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

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(54) **FAN WITH GROUND SUPPORT AND WINGLETS**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/356,980**

(22) Filed: **Mar. 5, 2010**

(51) **LOC (9) Cl.** **23-04**

(52) **U.S. Cl.** **D23/411**

(58) **Field of Classification Search** D23/377,
D23/379, 385, 411, 413; 416/5, 210 R
See application file for complete search history.

2009/0097975 A1 4/2009 Aynsley et al.
2009/0162197 A1 6/2009 Klemo et al.
2009/0208333 A1 8/2009 Smith et al.
2010/0104461 A1 4/2010 Smith et al.

FOREIGN PATENT DOCUMENTS

WO WO 2009/100052 8/2009

OTHER PUBLICATIONS

U.S. Appl. No. 29/356,978, filed Mar. 5, 2010, Fizer et al.
U.S. Appl. No. 61/165,582, filed Apr. 1, 2009, Woolcott.
U.S. Appl. No. 61/248,258, filed Oct. 2, 2009, Aynsley.
U.S. Appl. No. 61/310,512, filed Mar. 4, 2010, Toy.
U.S. Appl. No. 61/326,855, filed Apr. 22, 2010, Fizer et al.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a fan with ground support and winglets, as shown and described.

DESCRIPTION

FIG. 1 is a bottom perspective view of a fan with ground support and winglets, showing our new design;

FIG. 2 is a top perspective view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a front elevational view thereof;

FIG. 6 is a right elevational view thereof;

FIG. 7 is a back elevational view thereof; and,

FIG. 8 is a left elevational view thereof.

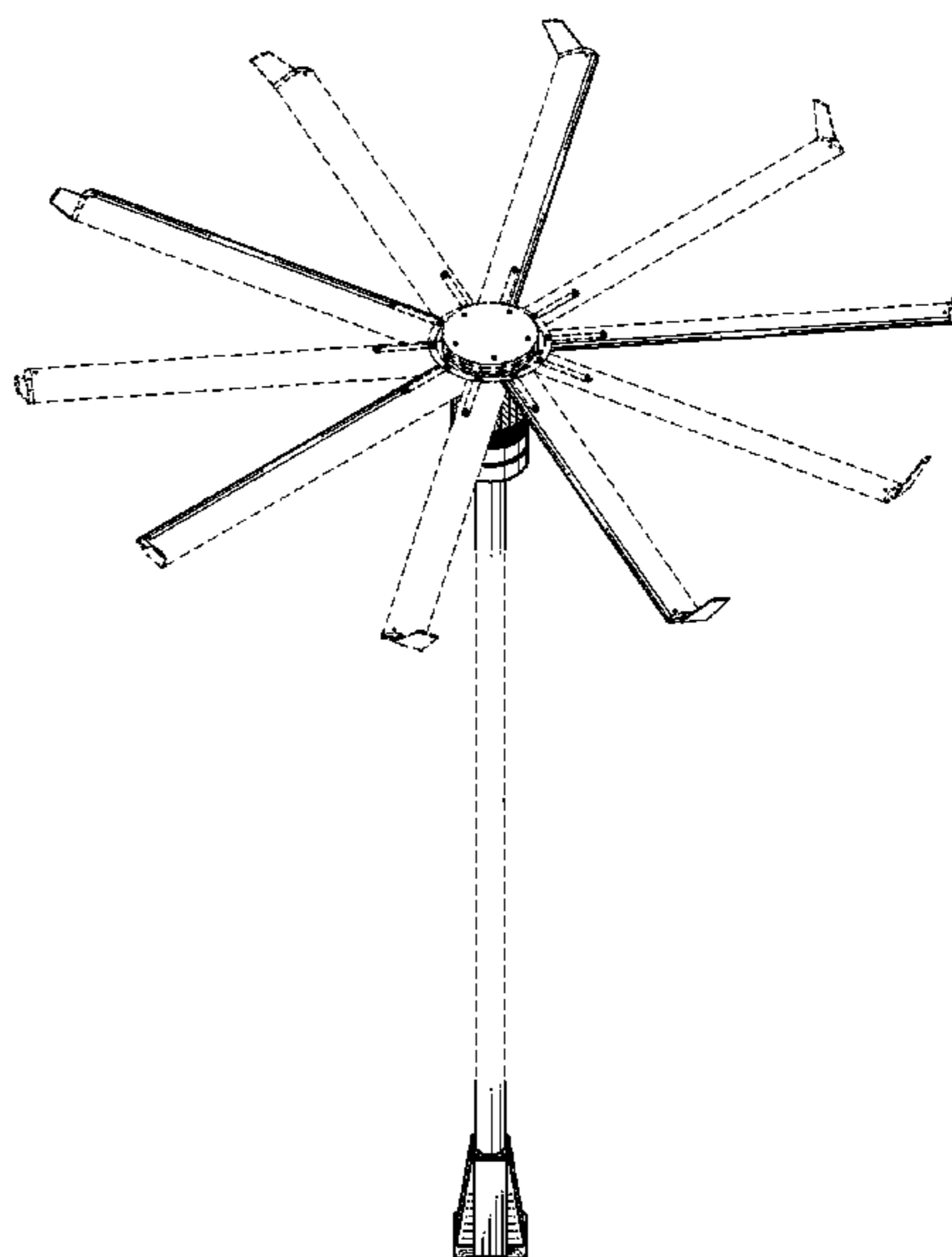
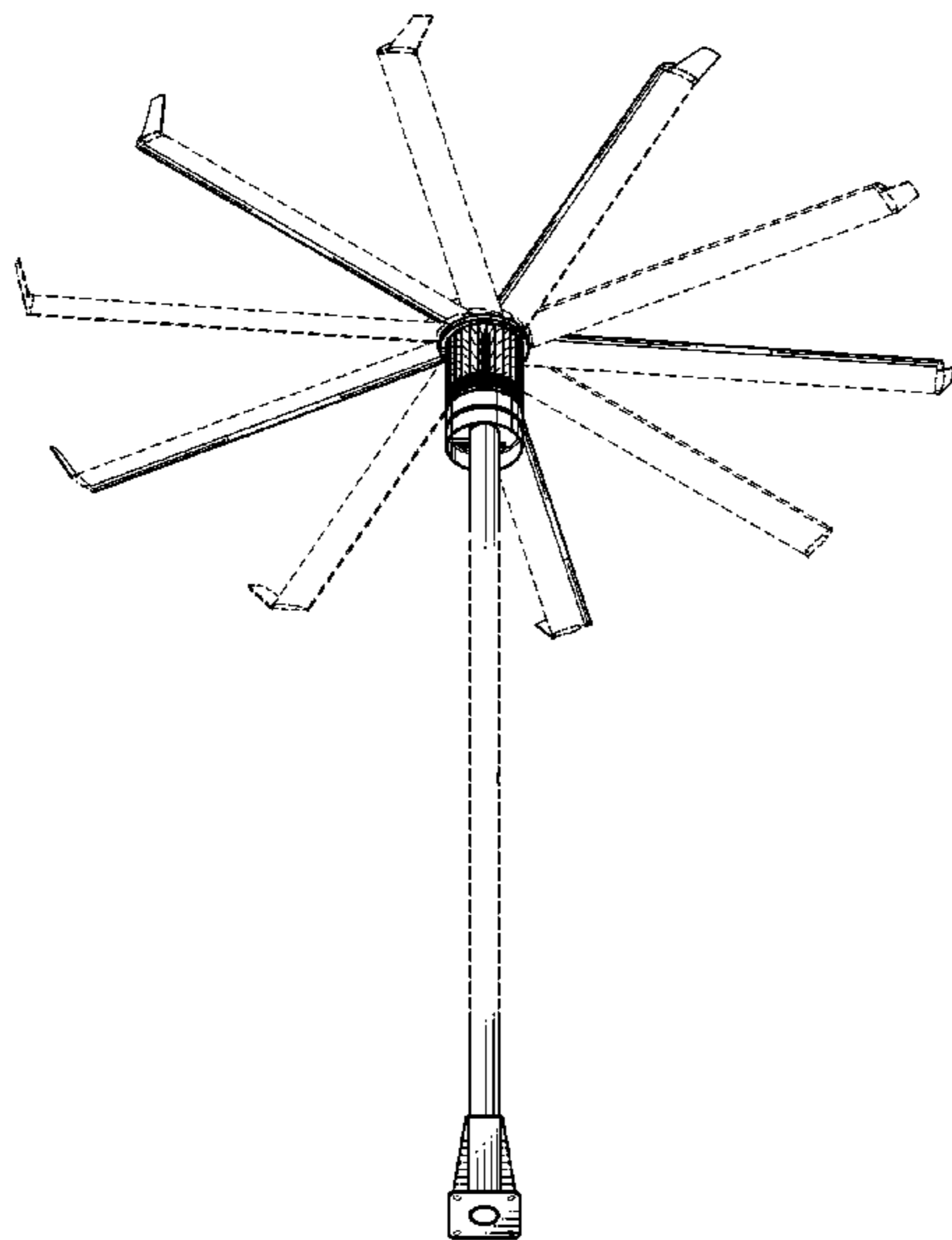
The support tube portions, fan blades, fan blade portions, winglets, winglet portions, upper plates, retainers, and fasteners shown in broken lines are unclaimed environment, and form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

D298,454 S * 11/1988 Clyde-Mason D23/385
D303,425 S * 9/1989 Sonneman D23/385
D345,790 S * 4/1994 Caldwell D23/377
6,244,821 B1 6/2001 Boyd
6,939,108 B2 9/2005 Boyd
7,252,478 B2 8/2007 Aynsley
7,284,960 B2 10/2007 Aynsley
D587,799 S 3/2009 Oleson
D607,988 S 1/2010 Oleson et al.
2008/0008596 A1 1/2008 Aynsley
2008/0014090 A1 1/2008 Aynsley et al.
2008/0213097 A1 9/2008 Oleson et al.
2009/0072108 A1 3/2009 Oleson
2009/0081045 A1 3/2009 Scherer et al.



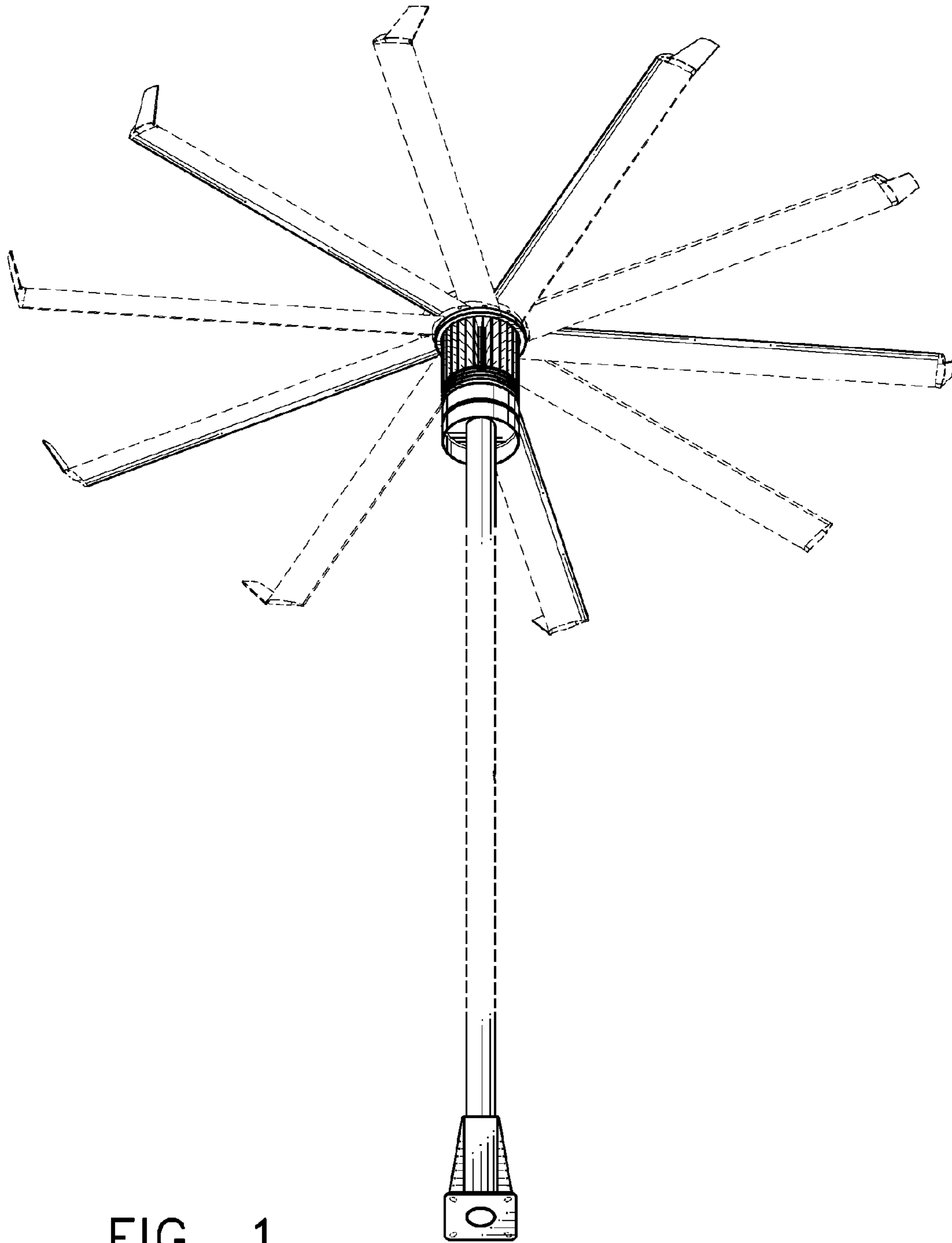


FIG. 1

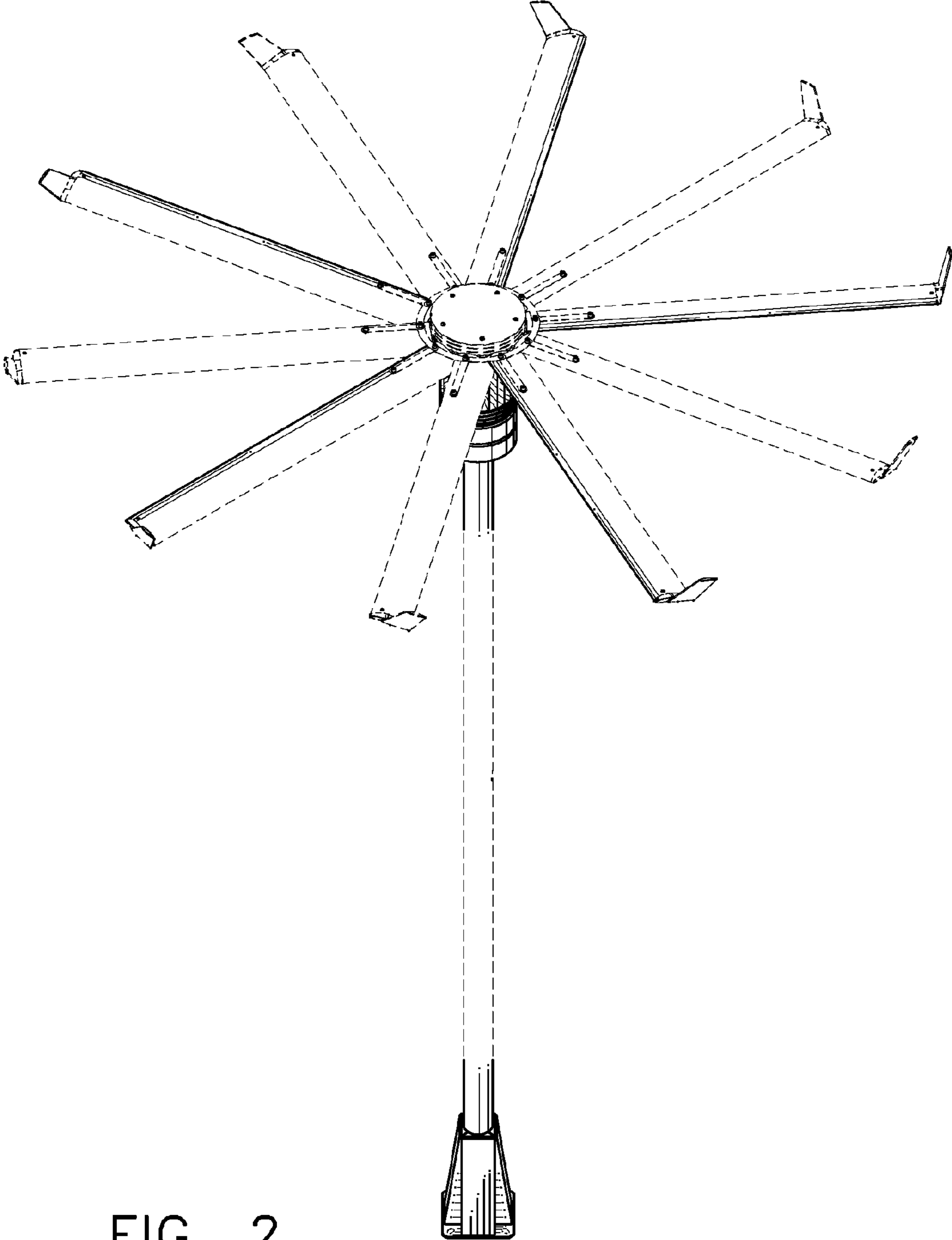


FIG. 2

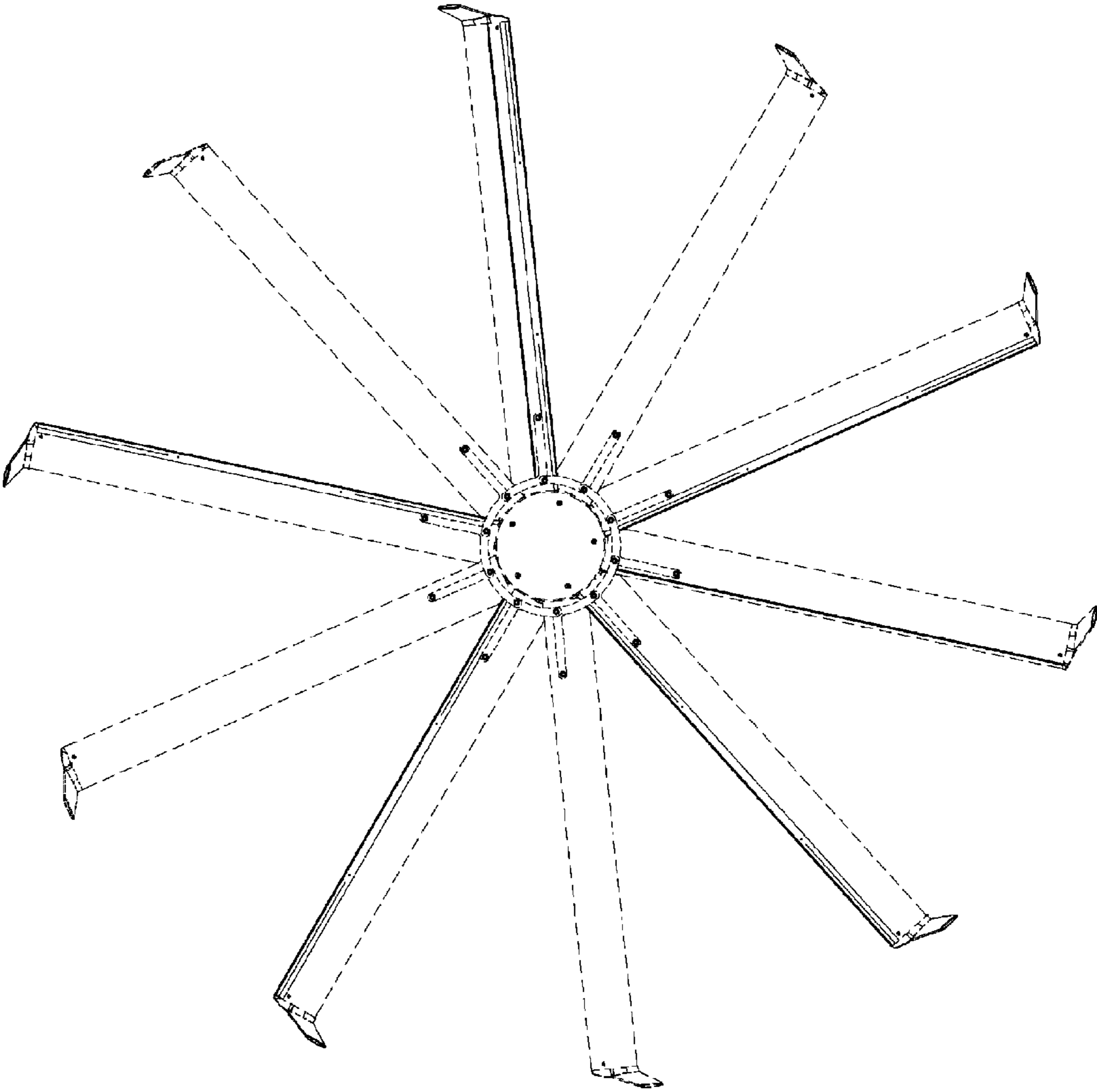


FIG. 3

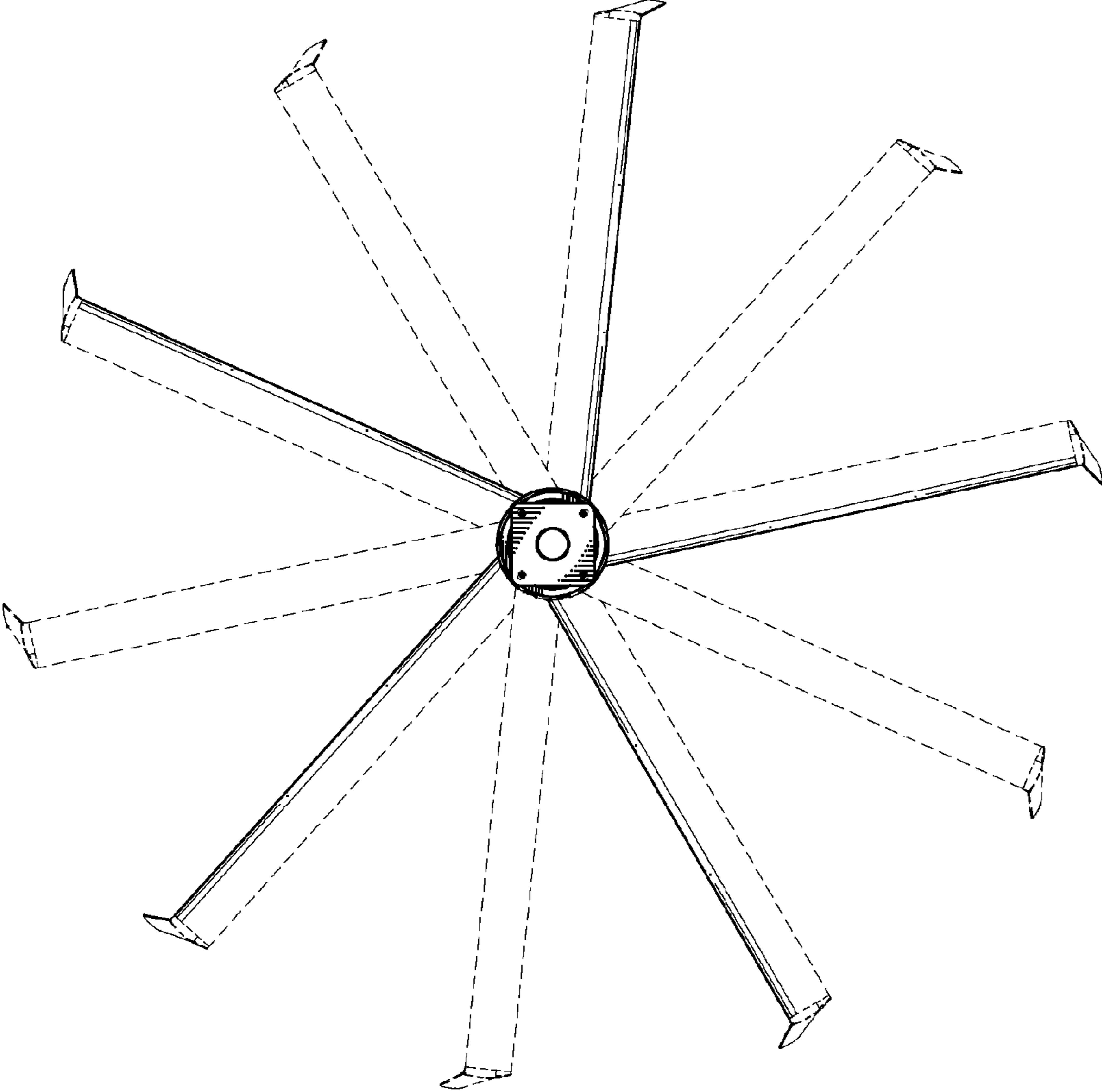


FIG. 4

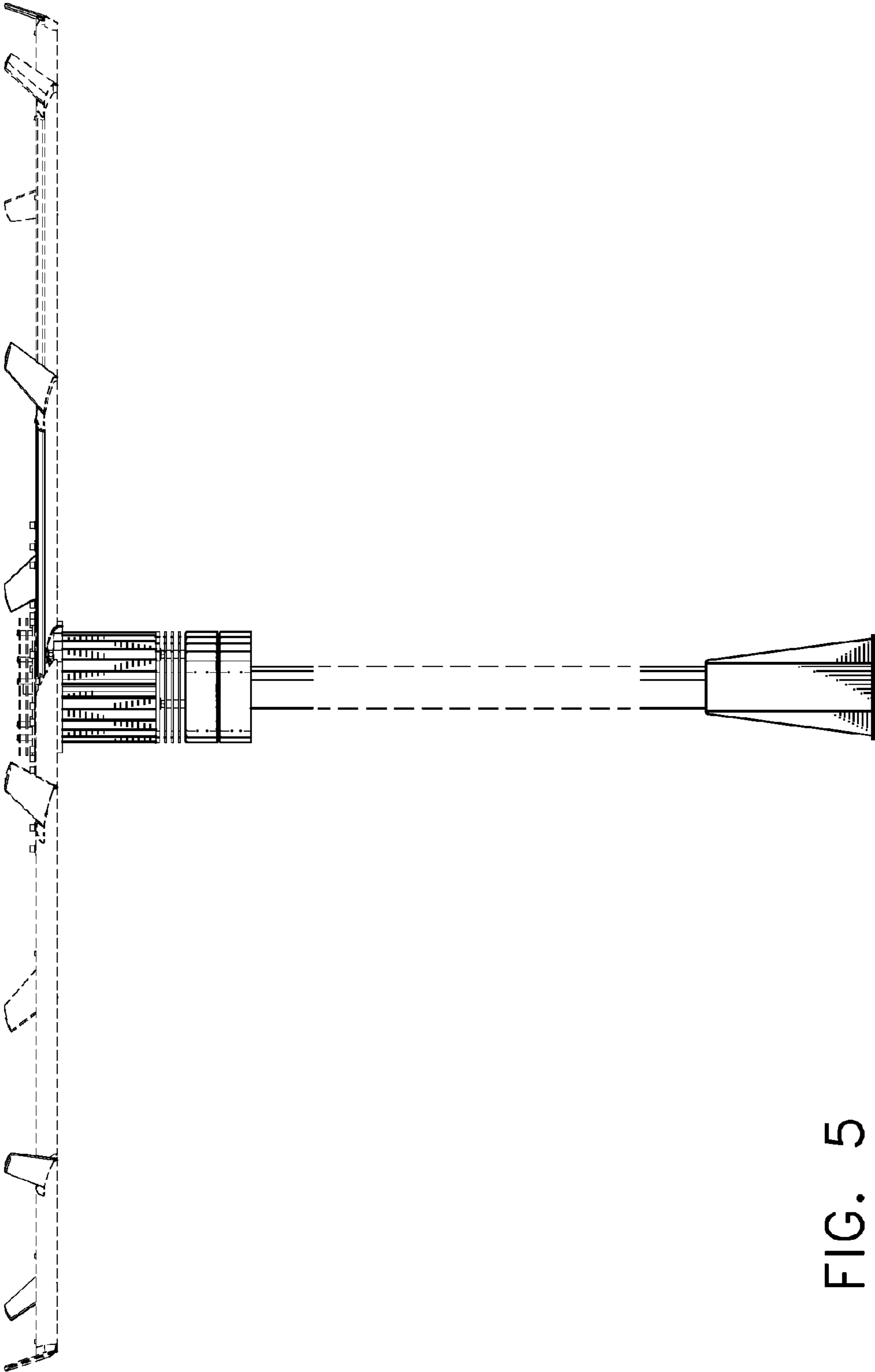


FIG. 5

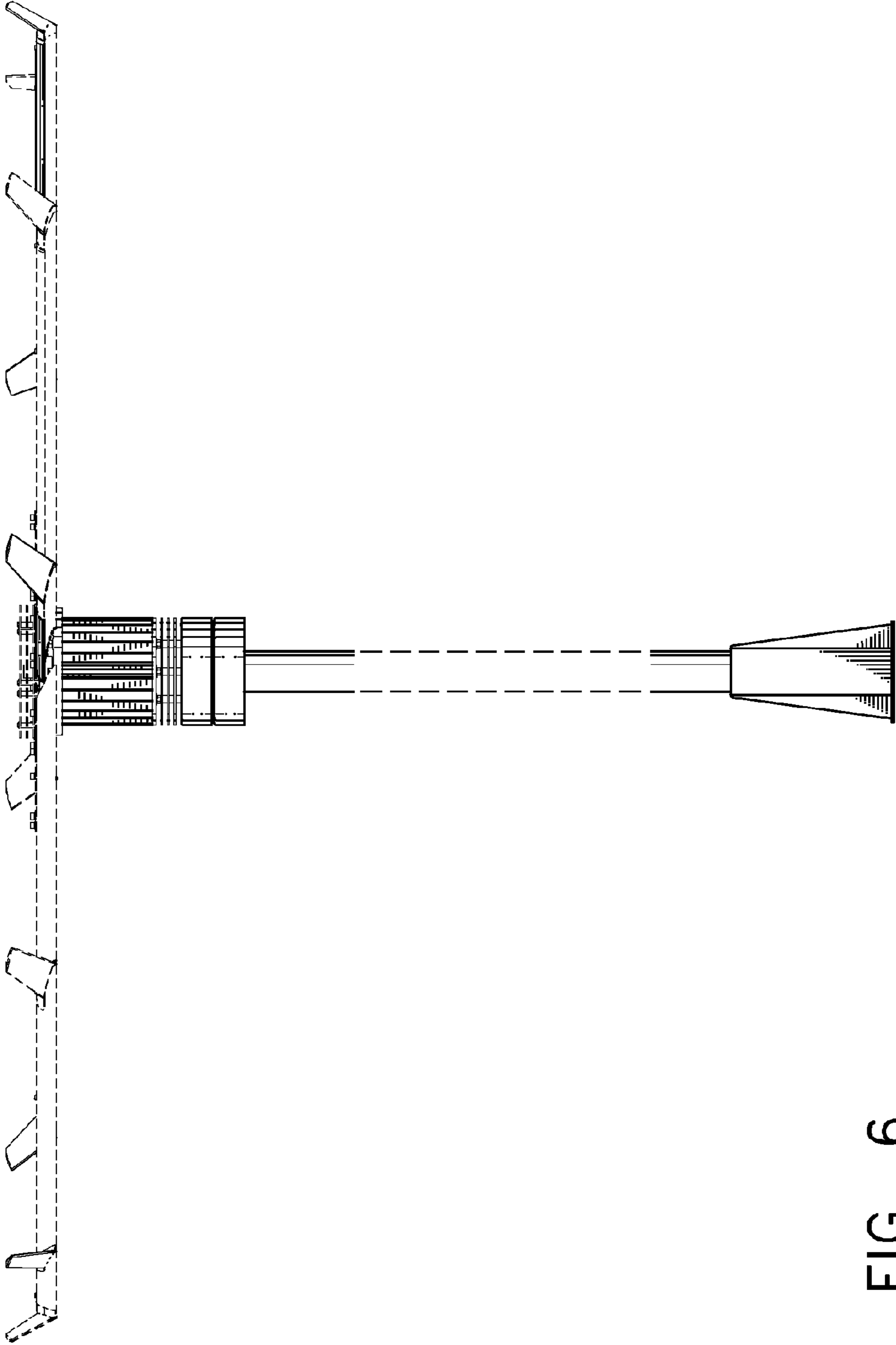


FIG. 6

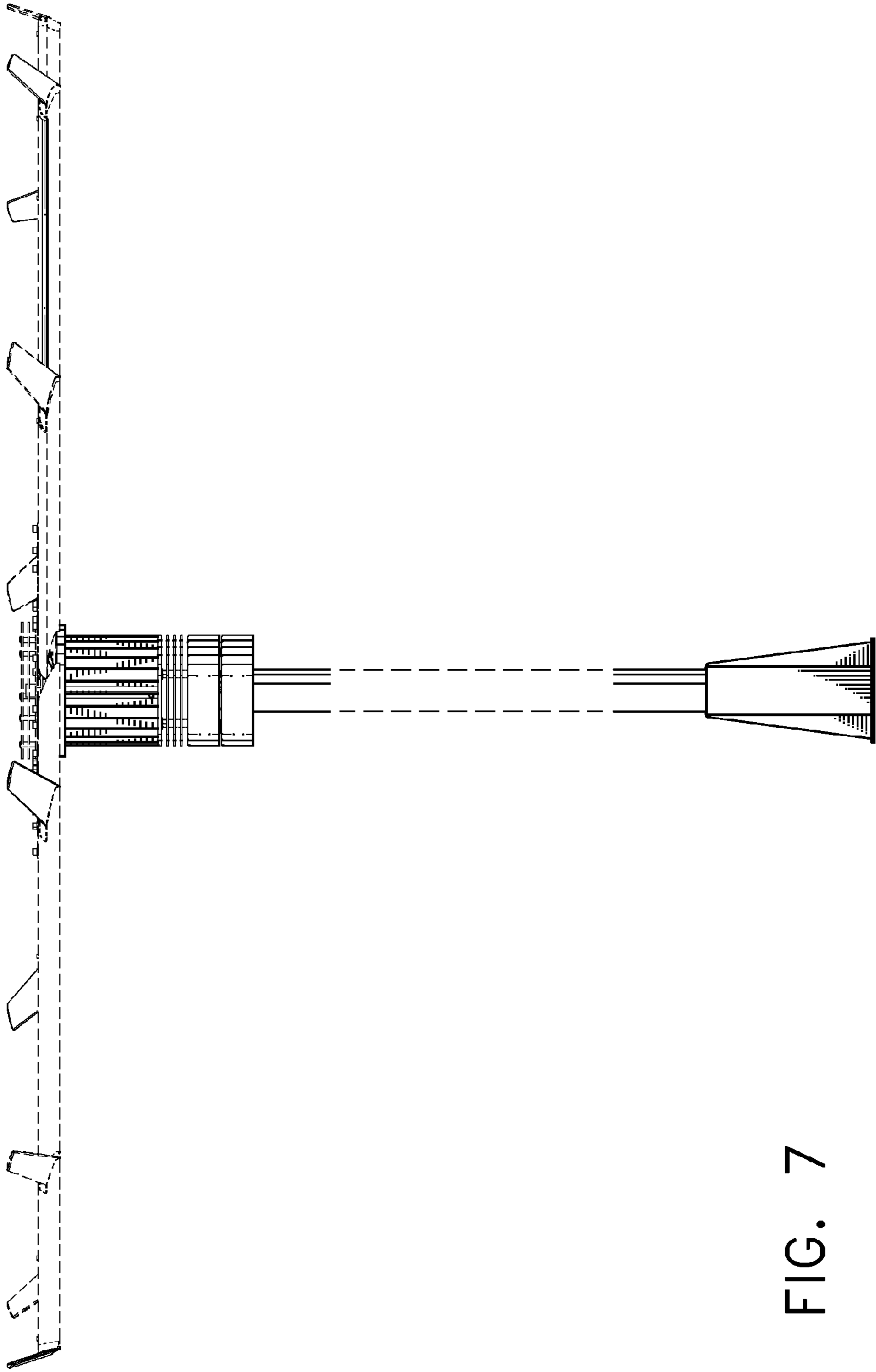


FIG. 7

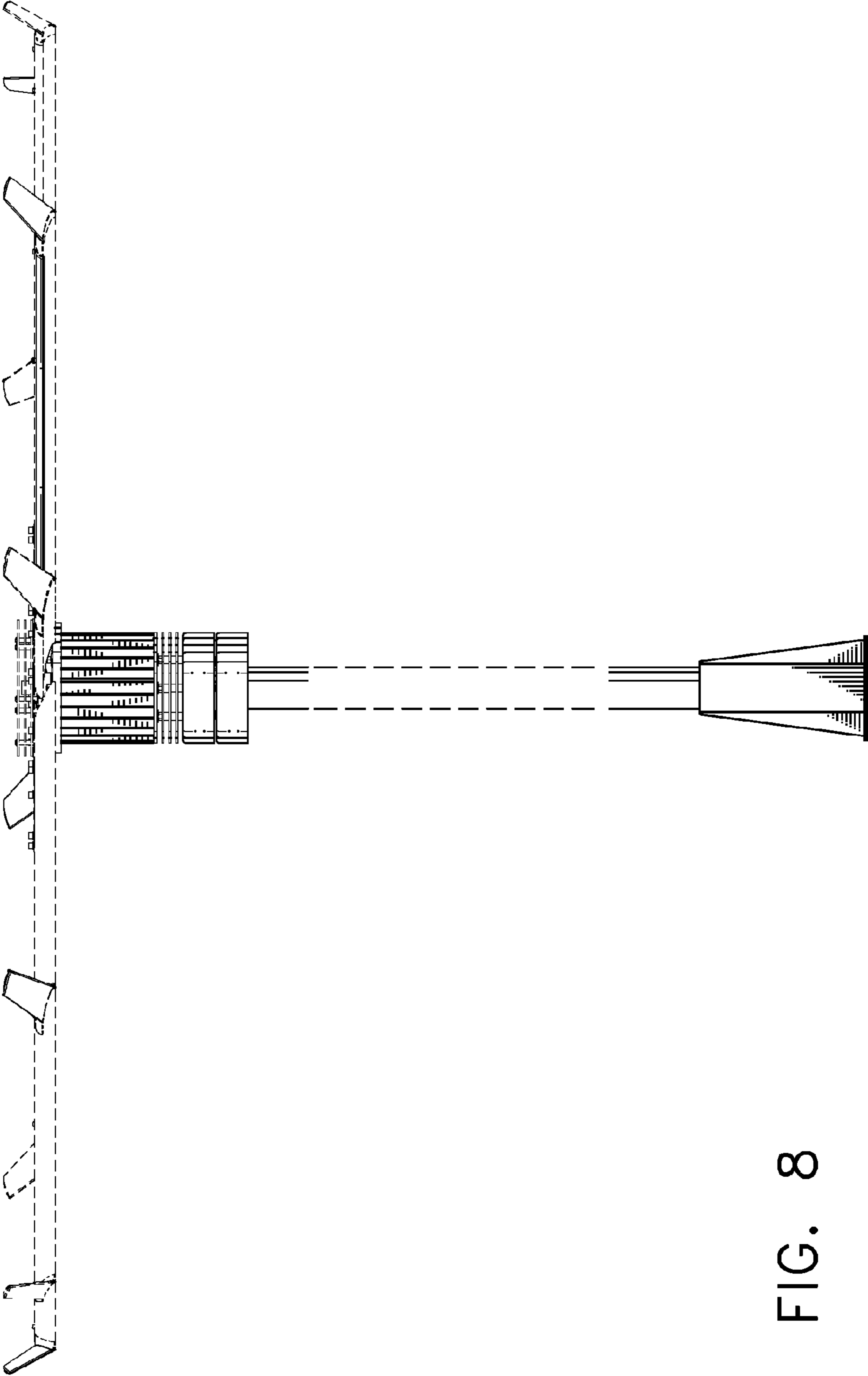


FIG. 8