



US00D658563S

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

(10) **Patent No.:** **US D658,563 S**

(45) **Date of Patent:** **** May 1, 2012**

(54) **TRANS-VELOCITY PADDLE**

(75) Inventors: **Jeng-Lih Hwang**, Tamshui (TW);
Ching-Ya Hsin, Tamshui (TW);
Shang-Sheng Chin, Tamshui (TW)

(73) Assignee: **United Ship Design and Development Center**, Tamshui (TW)

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

(21) Appl. No.: **29/360,143**

(22) Filed: **Apr. 21, 2010**

(51) **LOC (9) Cl.** **12-16**

(52) **U.S. Cl.** **D12/214**

(58) **Field of Classification Search** D12/214;
D23/411-414; 416/62-63, 93 A, 167, 200 R,
416/212 R, 213 R, 214, 214 R, 222-235,
416/236 R, 241 R, 244 R

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

123,274	A *	1/1872	McCay	.....	416/214 R
535,172	A *	3/1895	Purnell	.....	416/200 R
615,094	A *	11/1898	McKenchnie	.....	416/244 R
645,354	A *	3/1900	Emrich	.....	416/222
D33,386	S *	10/1900	Rondell	.....	D12/214
1,067,385	A *	7/1913	Taylor	.....	416/167

2,011,821	A *	8/1935	Meyer et al.	.....	416/223 R
3,266,578	A *	8/1966	McNeil	.....	416/234
4,789,303	A *	12/1988	Frazzell et al.	.....	416/63
4,802,822	A *	2/1989	Gilgenbach et al.	.....	416/235
7,357,686	B2 *	4/2008	Lin et al.	.....	440/50
7,429,163	B2 *	9/2008	Patterson	.....	416/93 A
2005/0084382	A1 *	4/2005	Mansson	.....	416/244 B

* cited by examiner

Primary Examiner — Susan E Krakower

(74) *Attorney, Agent, or Firm* — Ming Chow; Sinorica, LLC

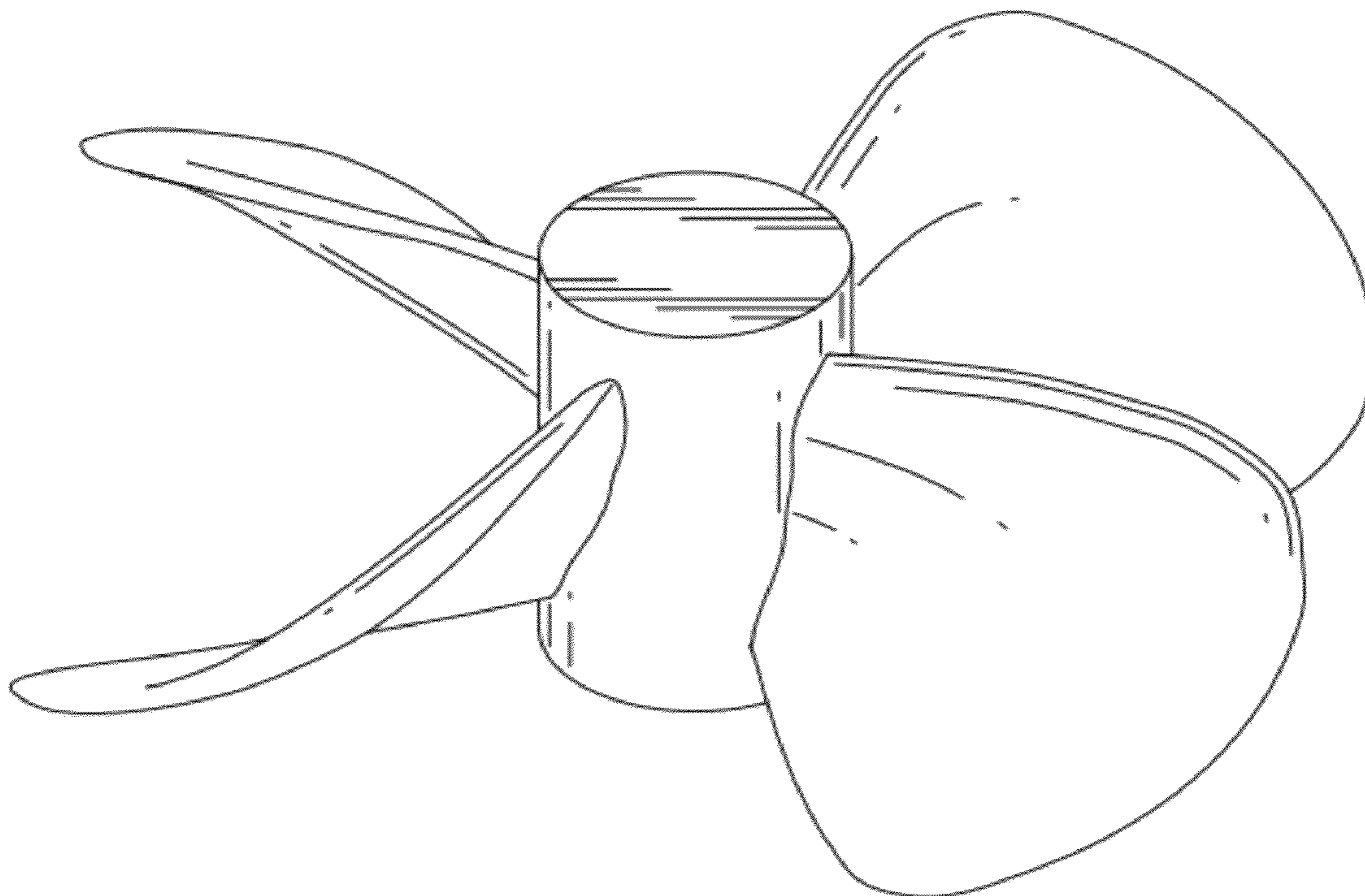
(57) **CLAIM**

The ornamental design for a trans-velocity paddle, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a trans-velocity paddle showing my 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;
 FIG. 8 is a cross-sectional view thereof, taken along lines 8-8 shown in FIG. 6; and,
 FIG. 9 is a cross-sectional view thereof, taken along lines 9-9 shown in FIG. 6.

1 Claim, 6 Drawing Sheets



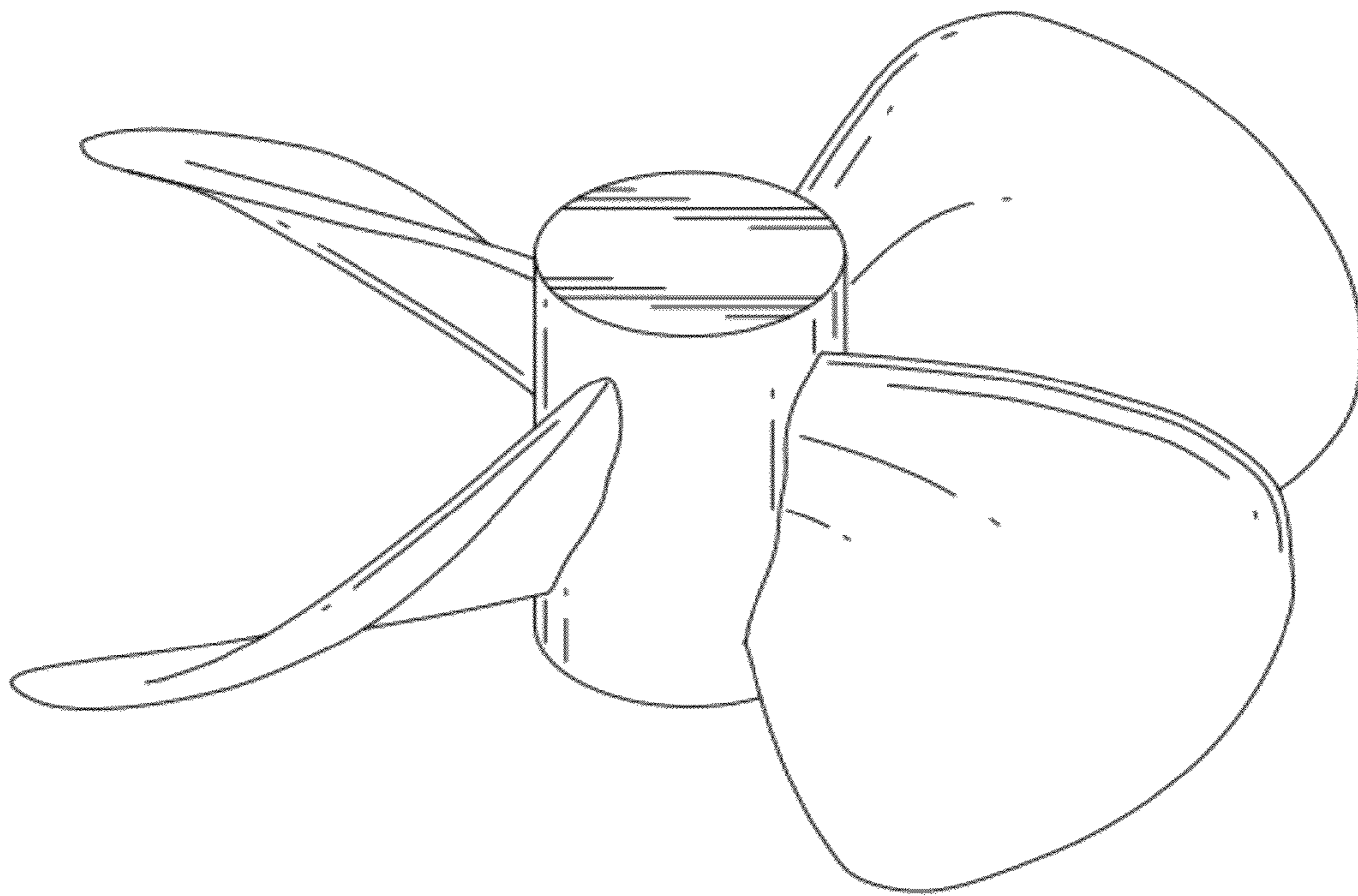


FIG. 1

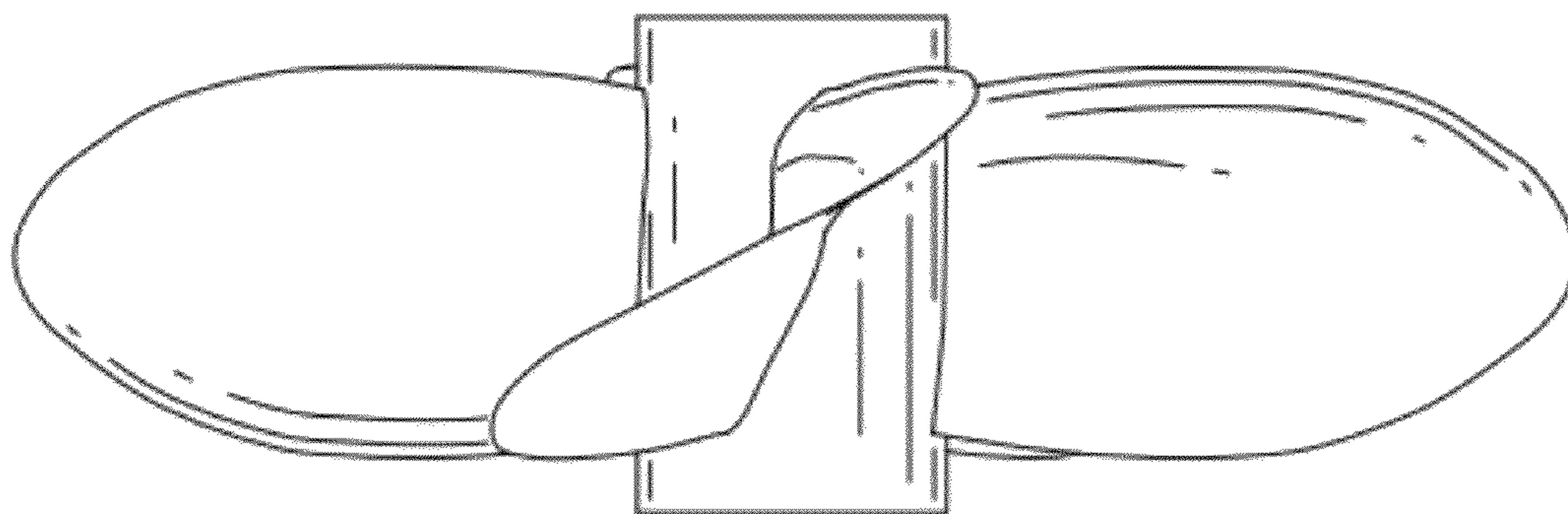


FIG. 2

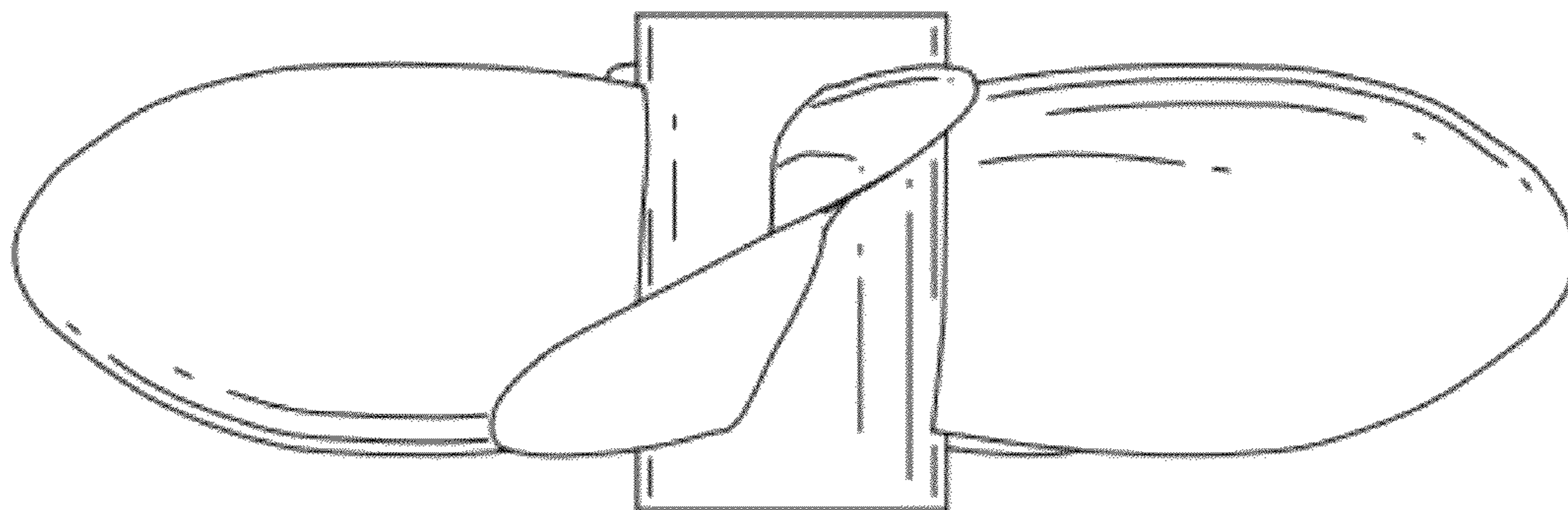


FIG. 3

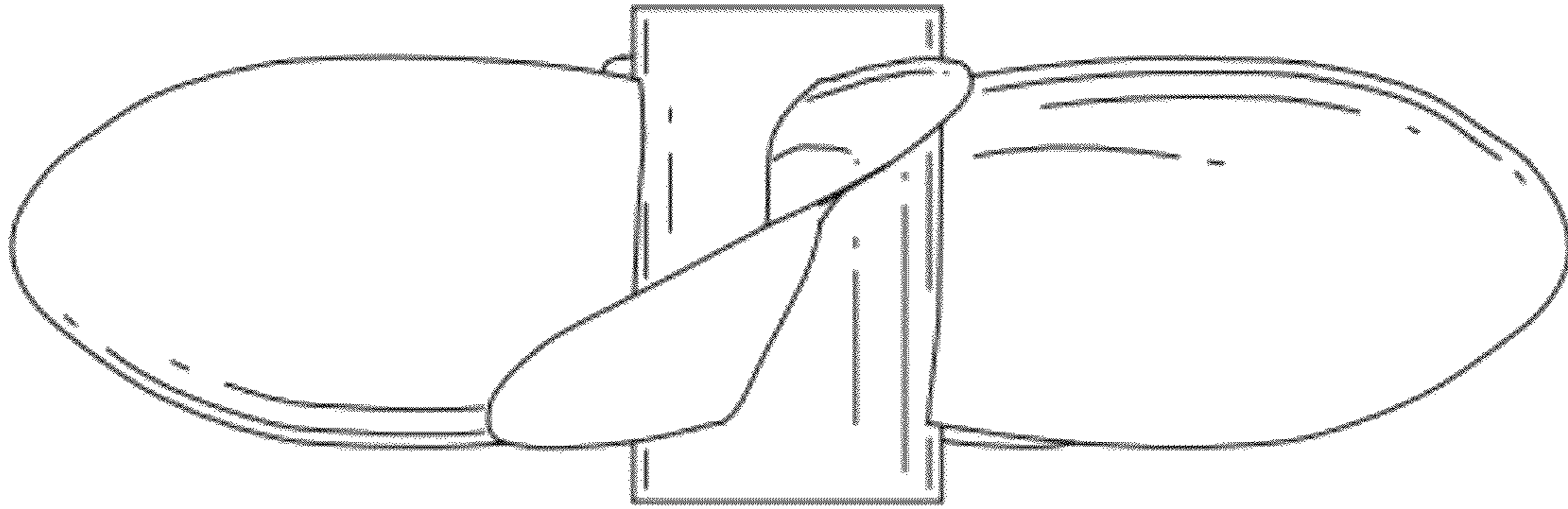


FIG. 4

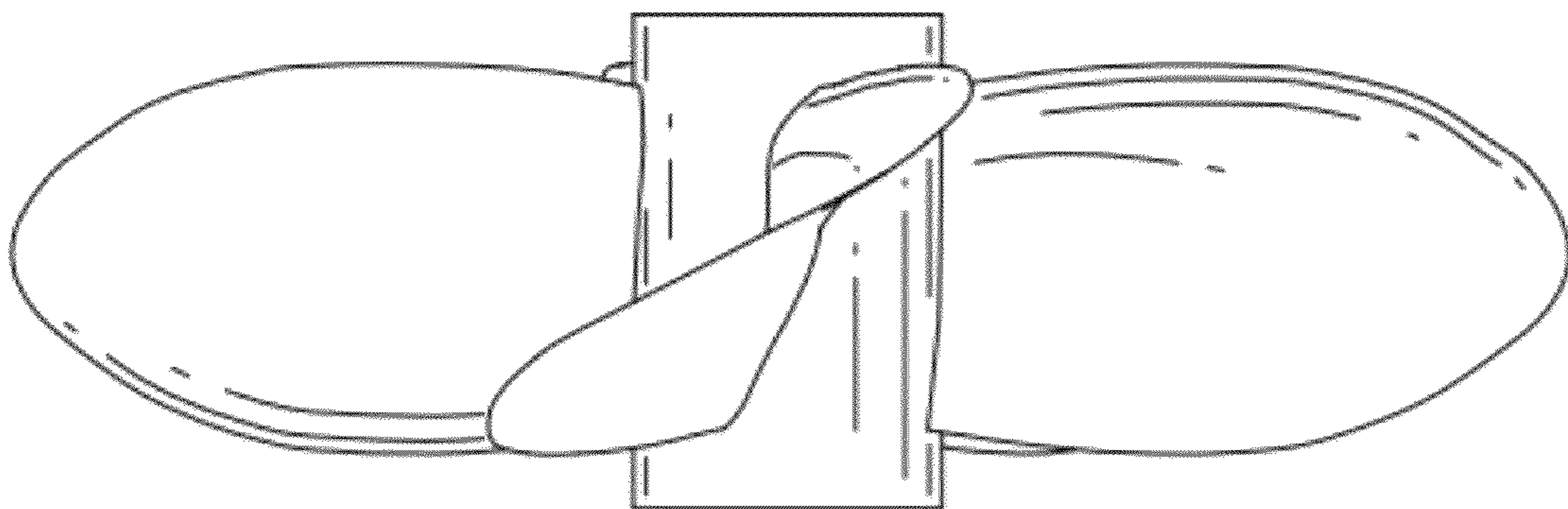


FIG. 5

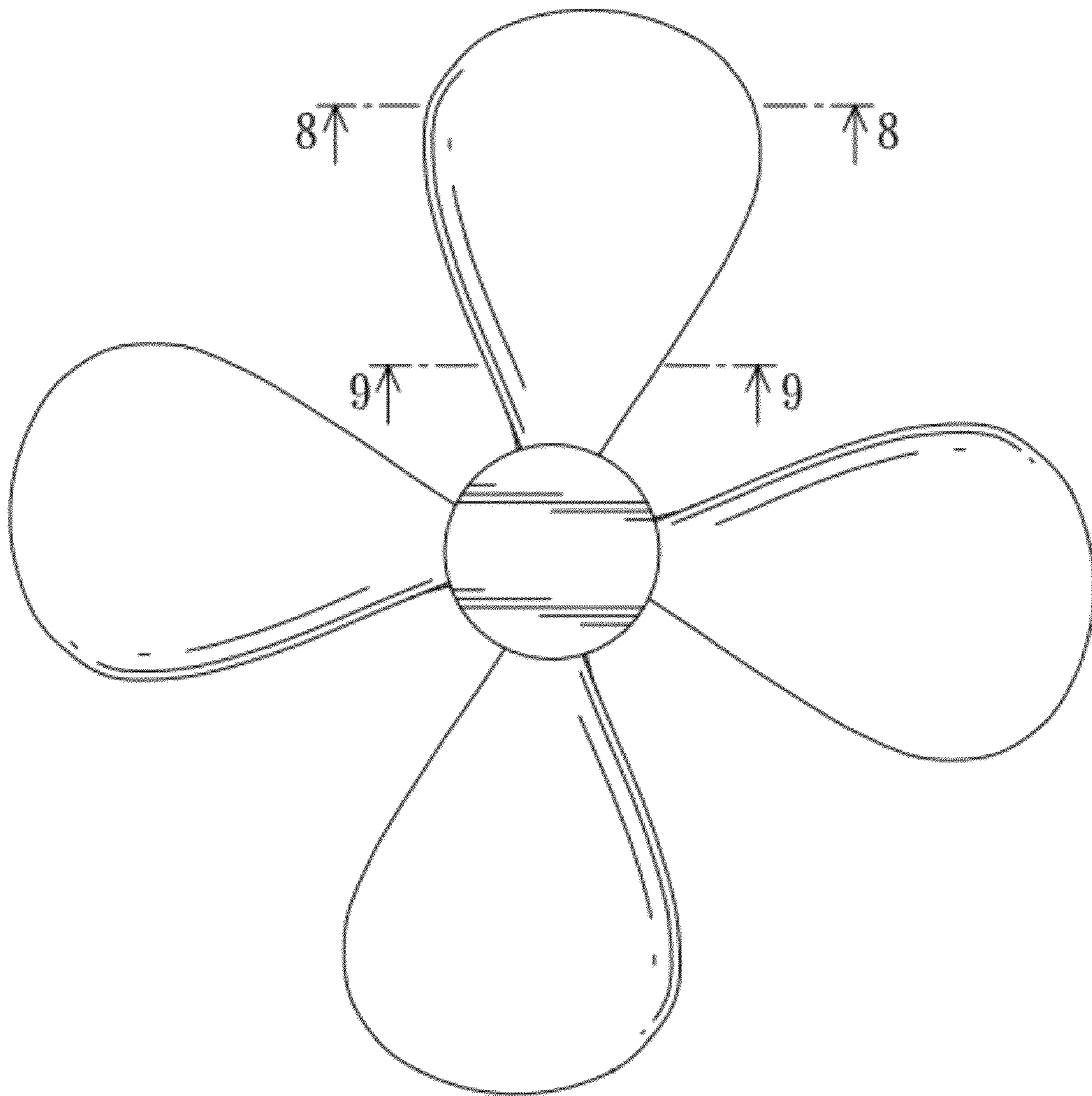


FIG. 6

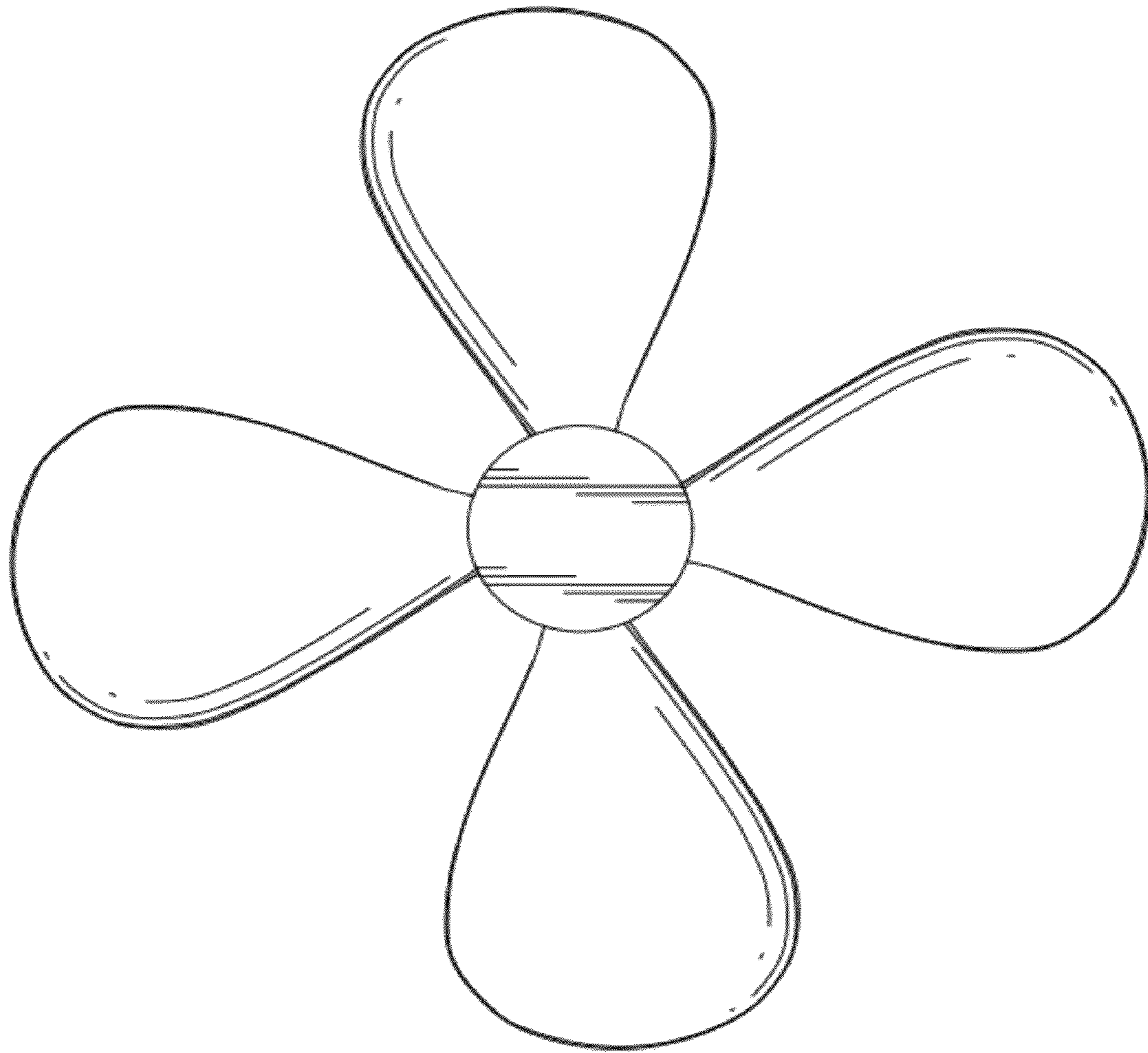


FIG. 7

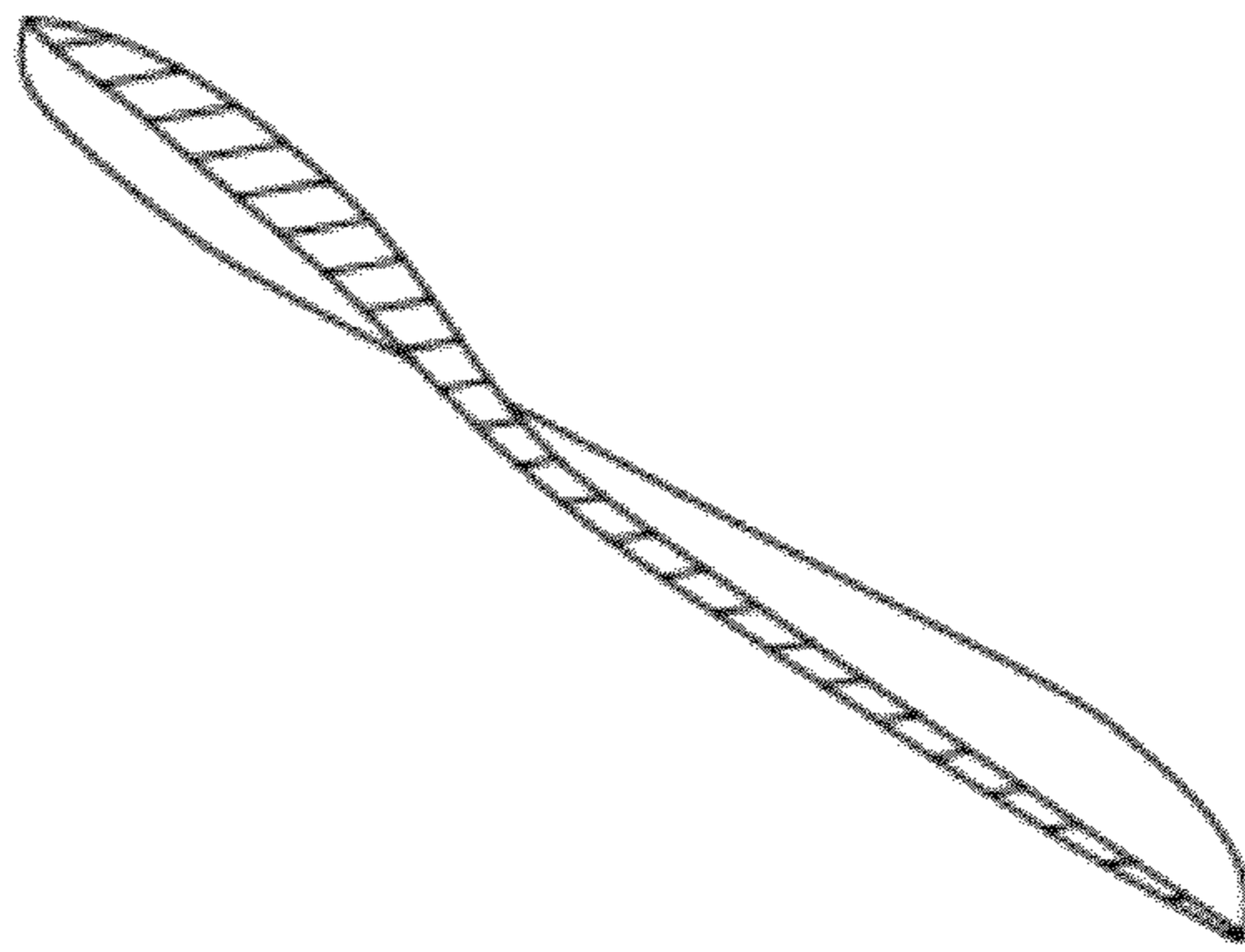


FIG. 8

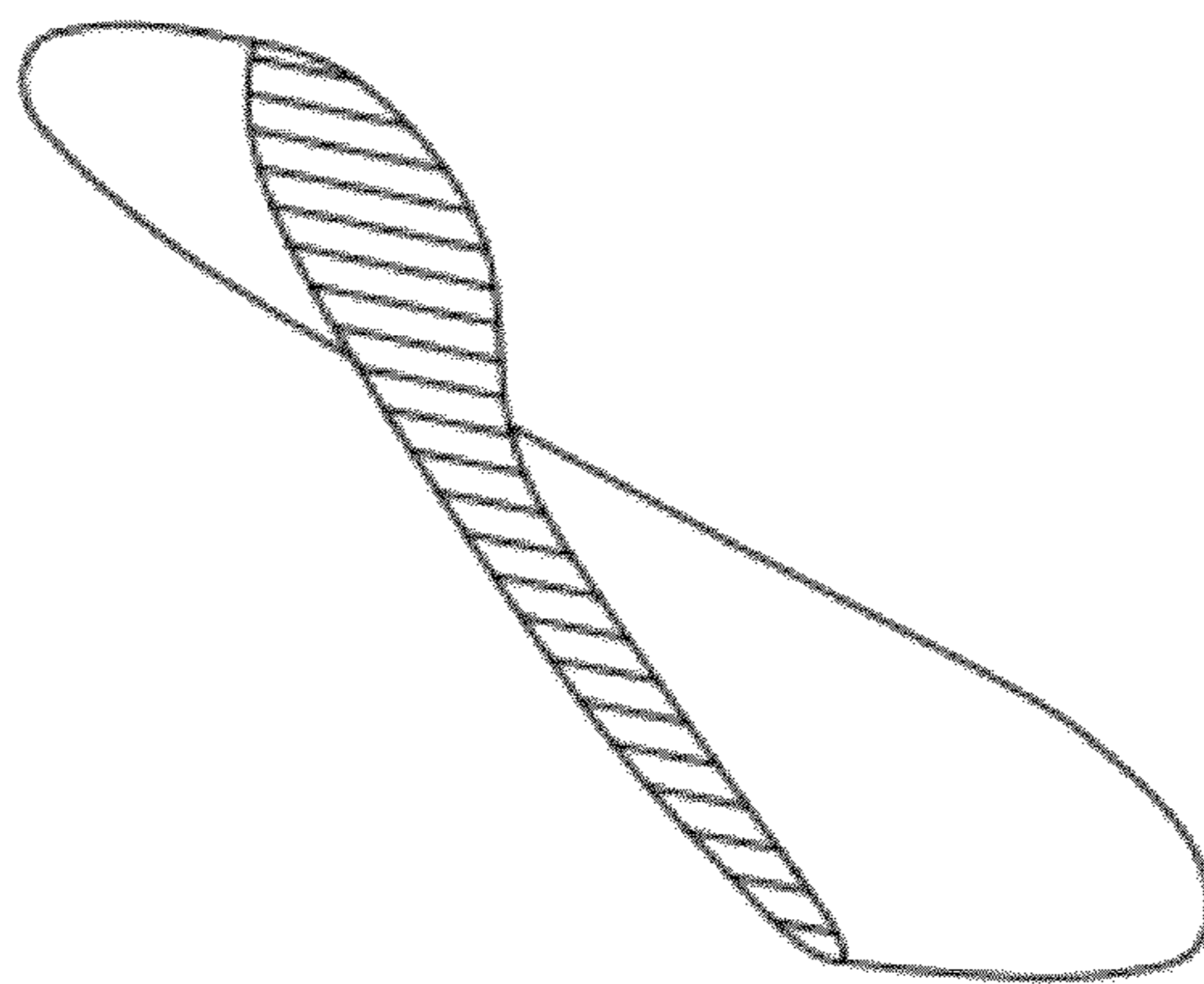


FIG. 9