



US00D972113S

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

(10) **Patent No.:** **US D972,113 S**

(45) **Date of Patent:** **\*\* Dec. 6, 2022**

- (54) **CEILING FAN**
- (71) Applicant: **Beacon Lighting International Limited, Central (HK)**
- (72) Inventor: **Glen Robinson, Central (HK)**
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/758,903**
- (22) Filed: **Nov. 19, 2020**
- (51) **LOC (13) Cl.** ..... **23-04**
- (52) **U.S. Cl.**  
USPC ..... **D23/377**
- (58) **Field of Classification Search**  
USPC ..... D23/370, 377, 379, 385, 411-414;  
D26/59, 88-89, 124  
CPC ..... F04D 25/088; F04D 29/38; F04D 29/384;  
F04D 29/386; F21V 33/0096  
See application file for complete search history.

- D523,954 S \* 6/2006 Frampton ..... D23/413
- D523,955 S \* 6/2006 Badarello ..... D23/413
- D525,694 S \* 7/2006 Young ..... D23/379
- 7,080,813 B1 \* 7/2006 Frampton ..... F04D 29/601  
248/342
- D541,466 S \* 4/2007 Bucher ..... D26/113
- D554,252 S \* 10/2007 Bucher ..... D23/413
- D565,173 S \* 3/2008 Bucher ..... D23/413
- 7,396,212 B1 \* 7/2008 Parker ..... F04D 25/088  
416/223 R
- D575,864 S \* 8/2008 Parker ..... D23/413
- D597,650 S \* 8/2009 Orozco ..... D23/377
- D609,329 S \* 2/2010 Parker ..... D23/411
- D627,457 S \* 11/2010 Klausning ..... D23/413
- D633,193 S \* 2/2011 Frampton ..... D23/413
- D633,194 S \* 2/2011 Frampton ..... D23/413
- D645,556 S \* 9/2011 Orozco ..... D23/413
- D672,026 S \* 12/2012 Glasbrenner ..... D23/379
- D707,340 S \* 6/2014 Pan ..... D23/385

(Continued)

*Primary Examiner* — Sharon S Oum

(74) *Attorney, Agent, or Firm* — Rumit Ranjit Kanakia

(57) **CLAIM**

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

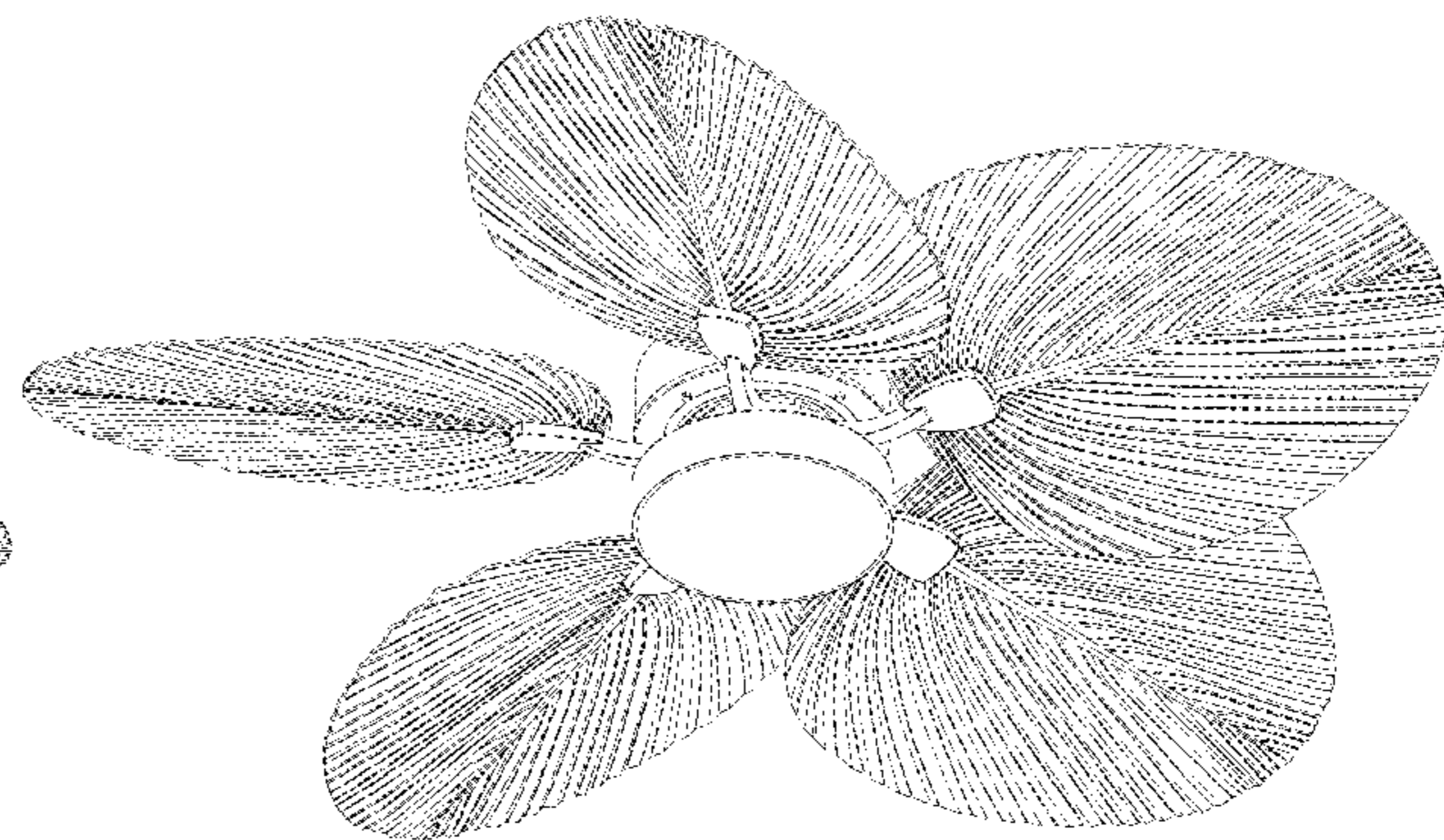
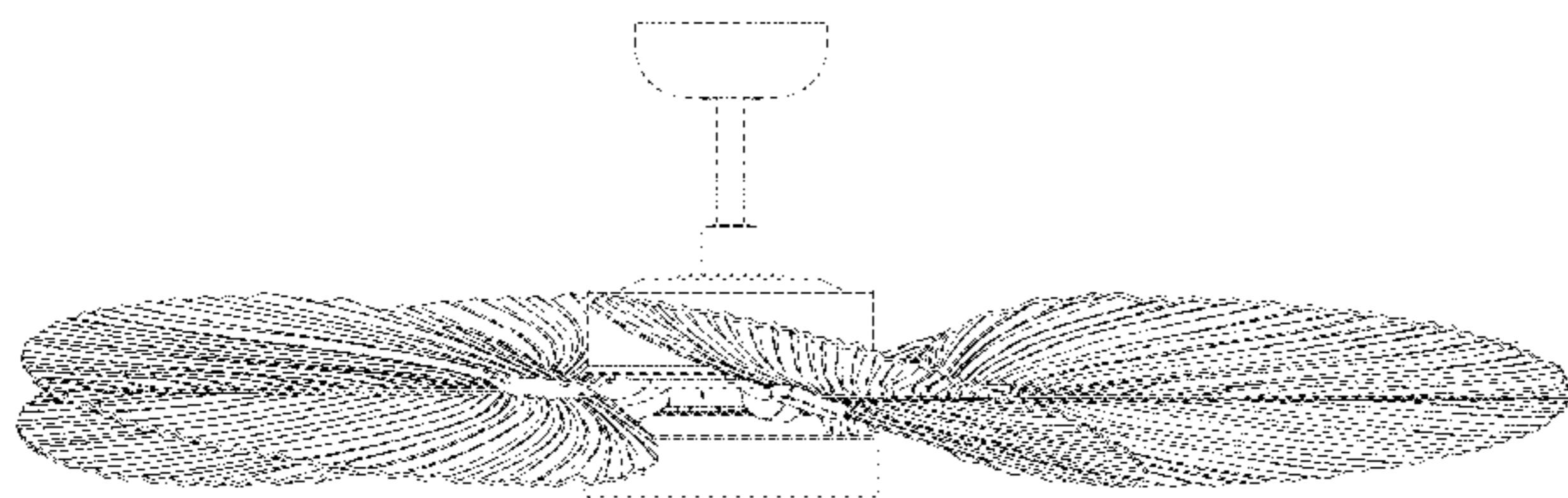
**DESCRIPTION**

FIG. 1 is a front view of a ceiling fan showing my new design;  
 FIG. 2 is a rear view thereof;  
 FIG. 3 is a left side view thereof;  
 FIG. 4 is a right side view thereof;  
 FIG. 5 is a top plan view thereof;  
 FIG. 6 is a bottom plan view thereof;  
 FIG. 7 is a perspective view from bottom side thereof; and,  
 FIG. 8 is a perspective view from top side thereof.  
 The broken lines in the drawings depict portions of the ceiling fan that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

(56) **References Cited**  
 U.S. PATENT DOCUMENTS

- D460,817 S \* 7/2002 Frampton ..... D23/413
- D475,450 S \* 6/2003 Schwartz ..... D23/413
- D483,858 S \* 12/2003 Lin ..... D23/413
- D484,969 S \* 1/2004 Tai ..... D23/413
- D485,345 S \* 1/2004 Bucher ..... D23/377
- D488,219 S \* 4/2004 Frampton ..... D23/413
- D488,221 S \* 4/2004 Frampton ..... D23/413
- D505,198 S \* 5/2005 Liu ..... D23/413
- D506,826 S \* 6/2005 Frampton ..... D23/413
- D510,992 S \* 10/2005 Bucher ..... D23/377
- D516,204 S \* 2/2006 Frampton ..... D23/413
- D516,703 S \* 3/2006 Gajewski ..... D23/411
- D517,200 S \* 3/2006 Frampton ..... D23/413
- D517,201 S \* 3/2006 Gajewski ..... D23/413
- D517,685 S \* 3/2006 Frampton ..... D23/413
- D519,199 S \* 4/2006 Gajewski ..... D23/377
- D523,551 S \* 6/2006 Frampton ..... D23/413



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D729,928	S	*	5/2015	Thornton	.....	D23/413
D799,689	S	*	10/2017	Wang	.....	D23/413
D860,433	S	*	9/2019	Haggar	.....	D23/413
D883,468	S	*	5/2020	Haggar	.....	D23/413
2003/0202881	A1	*	10/2003	MacCuaig	.....	F04D 29/34 416/207

\* cited by examiner

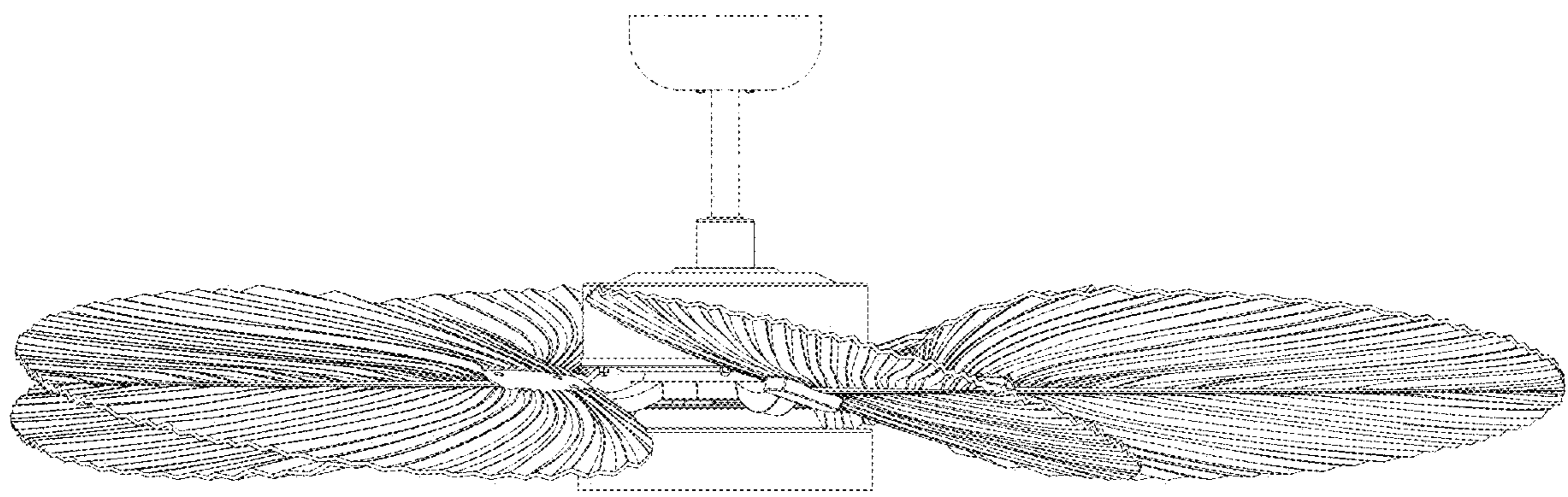


Fig. 1



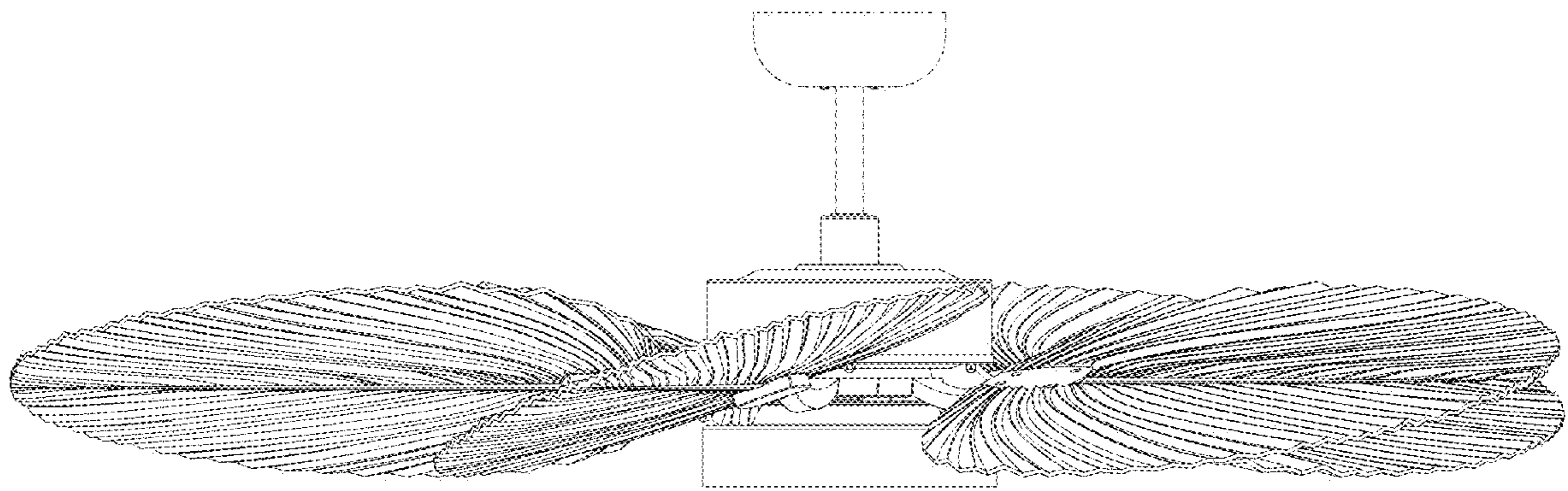


Fig. 2

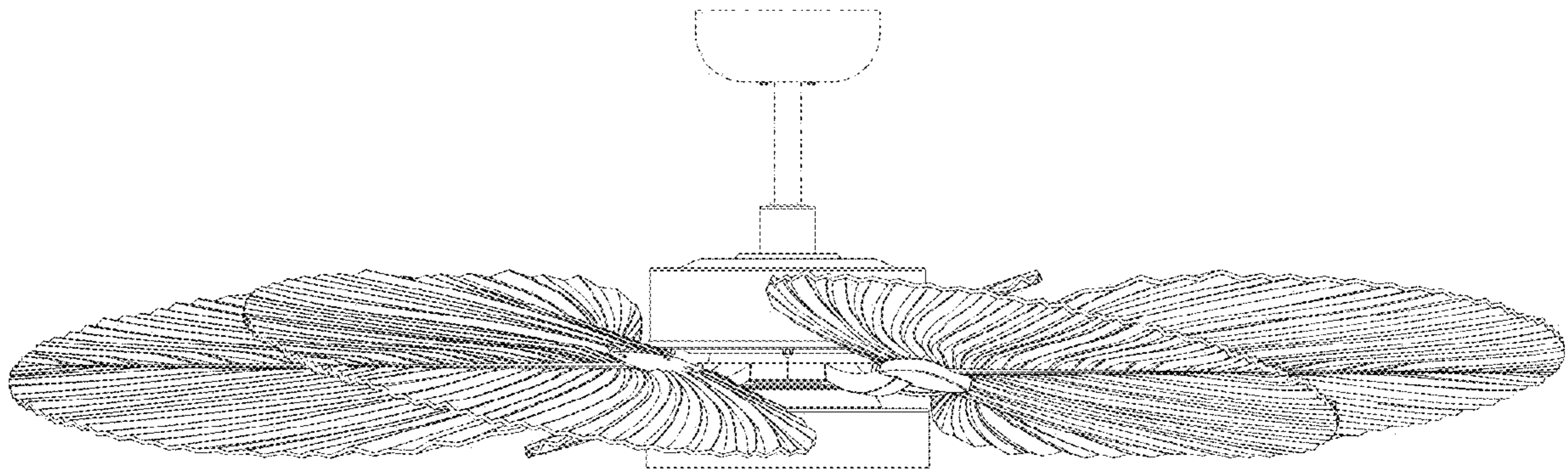


Fig. 3

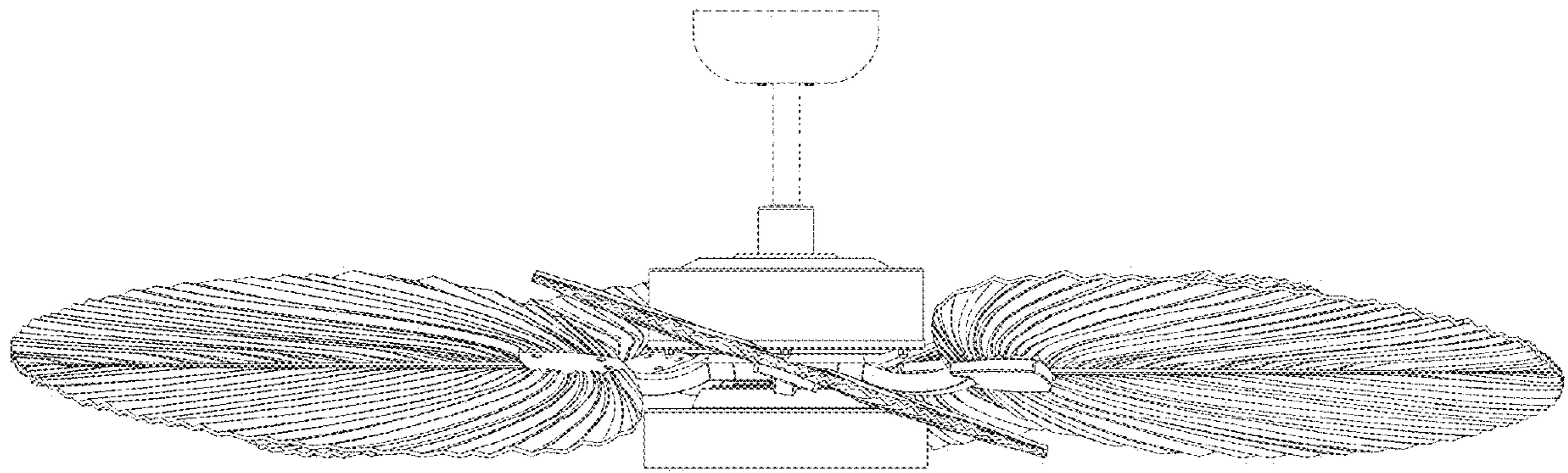


Fig. 4



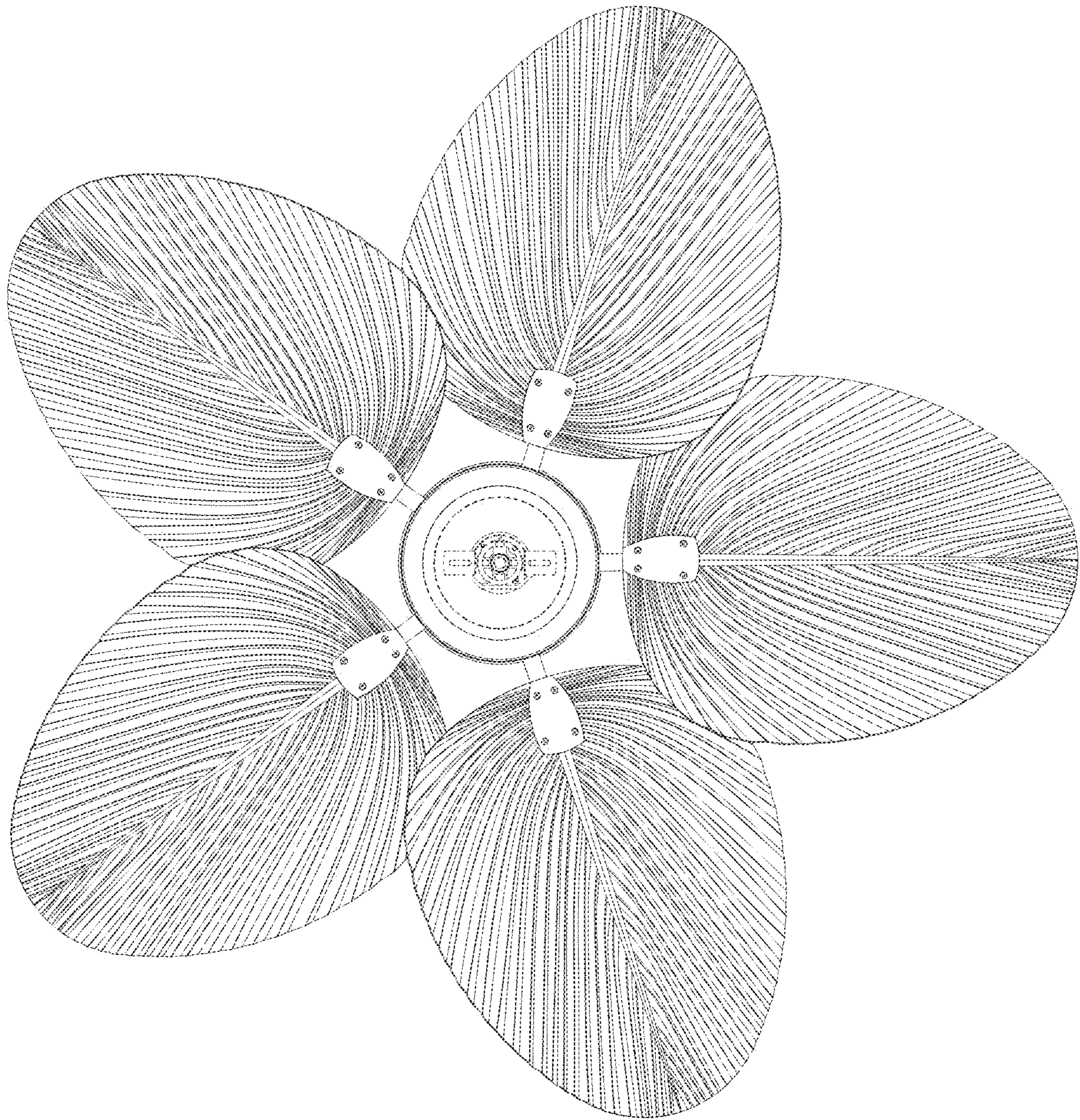


Fig. 5



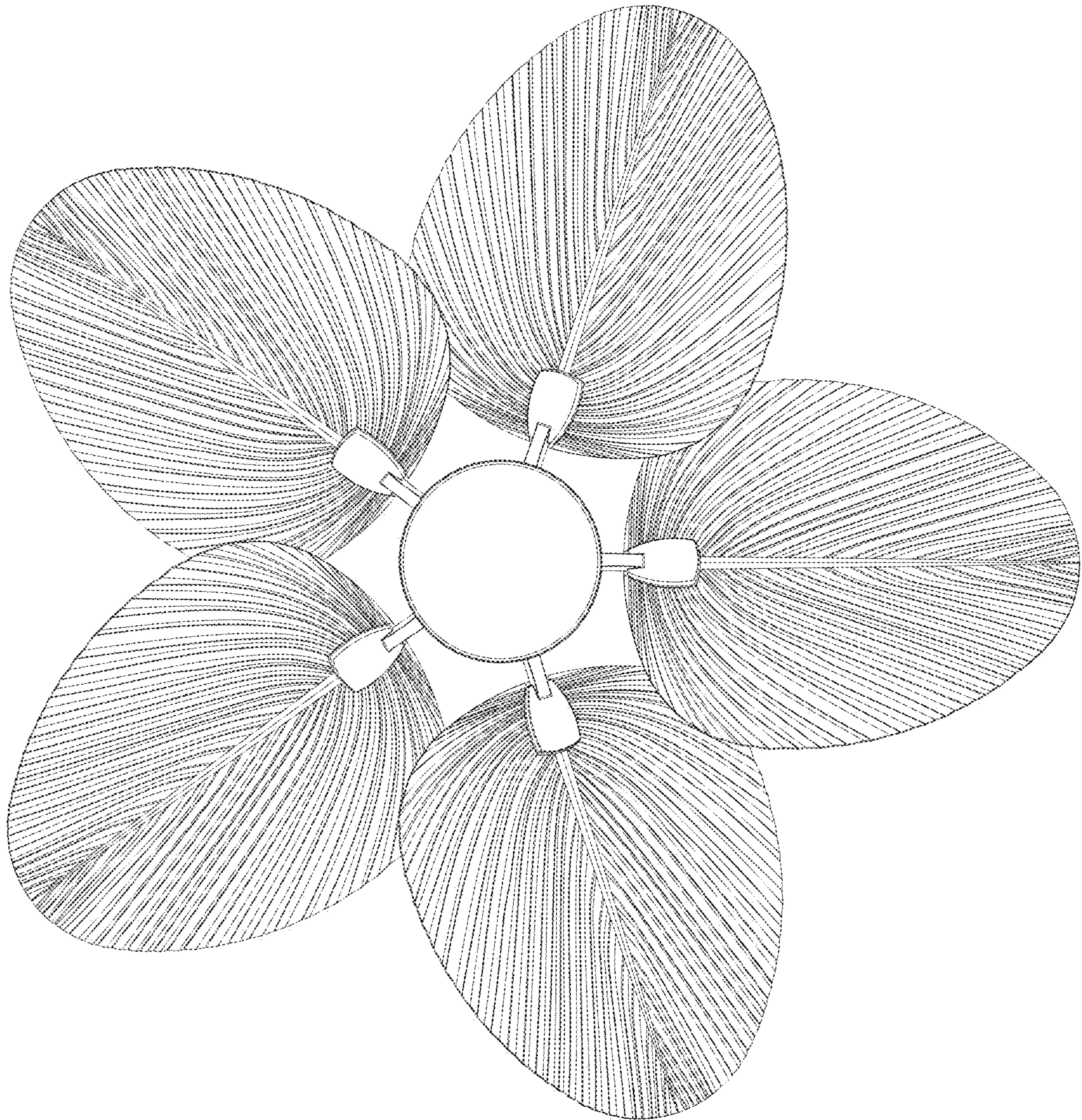


Fig. 6



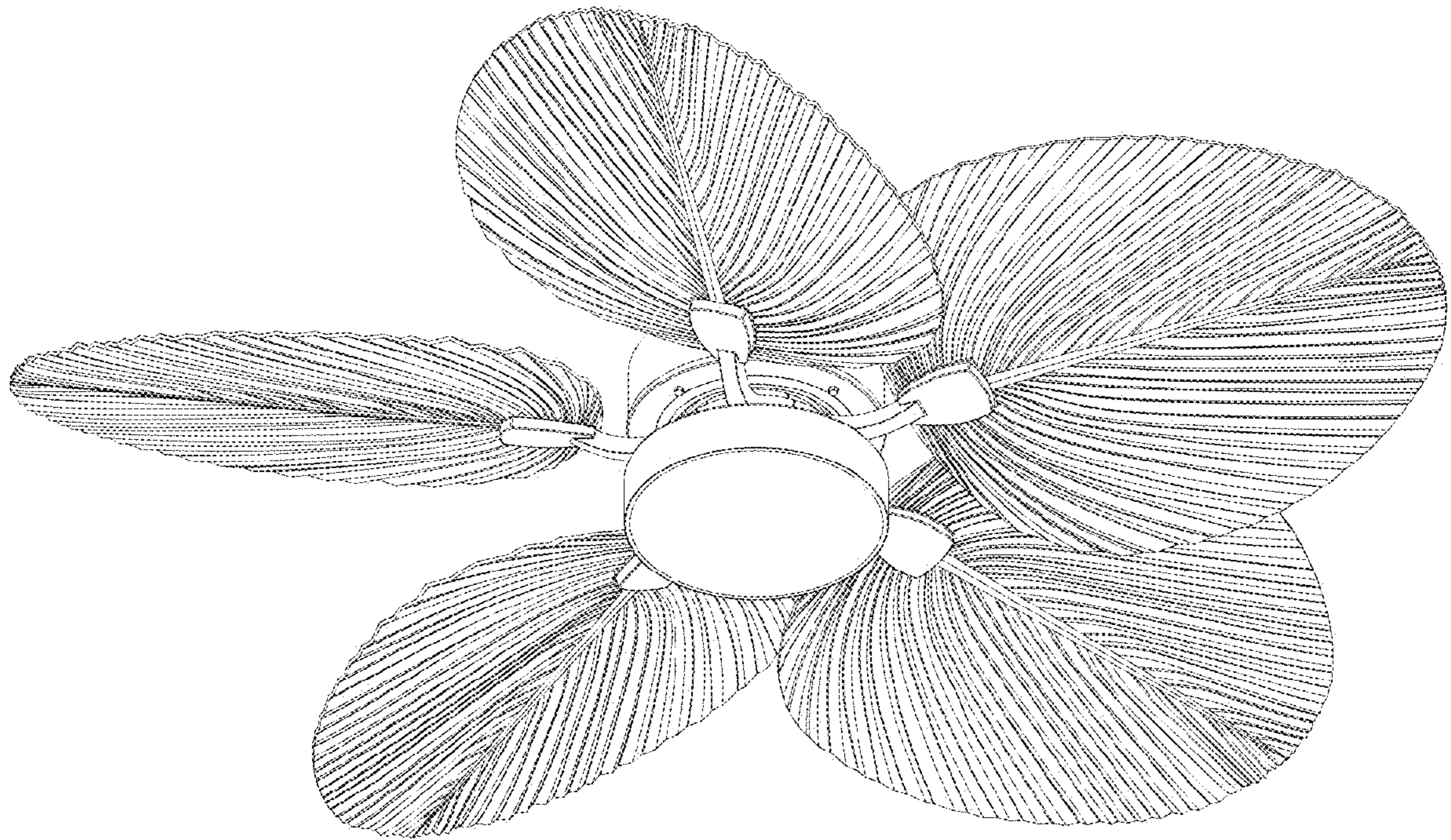


Fig. 7



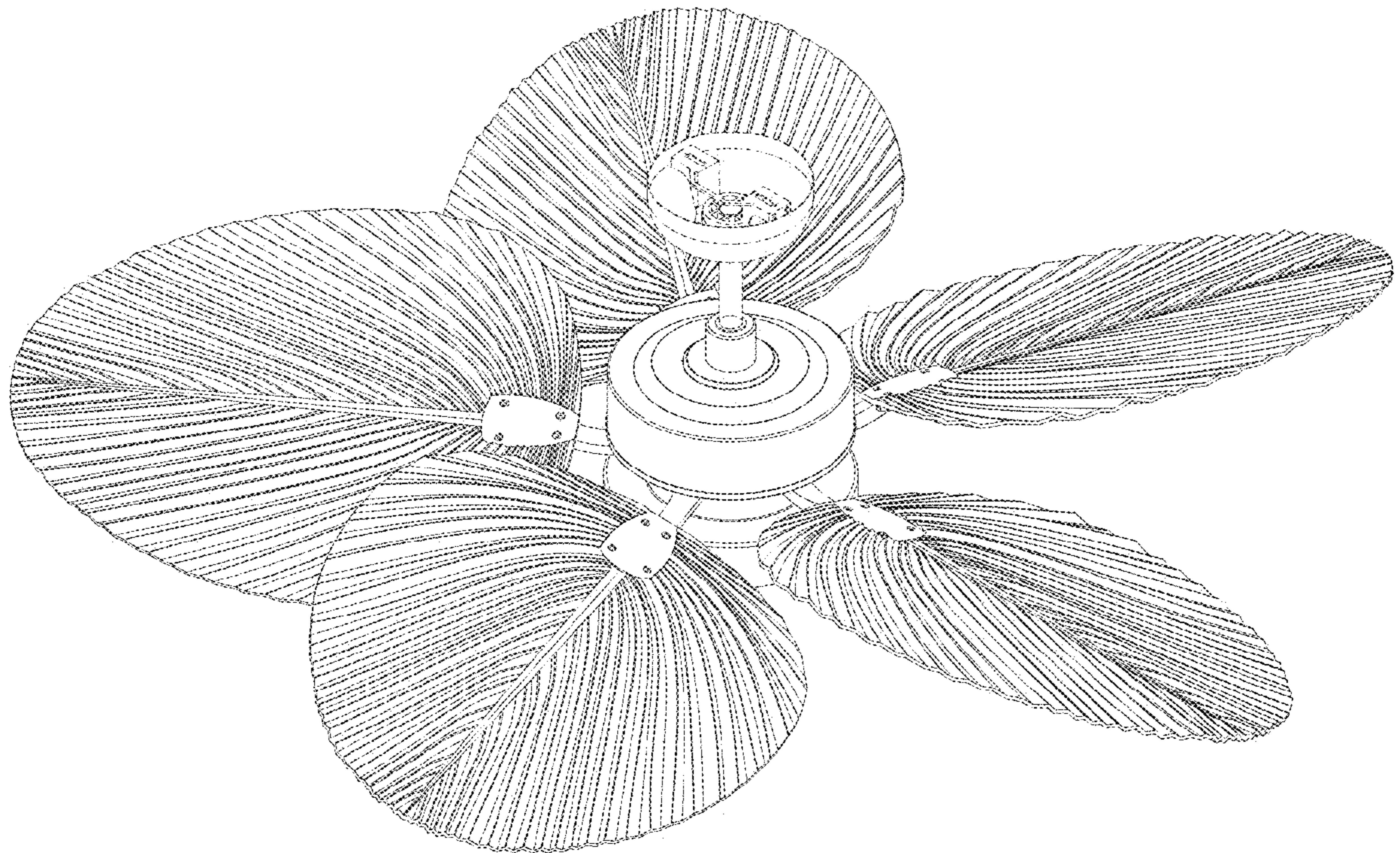


Fig. 8