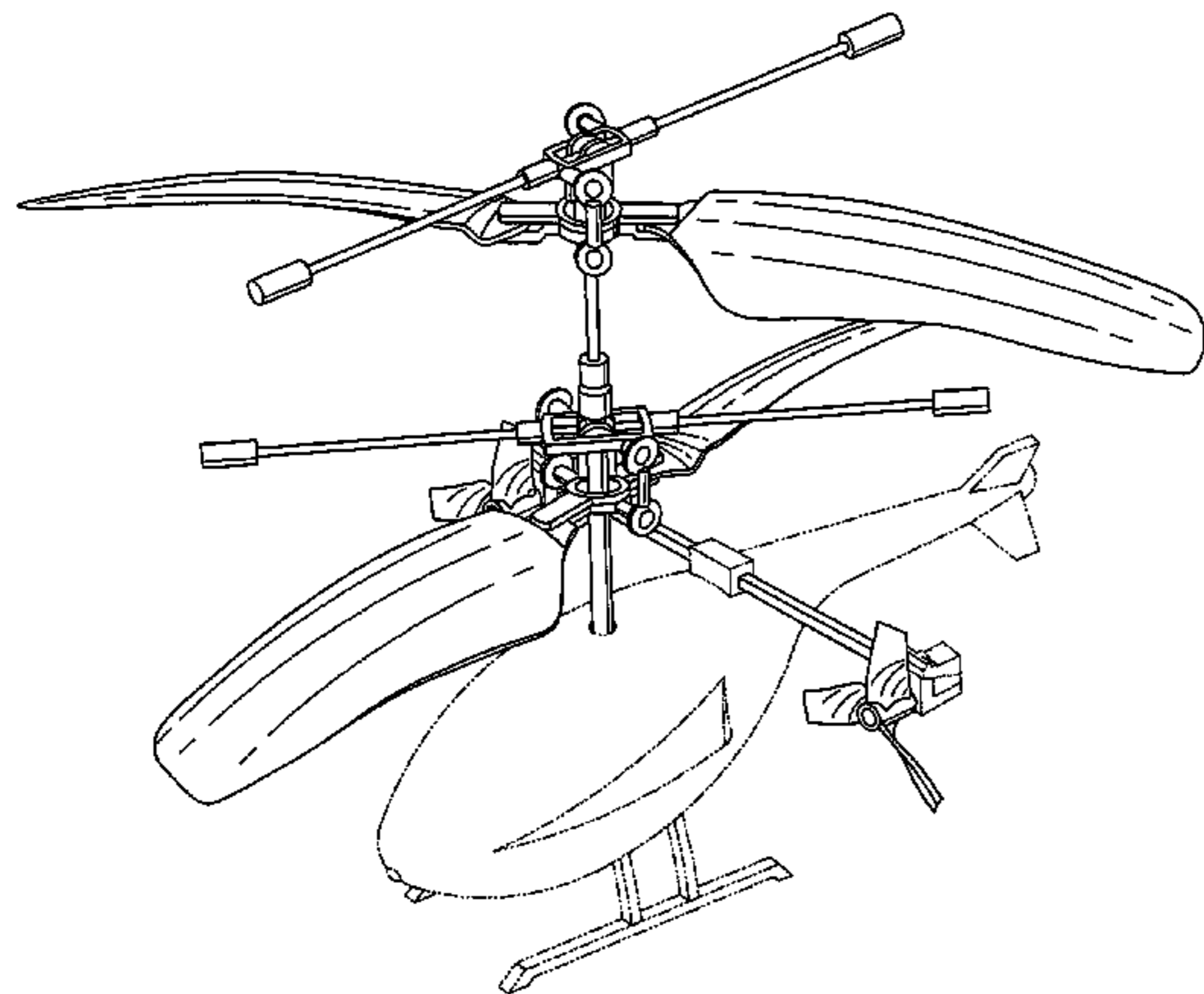
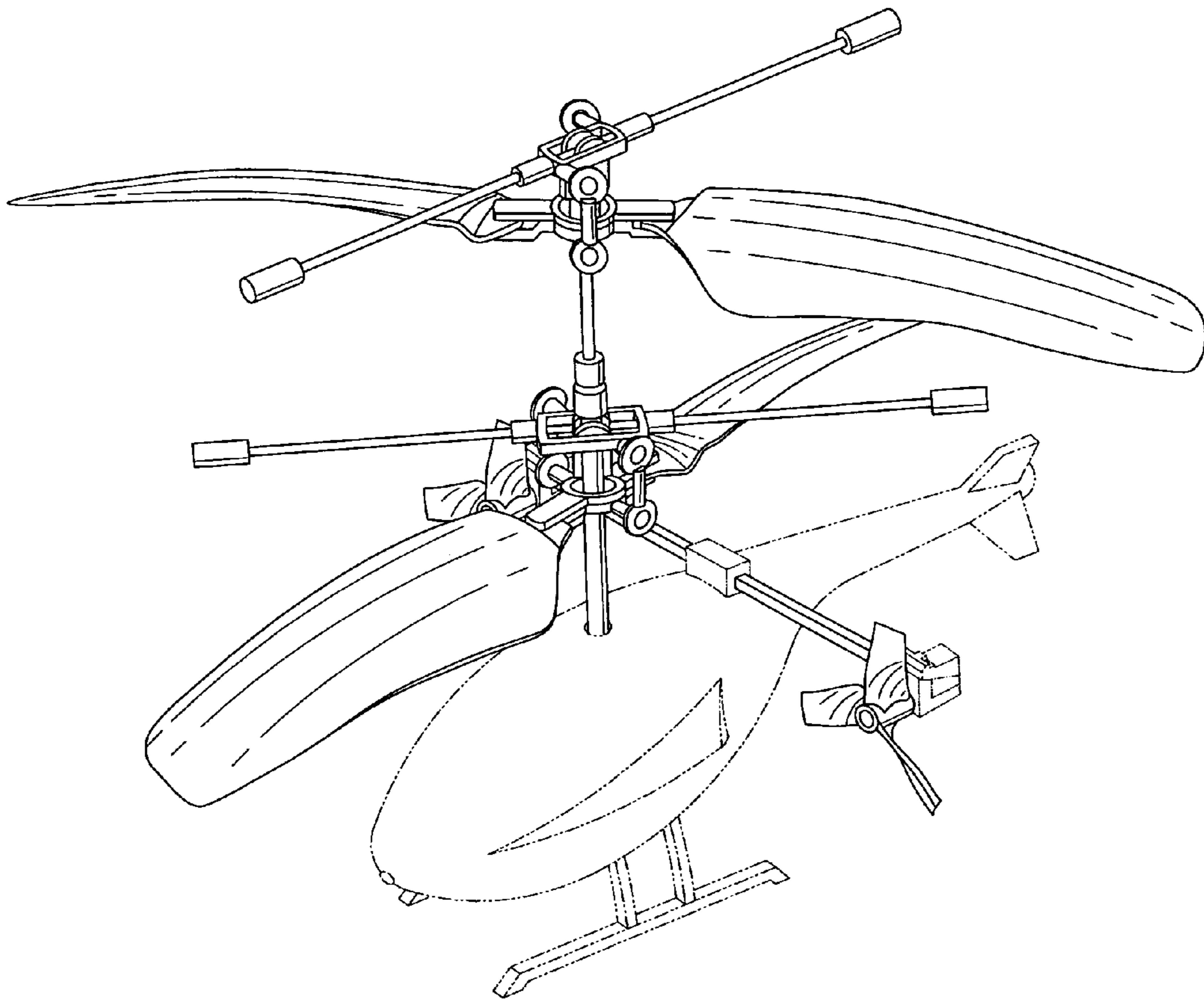


FIG. 1



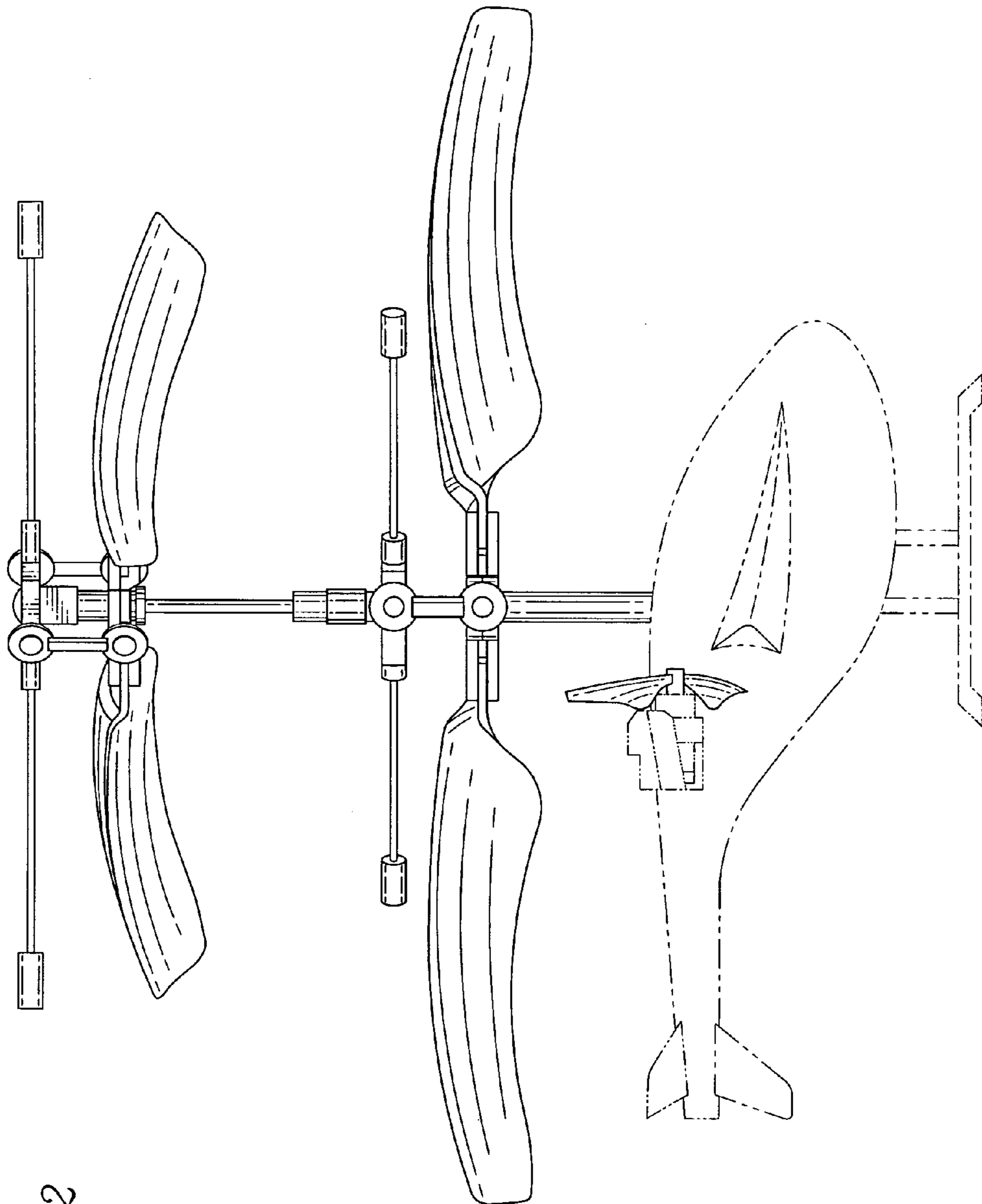


FIG. 2

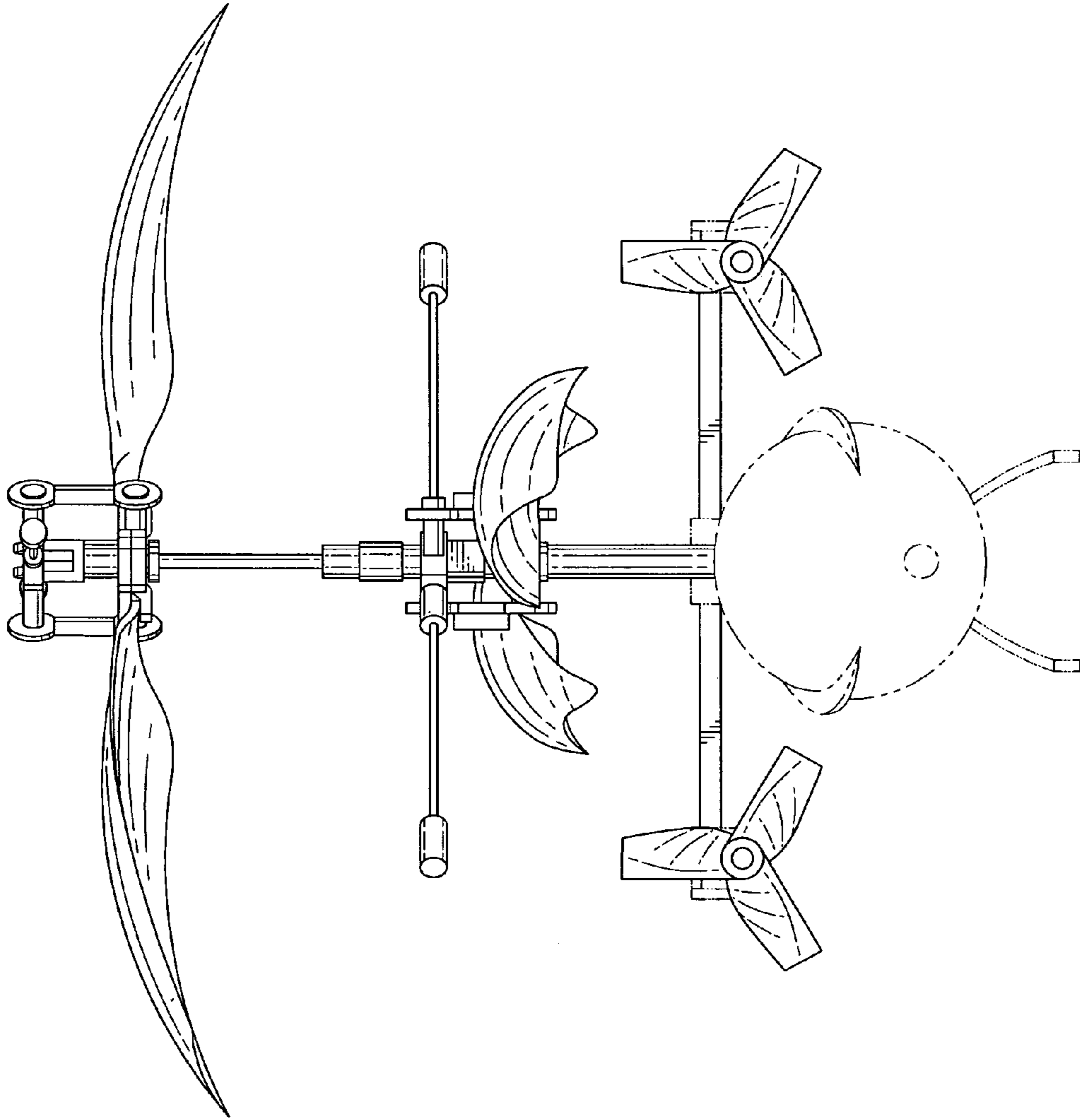


FIG. 3

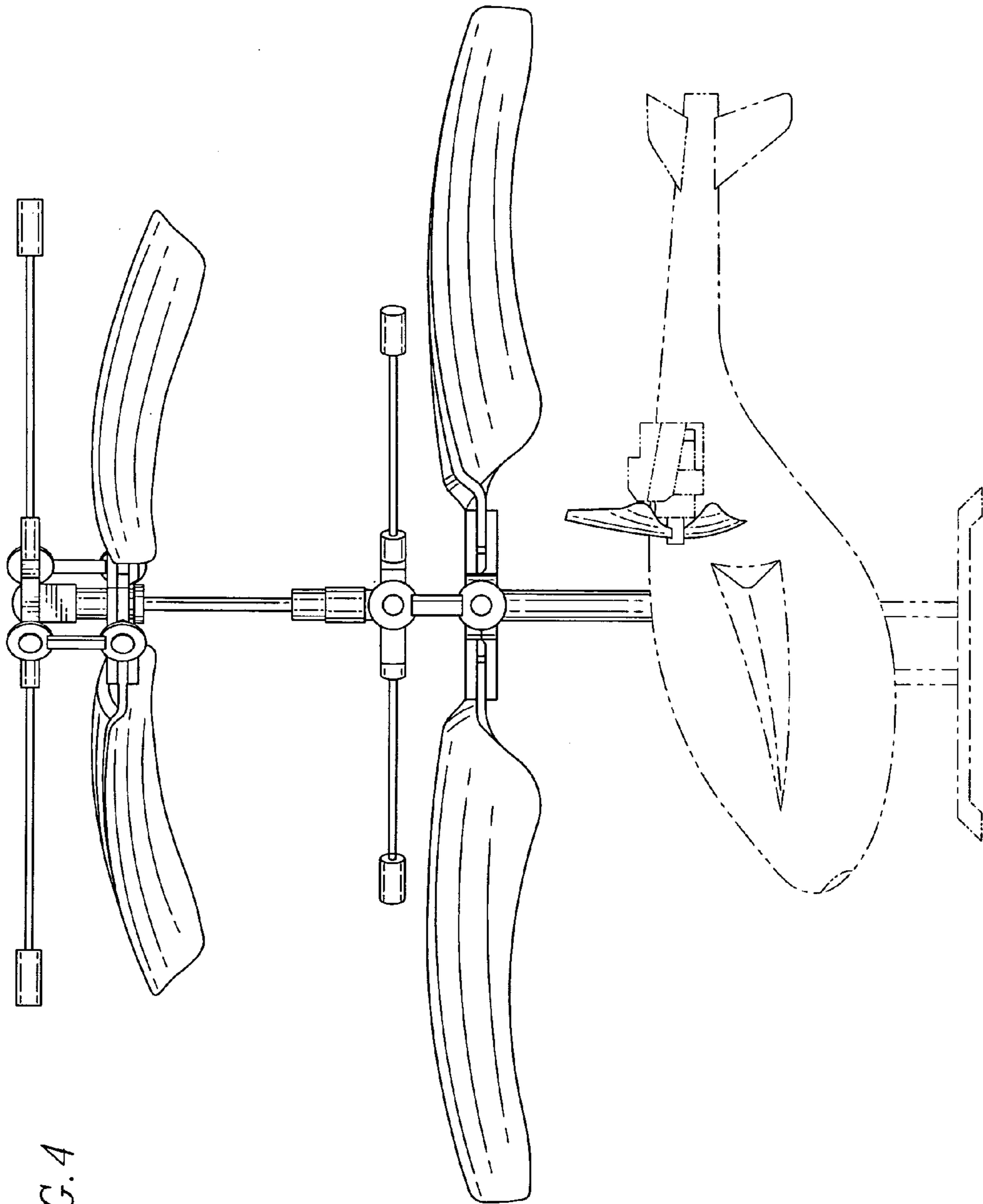


FIG. 4

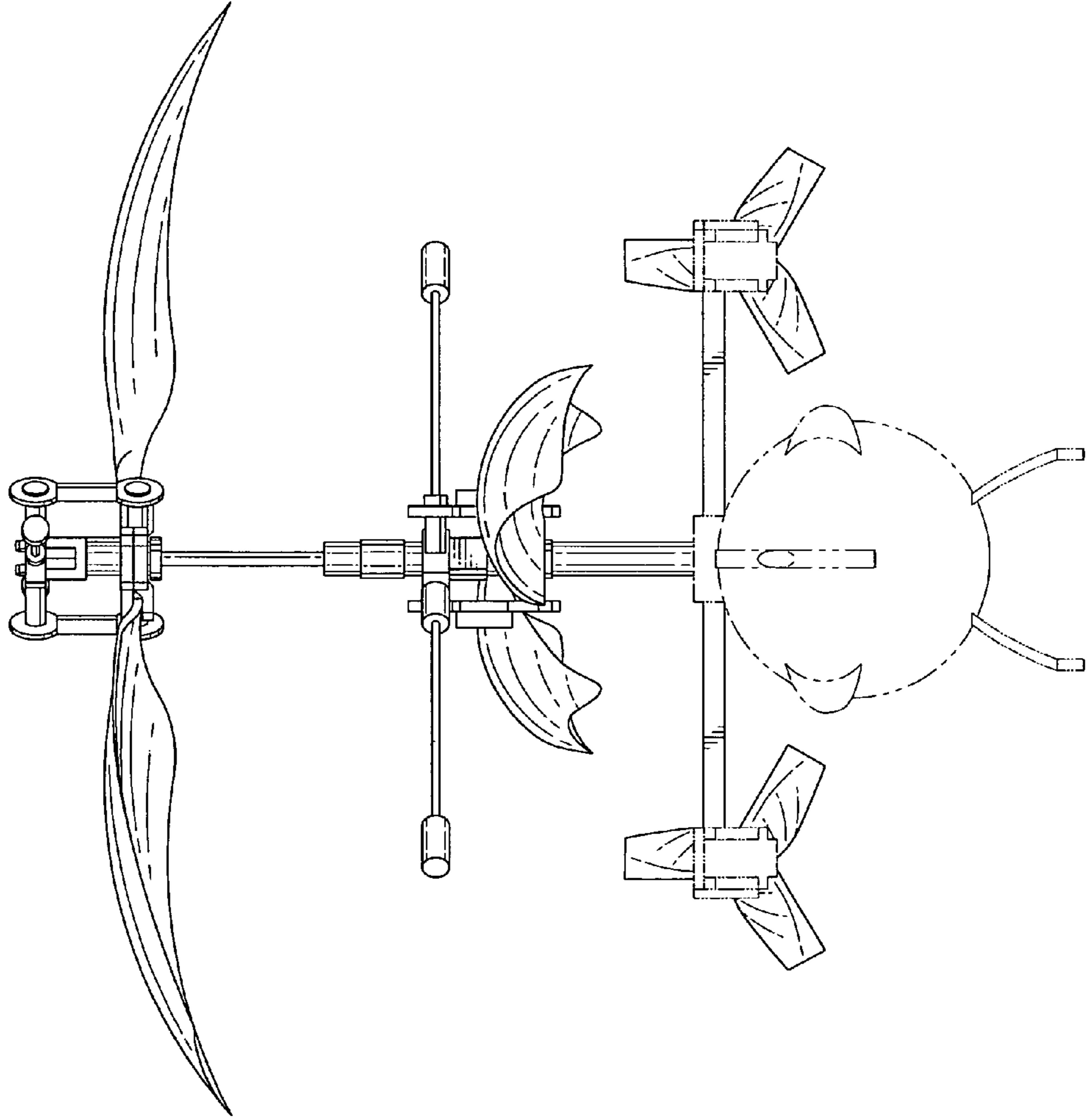


FIG. 5

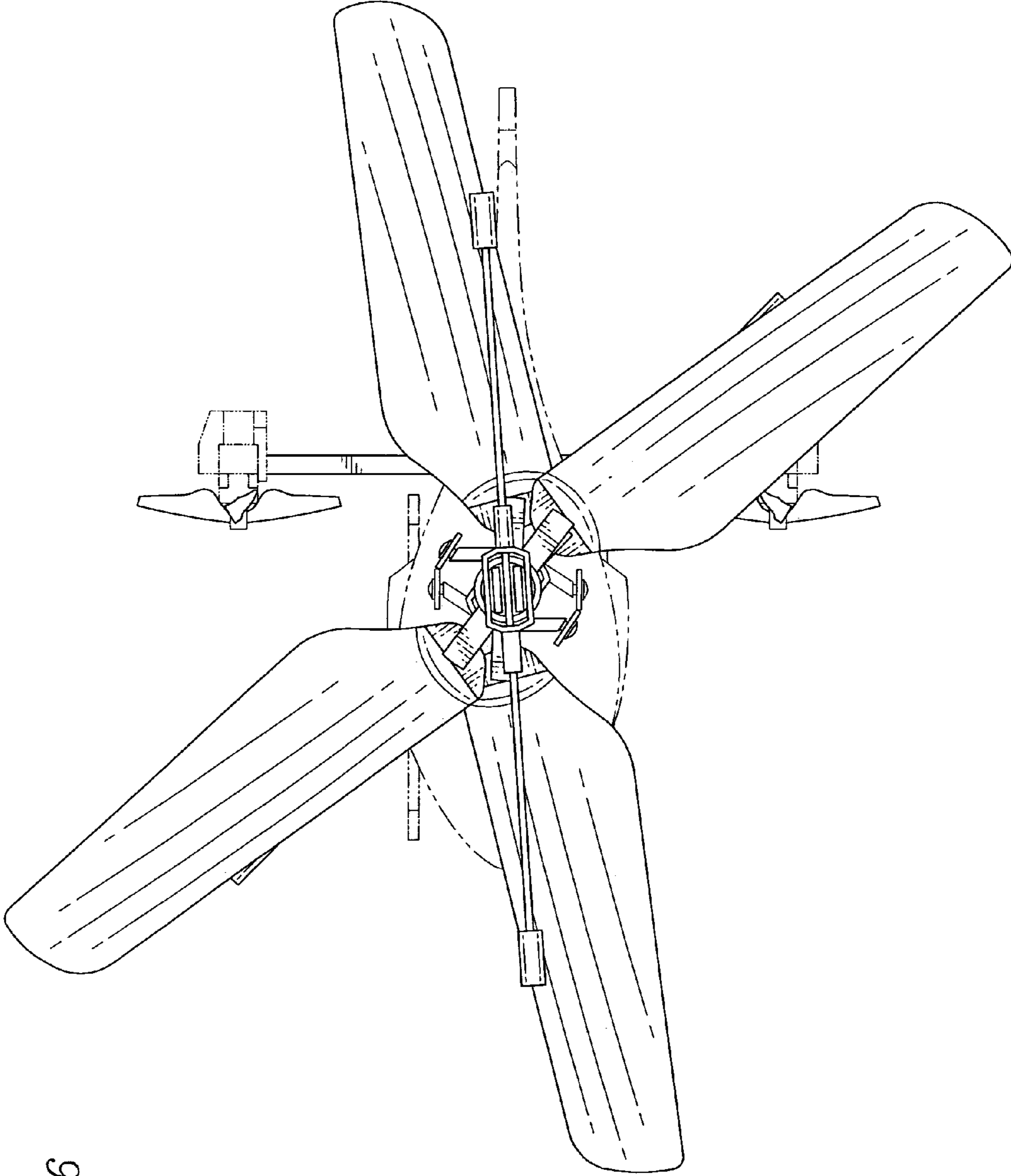


FIG. 6

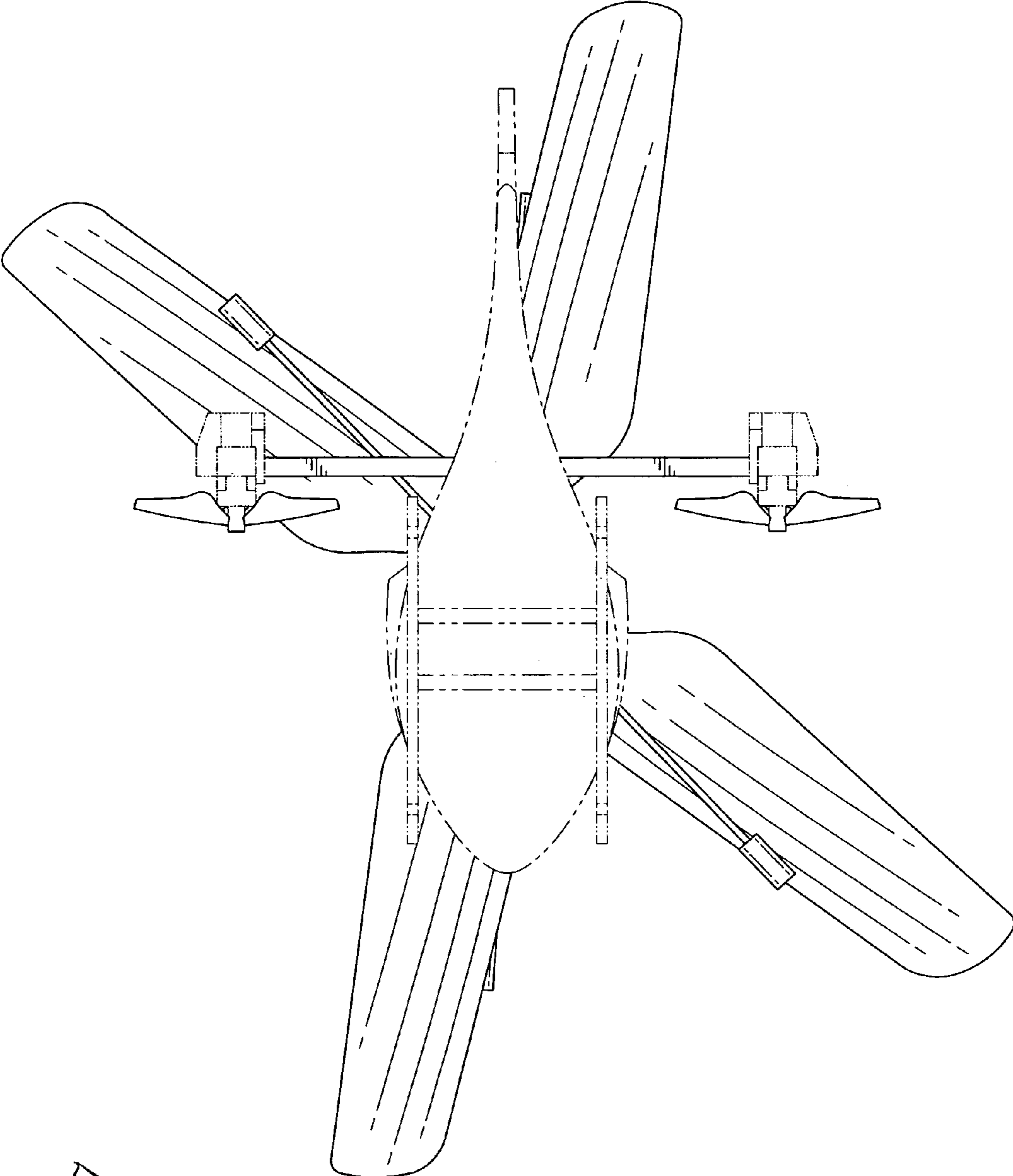


FIG. 7