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

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(54) **CEILING FAN**

(71) Applicant: **Sunonwealth Electric Machine Industry Co., Ltd.**, Kaohsiung (TW)

(72) Inventors: **Alex Hornig**, Kaohsiung (TW); **Bo-Wei Chiou**, Kaohsiung (TW); **Yen-Wei Chang**, Kaohsiung (TW)

(73) Assignee: **Sunonwealth Electric Machine Industry Co., Ltd.**, Kaohsiung (TW)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/377**

(58) **Field of Classification Search**  
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CPC ..... F04D 25/08; F04D 29/388; F04D 29/34;  
F04D 25/088; H02K 1/187  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D535,011 S \* 1/2007 Gajewski ..... D23/377  
D536,083 S \* 1/2007 Gajewski ..... D23/377

D715,419 S \* 10/2014 Schulzman ..... D23/377  
D715,421 S \* 10/2014 Schulzman ..... D23/413  
D721,429 S \* 1/2015 Busta ..... D23/377  
D721,800 S \* 1/2015 Busta ..... D23/413  
D750,213 S \* 2/2016 Schulzman ..... D23/385  
D770,027 S \* 10/2016 Noble ..... D23/385  
D800,291 S \* 10/2017 Wang ..... D23/377  
D807,490 S \* 1/2018 Ruan ..... D23/377  
D807,492 S \* 1/2018 Hidalgo ..... D23/377  
D807,493 S \* 1/2018 Hidalgo ..... D23/377  
2007/0104583 A1\* 5/2007 Gajewski ..... F04D 25/088  
416/210 R

\* cited by examiner

*Primary Examiner* — Janice Hallmark

(74) *Attorney, Agent, or Firm* — Alan D. Kamrath;  
Kamrath IP Lawfirm, P.A.

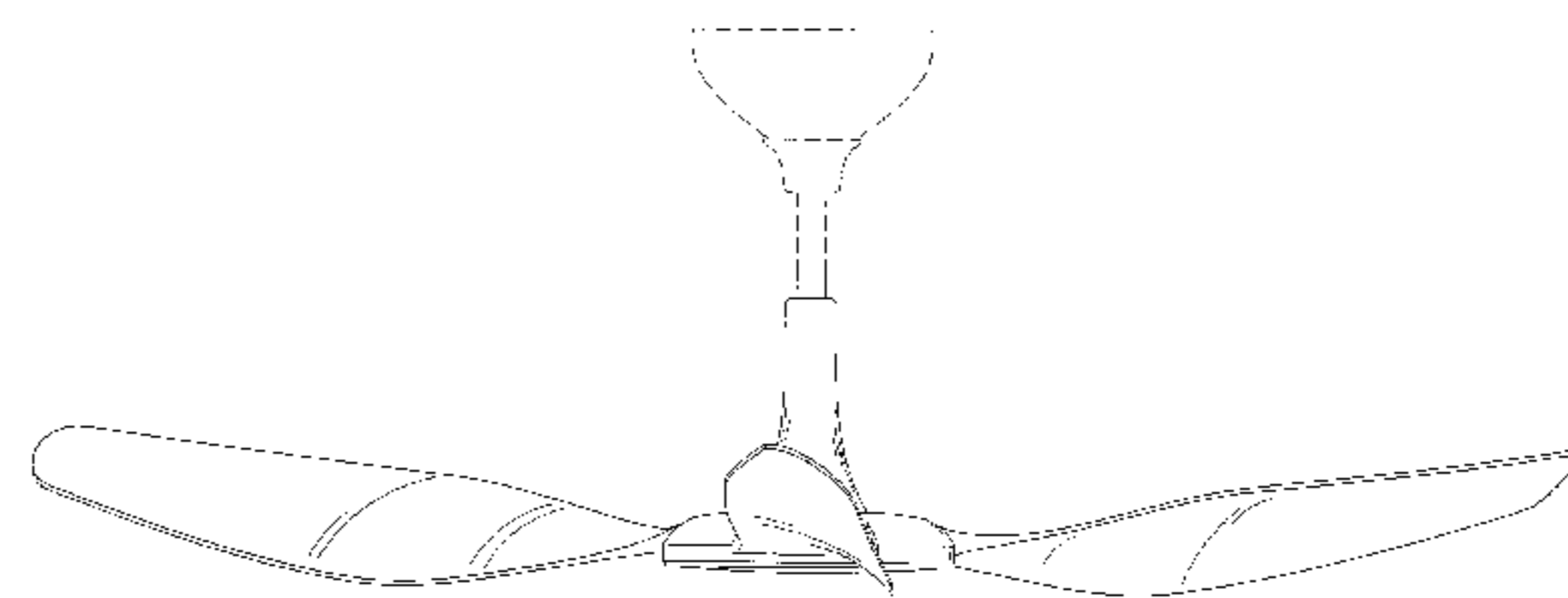
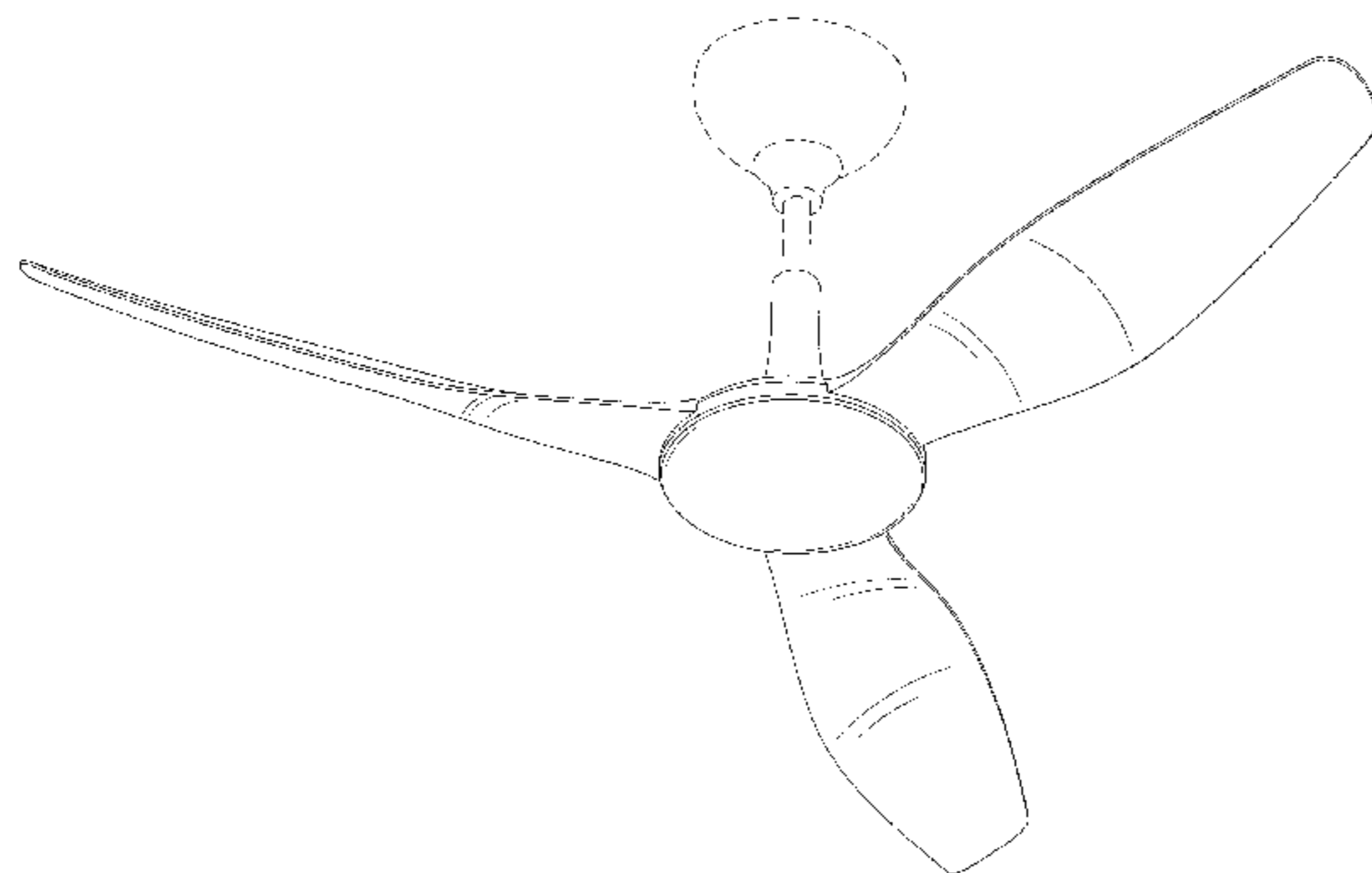
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view a ceiling fan showing our 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 another perspective view thereof.  
The broken lines in the drawings that illustrate a portion of the ceiling fan form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



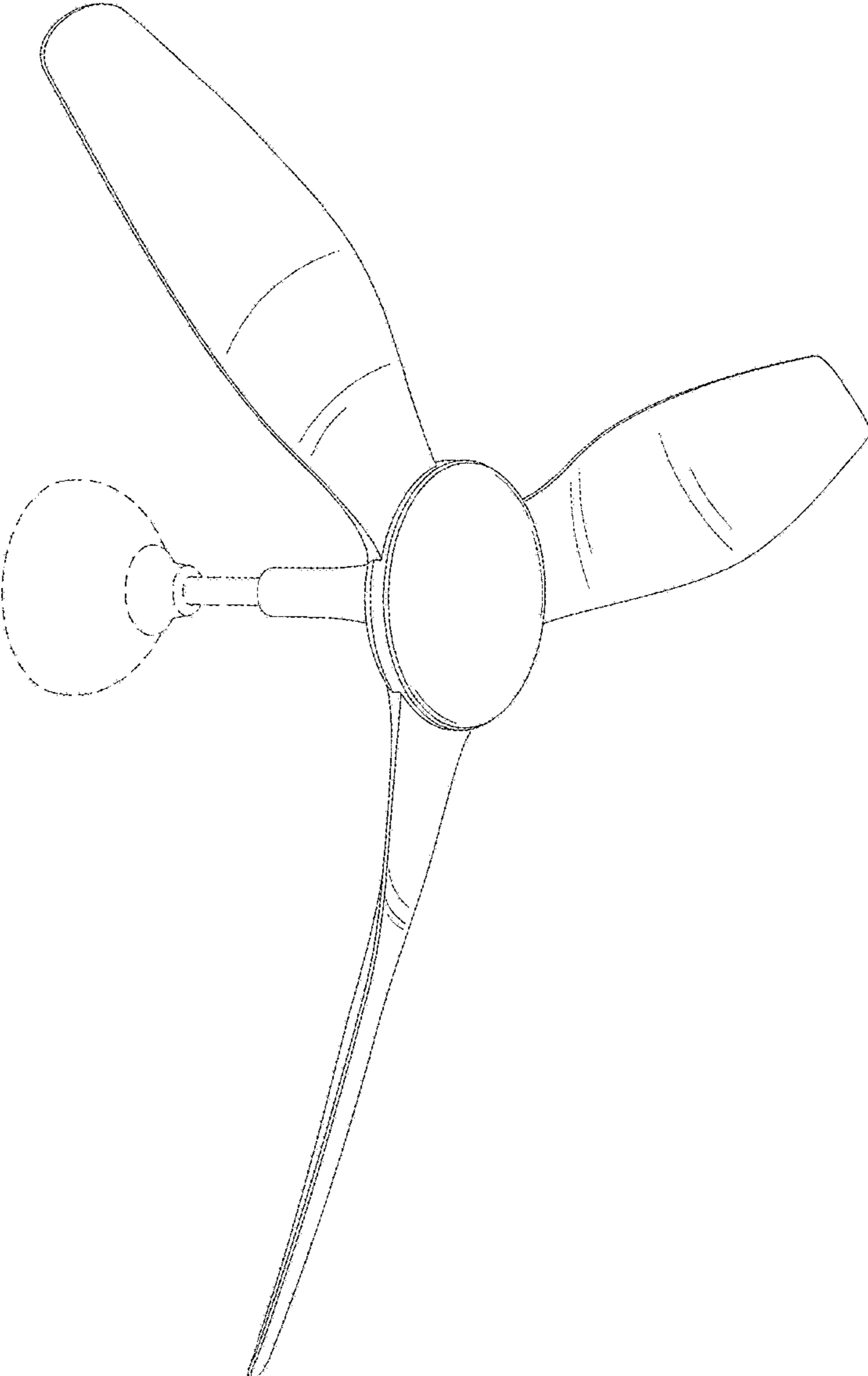


FIG. 1

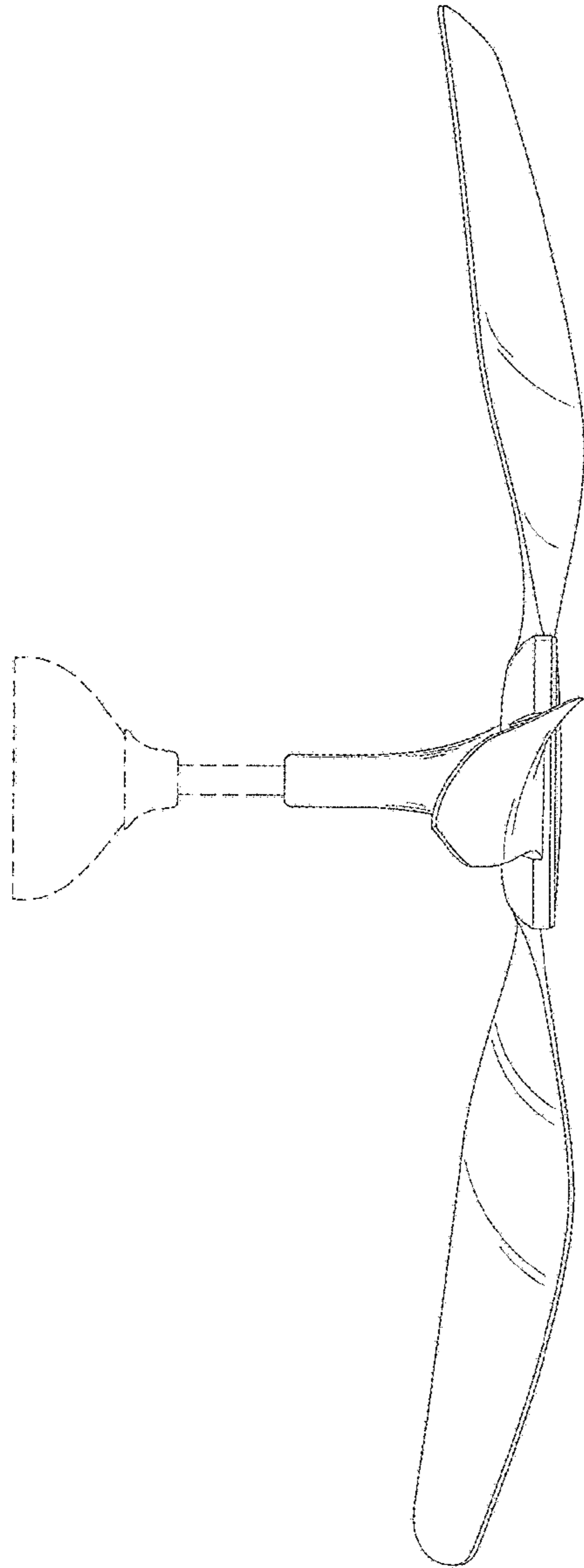


FIG. 2

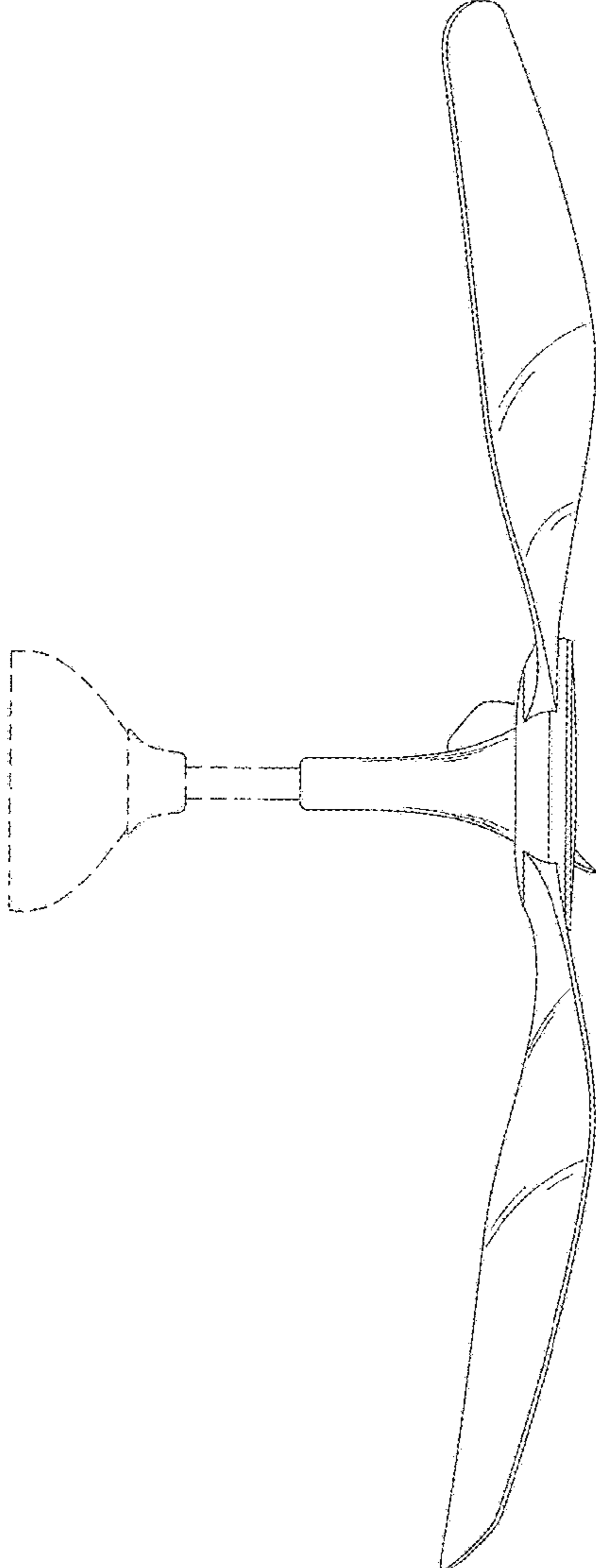


FIG. 3

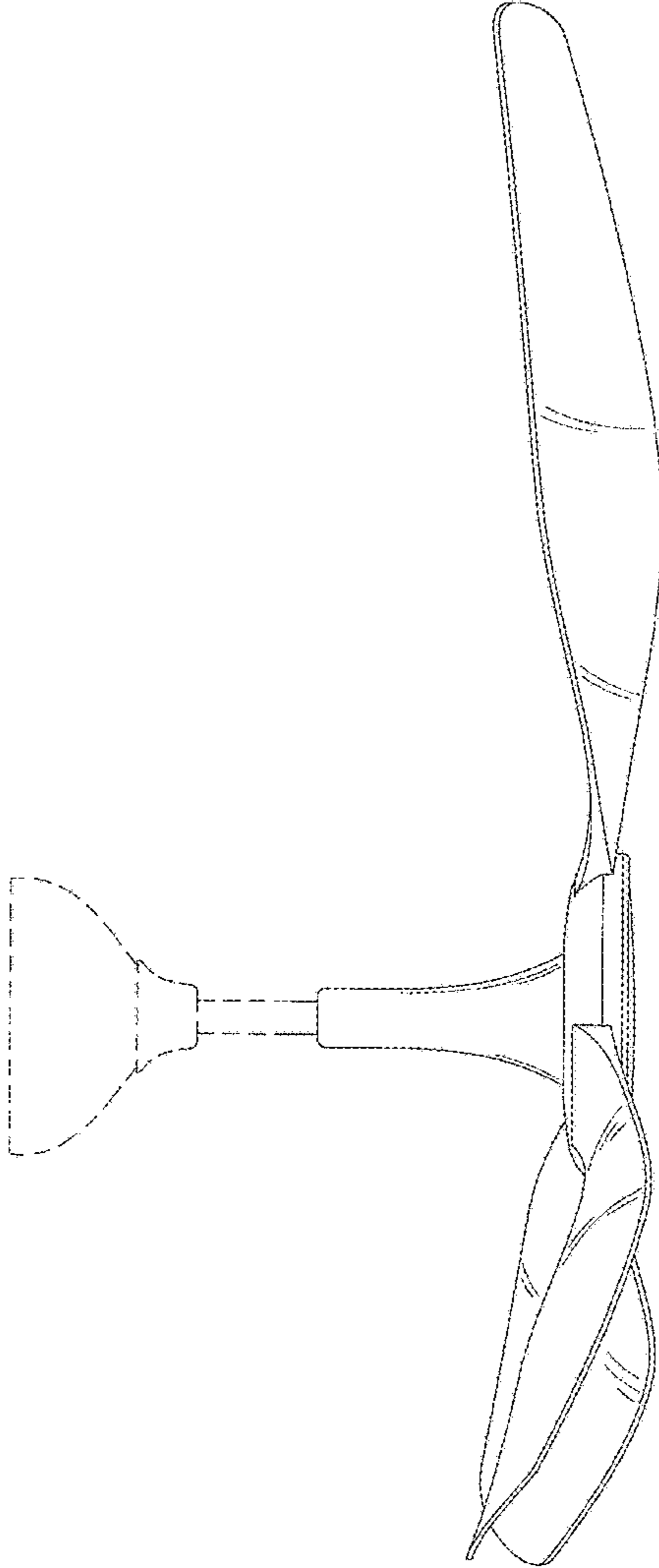


FIG. 4

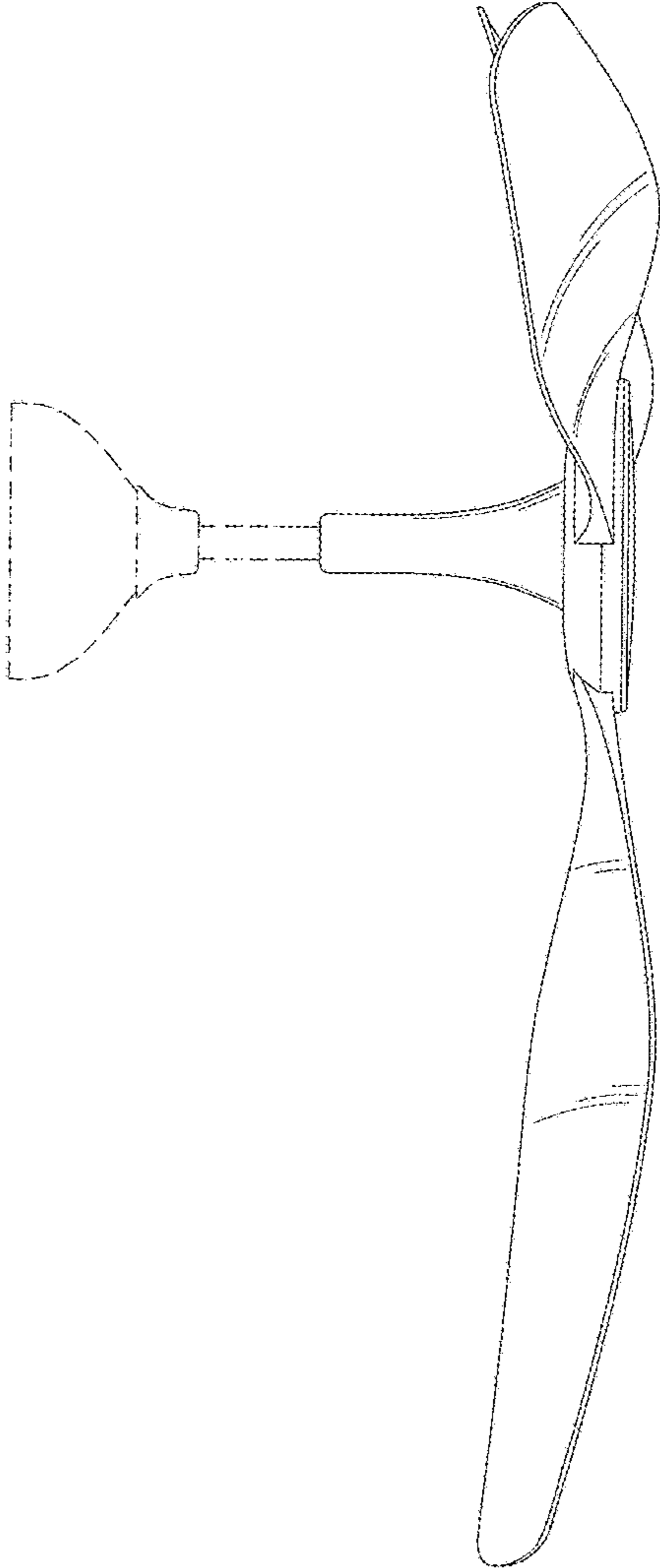


FIG. 5

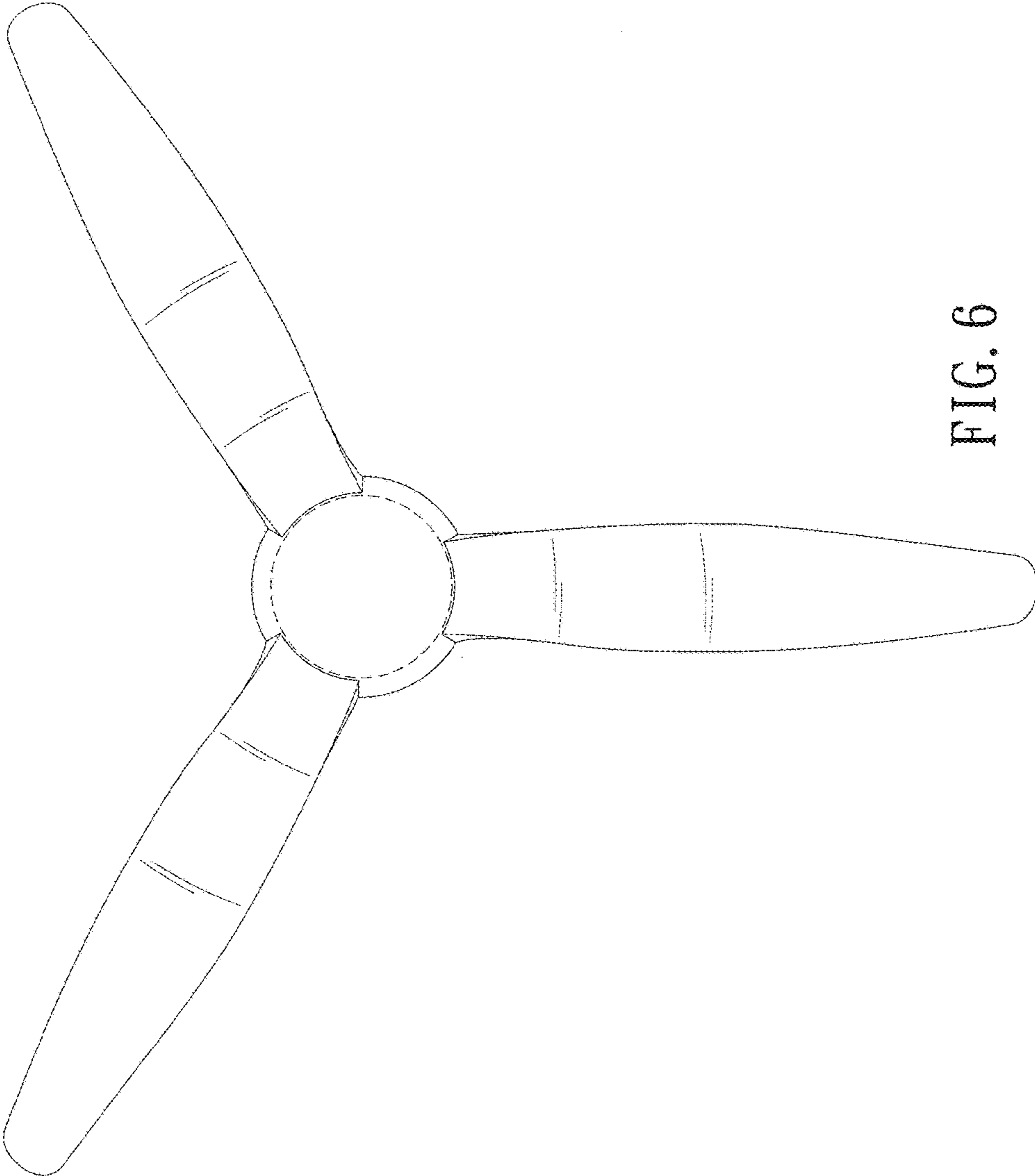


FIG. 6

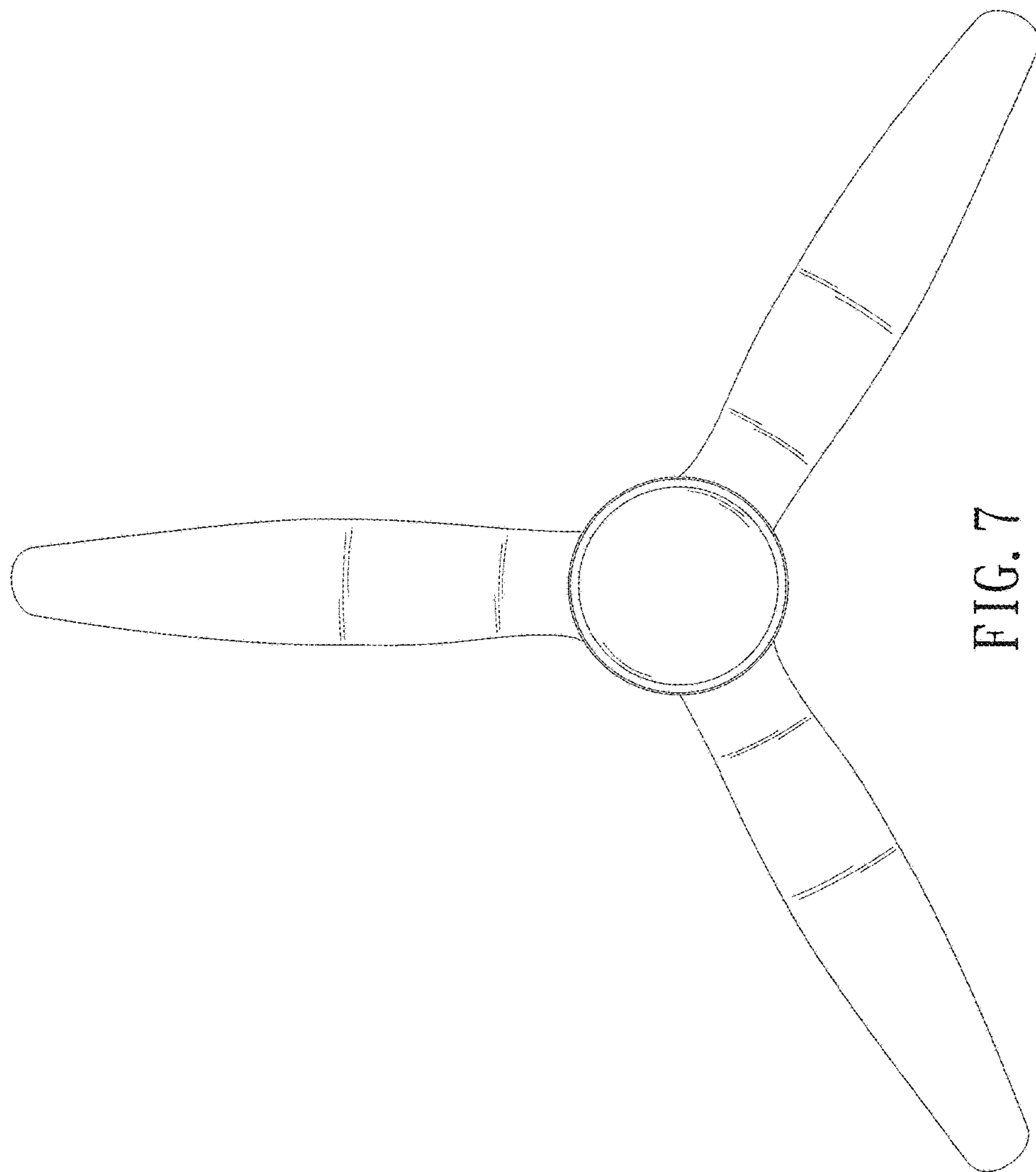


FIG. 7



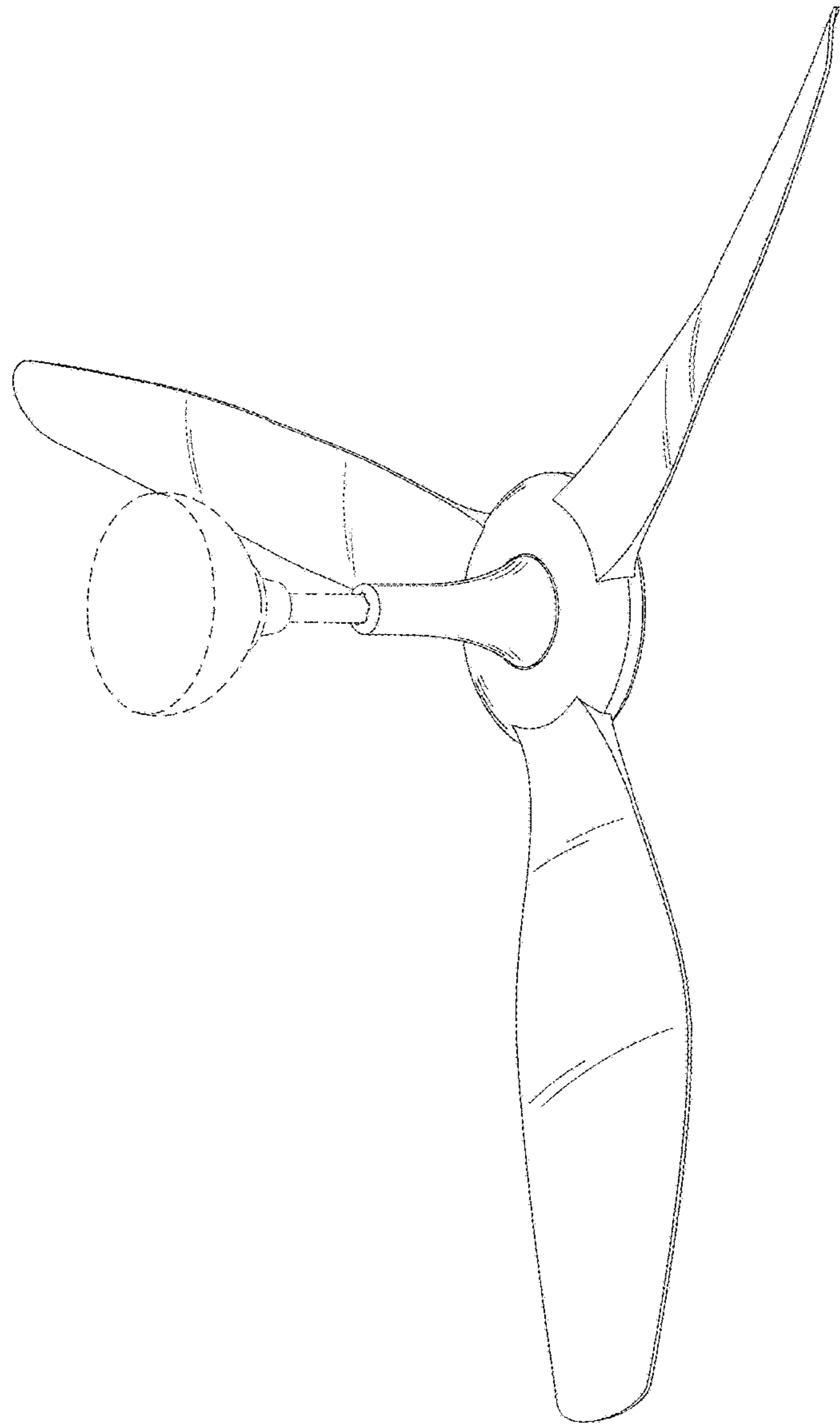


FIG. 8