



US00D564653S

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

(10) **Patent No.:** **US D564,653 S**
(45) **Date of Patent:** **** Mar. 18, 2008**

(54) **PROPELLER FOR AN AXIAL FLOW FAN**

D463,021 S * 9/2002 Huang et al. D23/413
D486,572 S * 2/2004 Chen et al. D23/413
D509,584 S * 9/2005 Li et al. D23/413

(75) Inventors: **Taku Iwase**, Hitachinaka (JP);
Masanori Watanabe, Hitachinaka (JP);
Tetsuya Hioki, Kiryu (JP); **Osamu**
Sekiguchi, Kiryu (JP); **Taro Tanno**,
Kiryu (JP); **Yoshihiko Katou**, Kiryu
(JP)

FOREIGN PATENT DOCUMENTS

CH ZL02345393.1 5/2003
CH ZL03307544.1 11/2003
JP 1080549 7/2000

(73) Assignee: **Japan Servo Co., Ltd.**, Tokyo (JP)

* cited by examiner

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

Primary Examiner—Lisa P Lichtenstein

(21) Appl. No.: **29/277,255**

(74) *Attorney, Agent, or Firm*—Antonelli, Terry, Stout &
Kraus, LLP.

(22) Filed: **Feb. 20, 2007**

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for a propeller for an axial flow fan,
as shown.

Nov. 22, 2006 (JP) 2006-032007

DESCRIPTION

(51) **LOC (8) Cl.** **23-04**

FIG. 1 is a perspective view showing our new design;

(52) **U.S. Cl.** **D23/413**

FIG. 2 is a top view thereof;

(58) **Field of Classification Search** D23/370,
D23/379, 413; 416/223 R, 238, 243, 179,
416/182; 361/695

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

See application file for complete search history.

FIG. 5 is a bottom view thereof;

FIG. 6 is a left side view thereof; and,

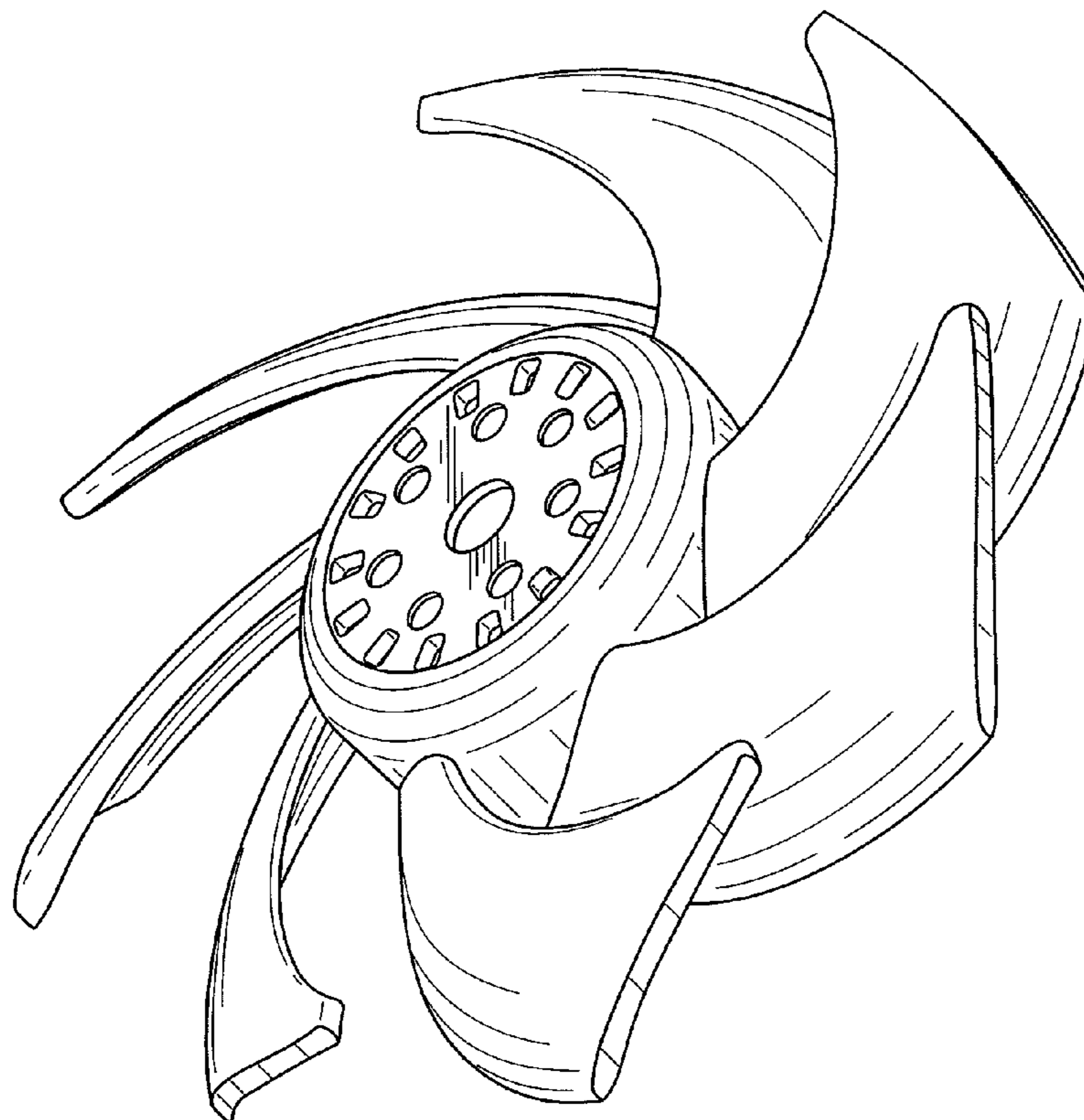
FIG. 7 is a right side thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D453,827 S * 2/2002 Kuo et al. D23/413

1 Claim, 4 Drawing Sheets



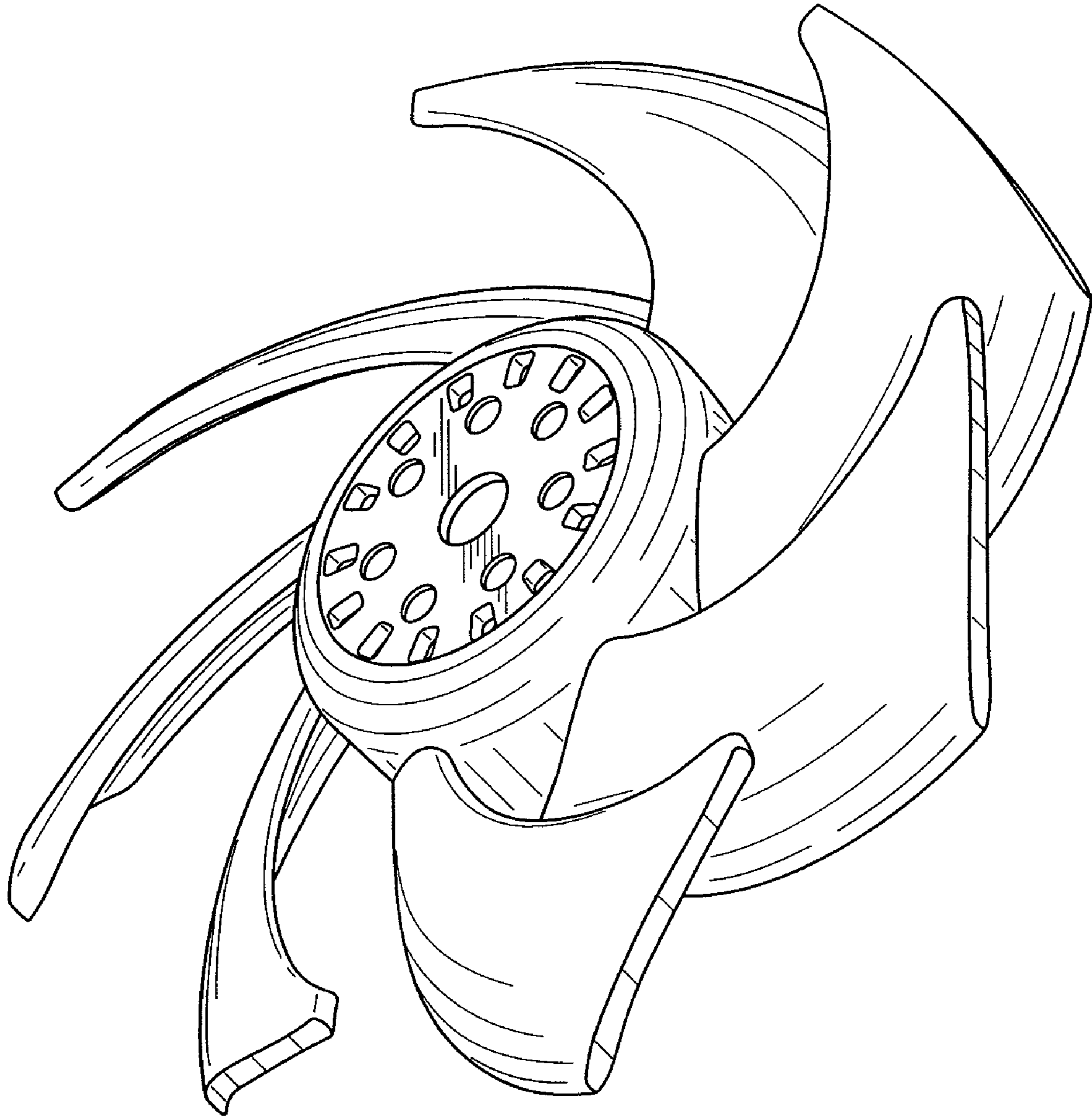


FIG. 1

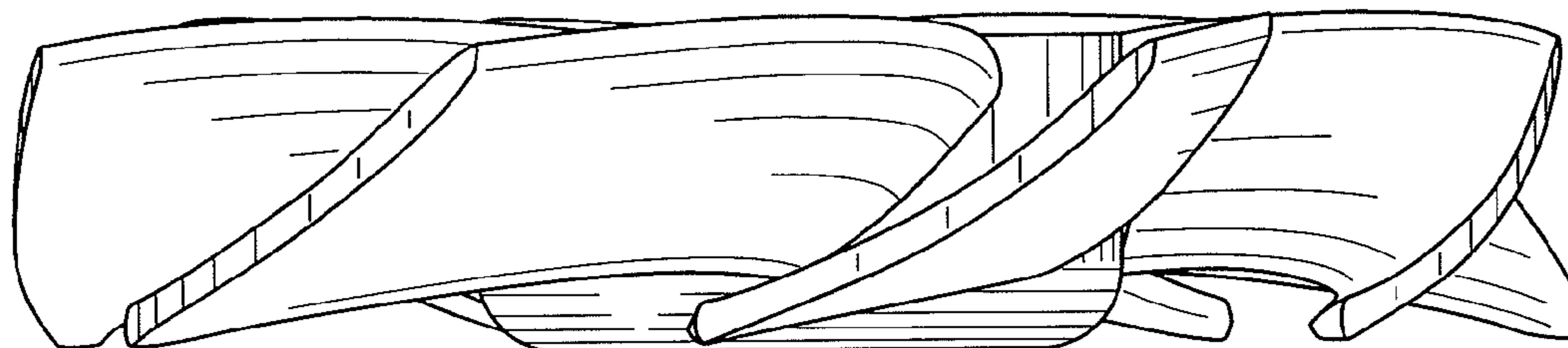


FIG. 2

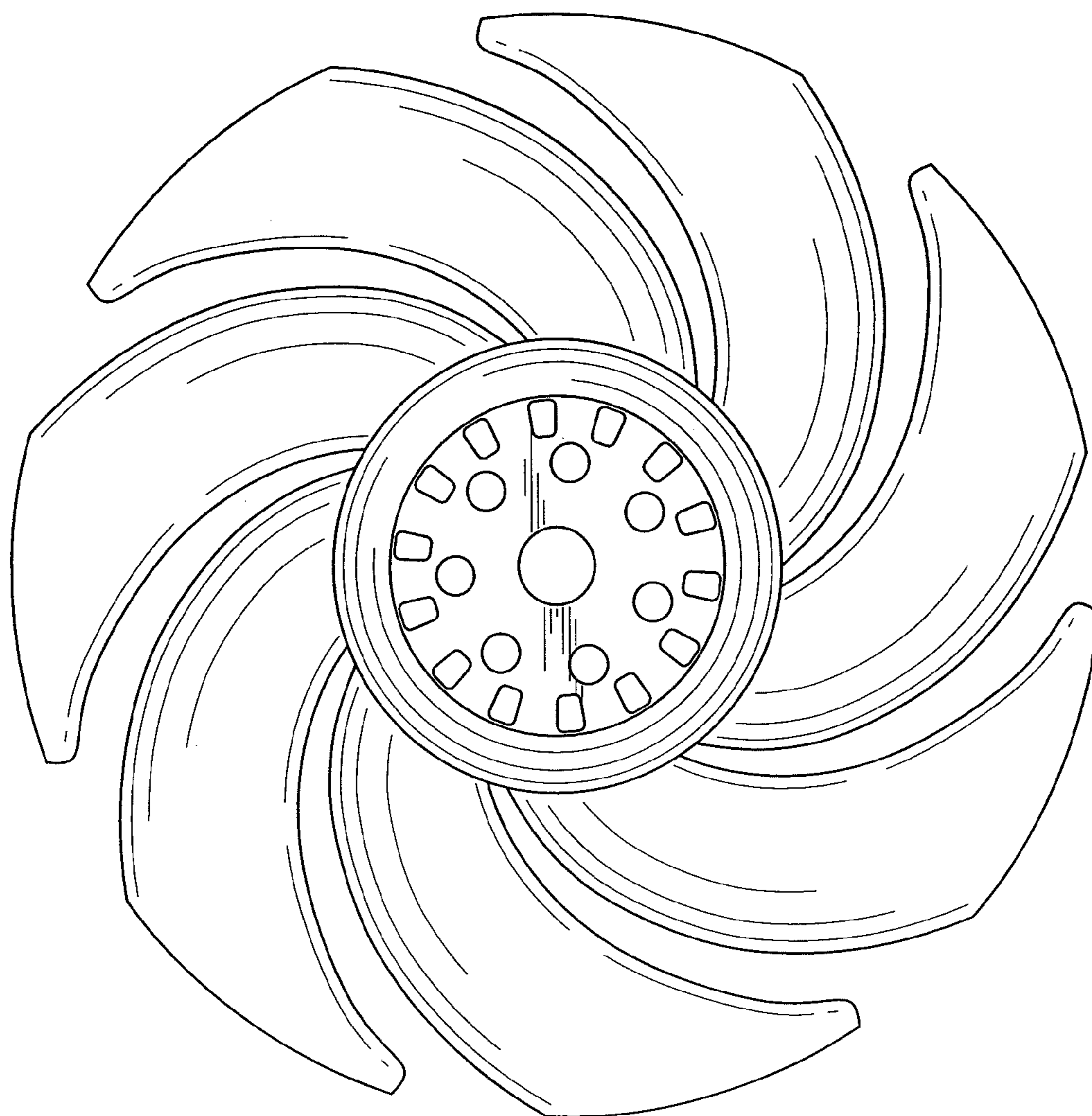


FIG. 3

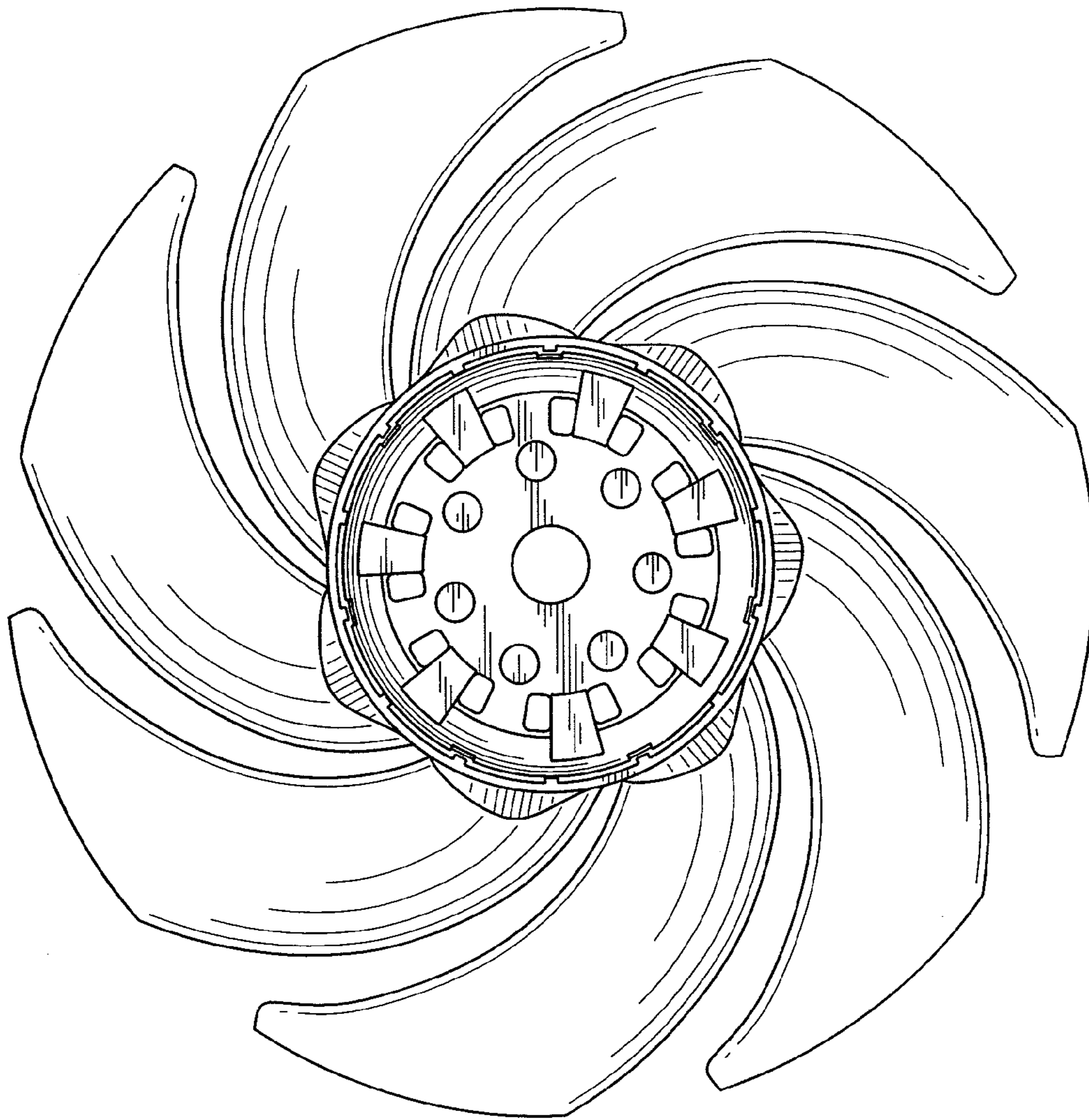


FIG. 4

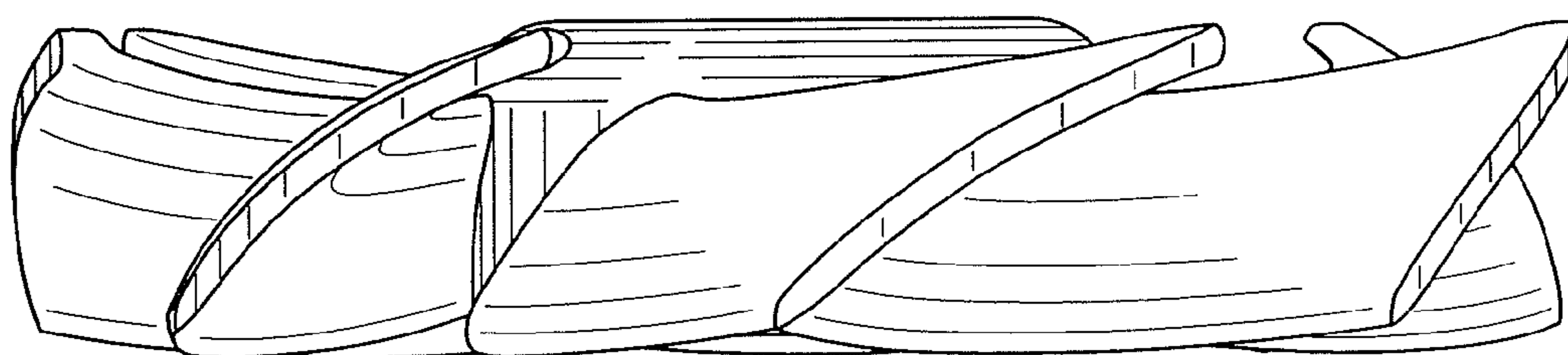


FIG. 5

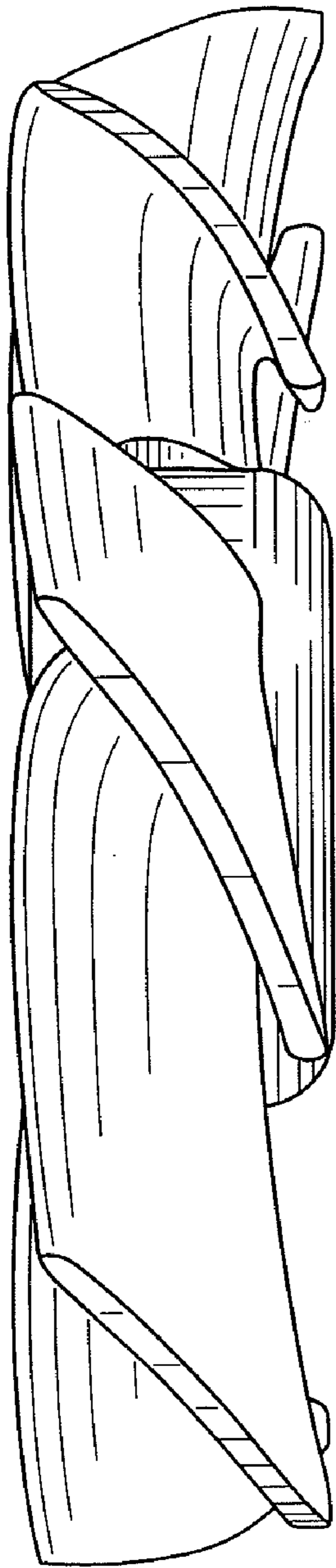


FIG. 6



FIG. 7