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

(10) **Patent No.:** **US D660,952 S**  
(45) **Date of Patent:** **\*\* May 29, 2012**

- (54) **ELECTRIC FAN**
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- (73) Assignee: **Spal Automotive S.R.L.**, Correggio (IT)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/410,637**
- (22) Filed: **Jan. 10, 2012**

**Related U.S. Application Data**

- (62) Division of application No. 29/388,761, filed on Jun. 18, 2009, now Pat. No. Des. 654,997.

**Foreign Application Priority Data**

- (30) Dec. 22, 2008 (EM) ..... 001061345-001/002
- (51) **LOC (9) Cl.** ..... **23-04**
- (52) **U.S. Cl.** ..... **D23/370**
- (58) **Field of Classification Search** ..... D12/214;  
D23/370, 377, 378, 382; 416/5, 93 A, 143,  
416/153, 169 A, 184, 189, 212 R, 213 R,  
416/229 R, 234, 236 R, 241 A, 244 B, 246  
See application file for complete search history.

**References Cited**

**U.S. PATENT DOCUMENTS**

- D137,473 S 3/1944 Birsh
- 2,932,445 A \* 4/1960 Hathaway ..... 416/184
- D303,425 S 9/1989 Sonneman
- D310,812 S 9/1990 Bergeron
- D316,700 S 5/1991 Morrison
- D345,790 S \* 4/1994 Caldwell ..... D23/377
- 5,984,640 A 11/1999 Wang

- 6,039,541 A 3/2000 Parker et al.
- D438,950 S \* 3/2001 Frampton ..... D23/411
- 6,244,821 B1 6/2001 Boyd et al.
- D454,947 S \* 3/2002 Wagner ..... D23/370
- 6,517,315 B2 2/2003 Belady
- D476,072 S 6/2003 Wagner
- D489,804 S \* 5/2004 Wagner ..... D23/370
- D561,324 S \* 2/2008 Shirahama et al. .... D23/370
- D561,325 S 2/2008 Shirahama et al.
- D576,540 S 9/2008 Tymark et al.
- D607,988 S 1/2010 Oleson et al.
- D632,381 S \* 2/2011 Davenport et al. .... D23/377
- D635,237 S \* 3/2011 Fizer ..... D23/377
- D636,862 S \* 4/2011 McElveen et al. .... D23/370
- D641,075 S 7/2011 Fizer et al.
- D654,997 S \* 2/2012 Spaggiari ..... D23/370
- 2009/0208333 A1 \* 8/2009 Smith et al. .... 416/5

\* cited by examiner

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(57) **CLAIM**

The ornamental design for an electric fan, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view showing the fan of an electric fan, FIG. 2 is a top plan view, FIG. 3 is a front view, FIG. 4 is a rear view, FIG. 5 is a right side view, FIG. 6 is a left side view; and, FIG. 7 is a bottom plan view. The broken lines illustrate portions of the electric fan which form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**

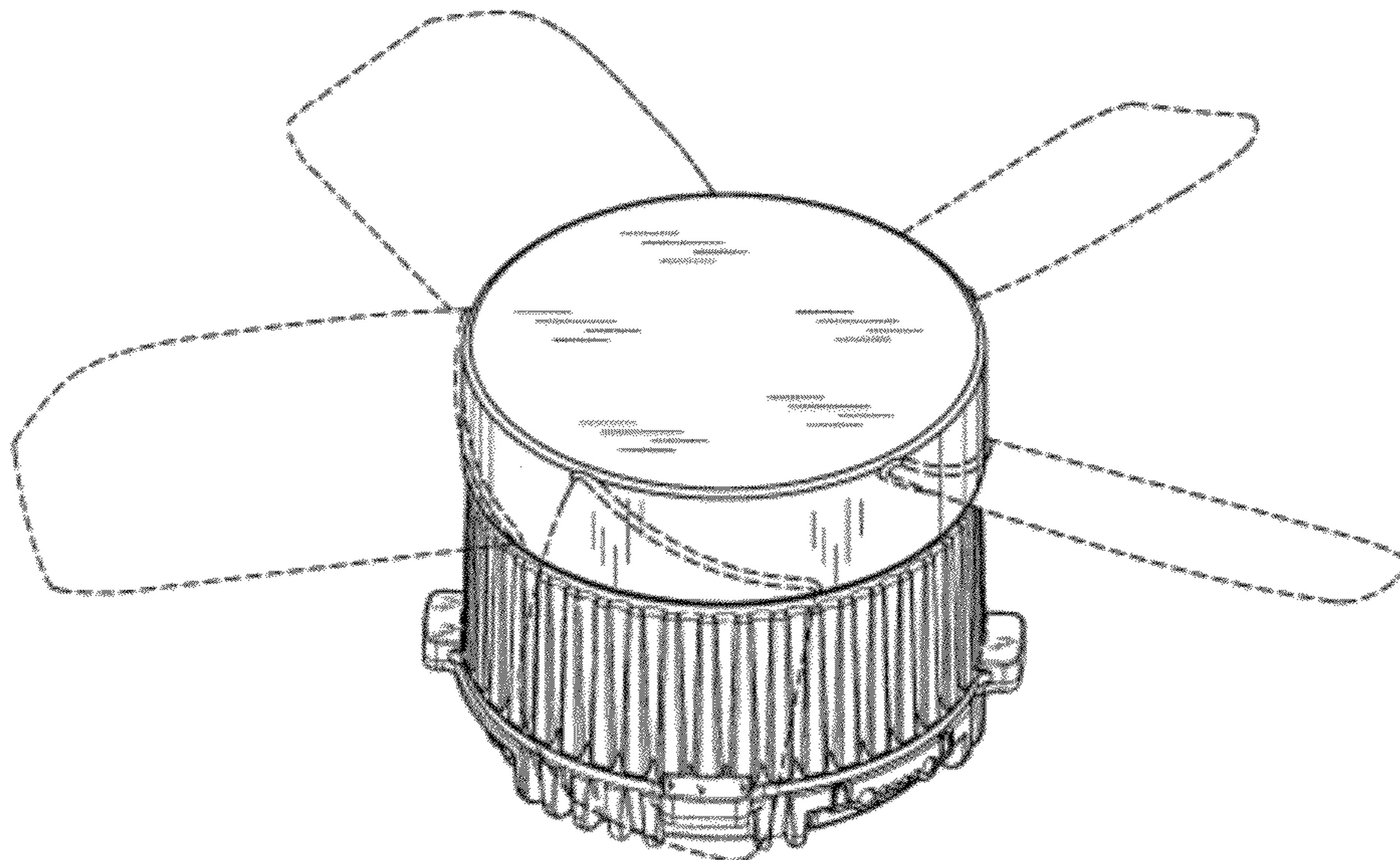


FIG.1

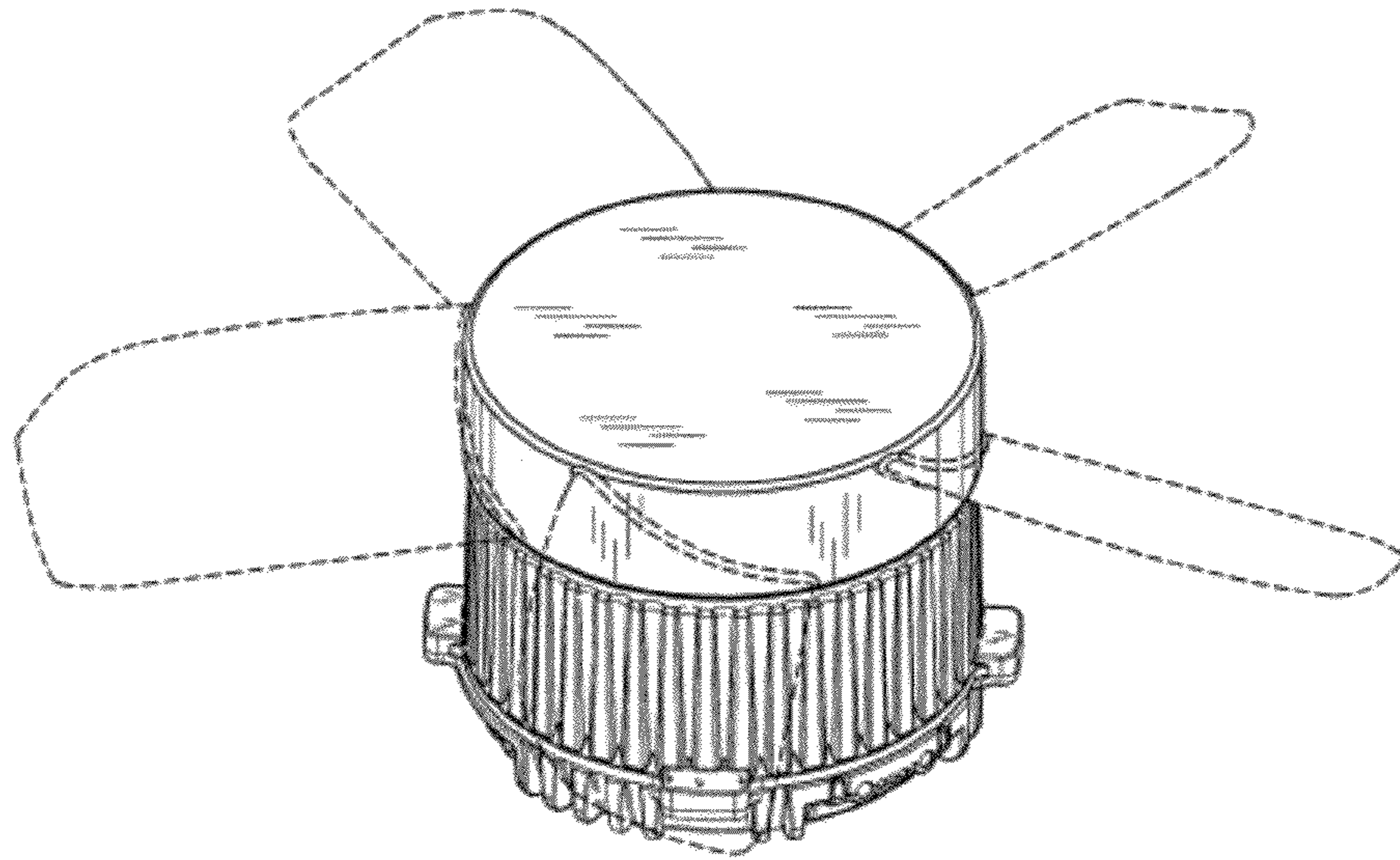


FIG.2

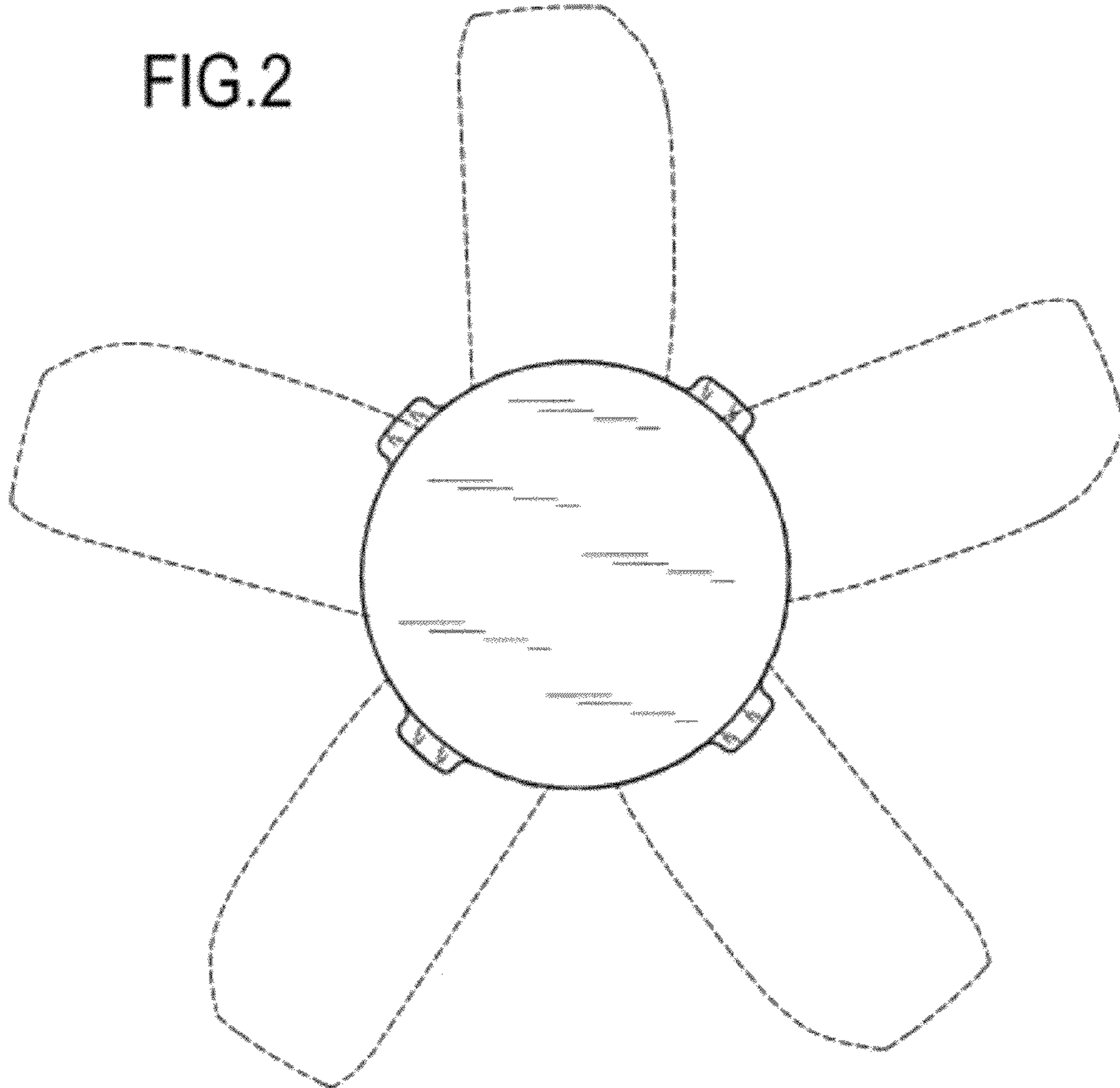


FIG.3

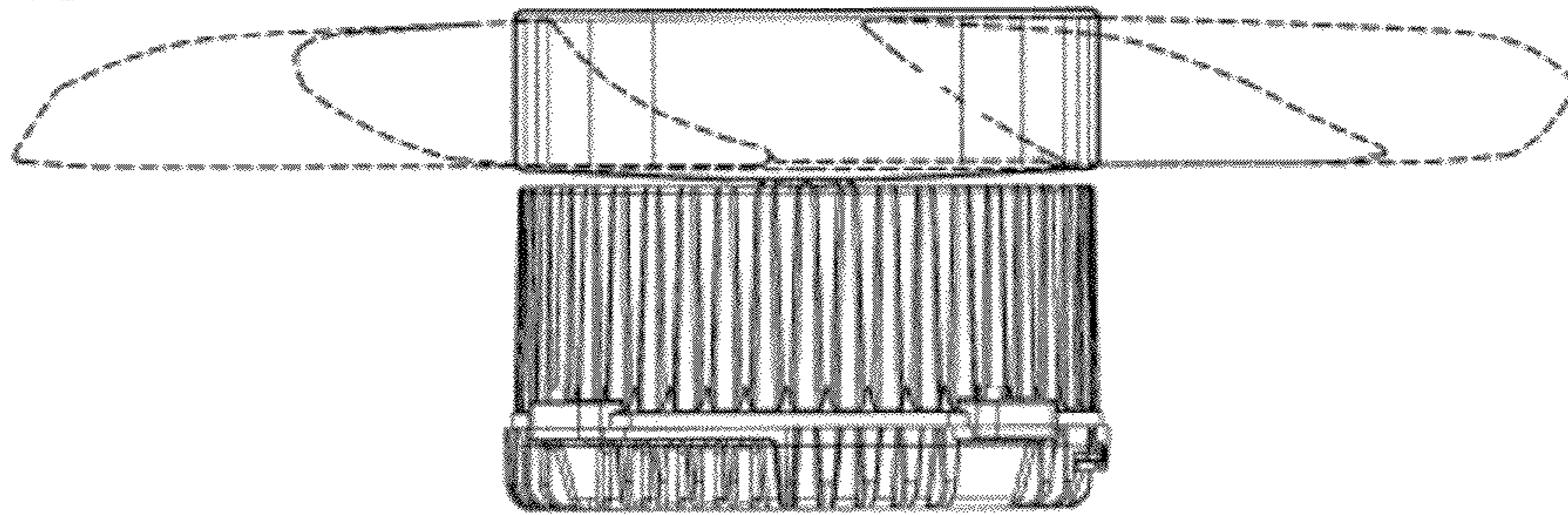


FIG.4

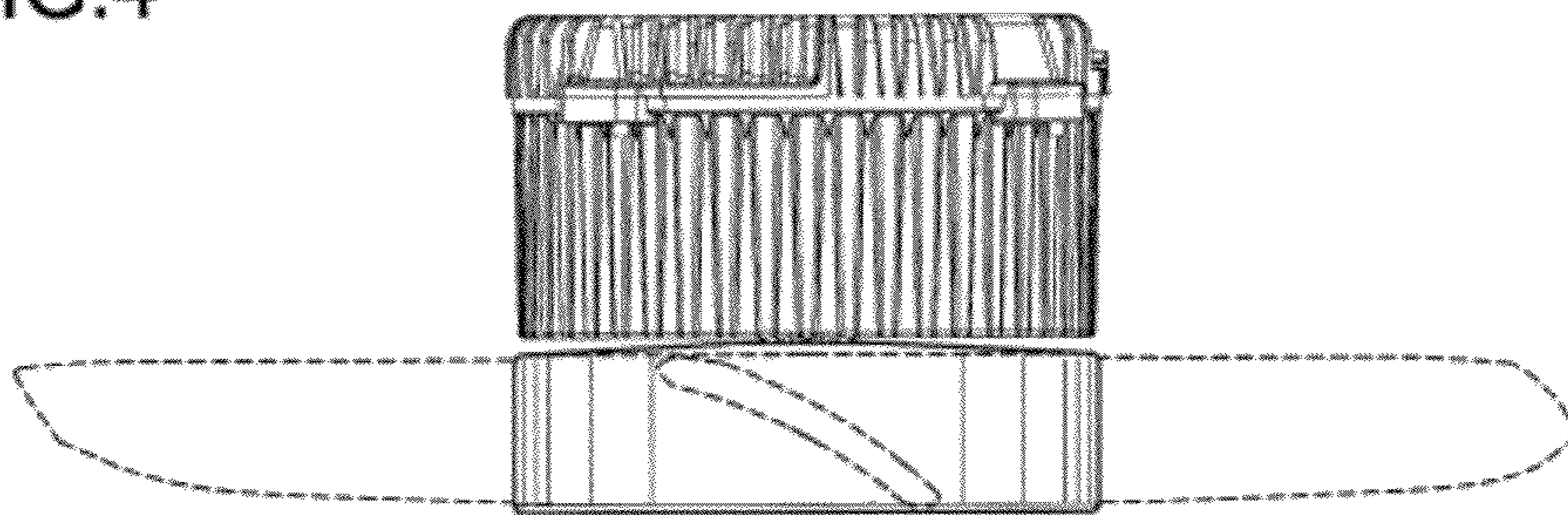


FIG.5

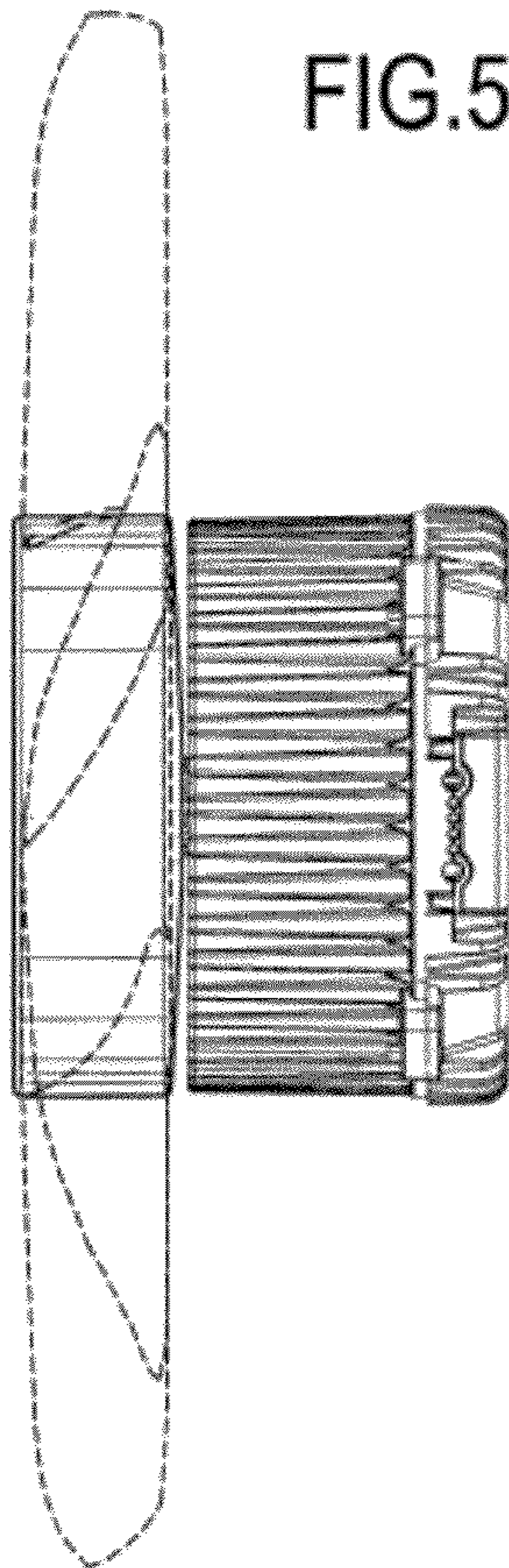


FIG.6

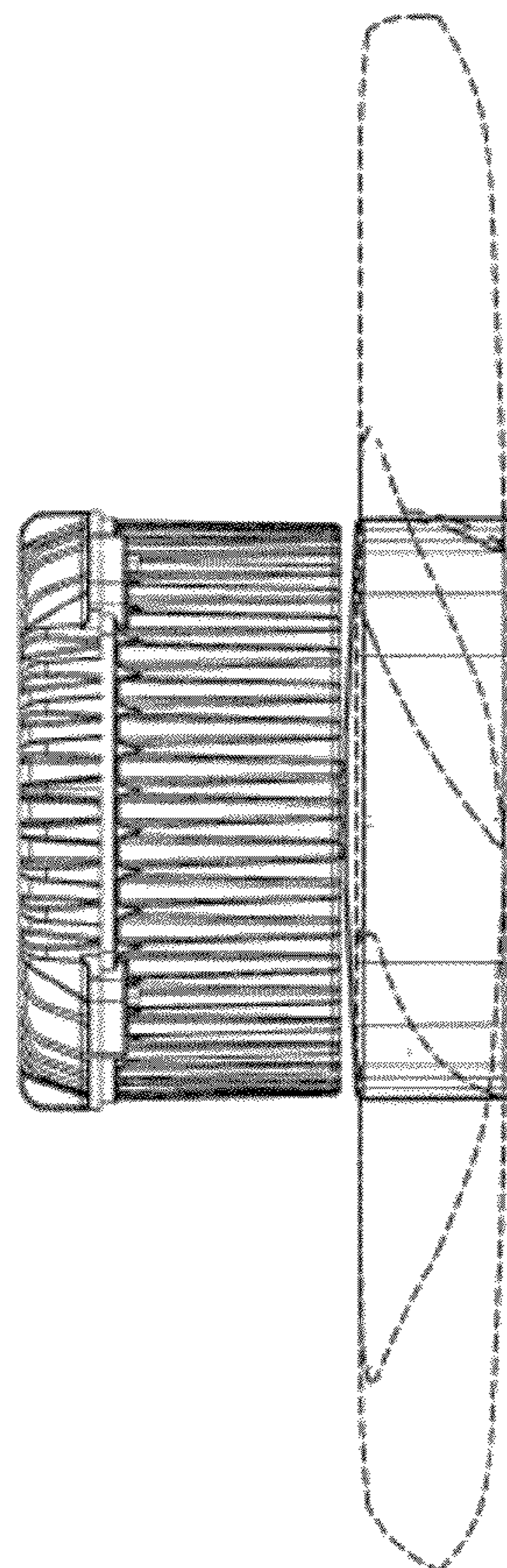


FIG.7

