



US00D560622S

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

(10) **Patent No.:** **US D560,622 S**
(45) **Date of Patent:** **** Jan. 29, 2008**

- (54) **FAN**
- (75) Inventors: **Katsumichi Ishihara**, Nagano (JP);
Honami Ohsawa, Nagano (JP)
- (73) Assignee: **Sanyo Denki Co., Ltd.**, Tokyo (JP)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/235,744**
- (22) Filed: **Aug. 5, 2005**
- (30) **Foreign Application Priority Data**

Feb. 7, 2005 (JP) 2005-003147

- (51) **LOC (8) Cl.** **13-03**
- (52) **U.S. Cl.** **D13/179; D23/370**
- (58) **Field of Classification Search** D13/179;
165/80.3, 104.33, 151, 122, 185; 257/706,
257/707, 718-722; 361/687, 695, 697, 700,
361/702, 704, 709, 710, 711, 719; D23/370;
415/176, 211.2

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,493,225	B2 *	12/2002	Chuang et al.	.....	361/695
D487,800	S	3/2004	Chen et al.		
D492,986	S	7/2004	Chiu et al.		
D501,450	S *	2/2005	Watanabe et al.	.....	D13/179
D506,540	S	6/2005	Chiu et al.		
D507,637	S	7/2005	Chiu et al.		
D507,638	S	7/2005	Chiu et al.		
7,040,389	B2 *	5/2006	Hsu	.....	165/185
7,130,192	B2 *	10/2006	Wang et al.	.....	361/697
D531,716	S *	11/2006	Watanabe et al.	.....	D23/370
2005/0139347	A1 *	6/2005	Chen et al.	.....	165/104.33
2006/0093475	A1 *	5/2006	Liu et al.	.....	415/176
2007/0044942	A1 *	3/2007	Mou	.....	165/104.33

FOREIGN PATENT DOCUMENTS

TW	518181	1/2003
TW	533010	5/2003
TW	568717	12/2003
TW	D101679(1)	12/2004
TW	D101857	12/2004
TW	D102476	1/2005

TW D101679(4) 2/2005
TW D101679(5) 2/2005

* cited by examiner

Primary Examiner—Selina Sikder

(74) *Attorney, Agent, or Firm*—Rankin, Hill, Porter & Clark LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front side elevation view of a fan.
 FIG. 2 is a rear side elevation view.
 FIG. 3 is a right side elevation view.
 FIG. 4 is a left side elevation view.
 FIG. 5 is a top plan view.
 FIG. 6 is a bottom plan view.
 FIG. 7 is a front side elevation view, omitting the lead wires.
 FIG. 8 is a front side elevation view for reference, omitting the lead wires.
 FIG. 9 is a cross sectional end view as taken along 9—9 line in FIG. 3.
 FIG. 10 is a cross sectional end view as taken along 10—10 line in FIG. 3, omitting the interior mechanism of a motor.
 FIG. 11 is a cross sectional view as taken along 11—11 line in FIG. 8, omitting the lead wires.
 FIG. 12 is a cross sectional view taken along 12—12 line in FIG. 8, omitting the interior mechanism of a motor.
 FIG. 13 is a cross sectional view taken along 13—13 line in FIG. 8, omitting the interior mechanism of a motor.
 FIG. 14 is a cross sectional view as taken along 14—14 line in FIG. 8.
 FIG. 15 is a perspective view as viewed from the front; and,
 FIG. 16 is a perspective view as viewed from the rear.
 The broken lines throughout the drawing figures are included for the purpose of illustrating portions of the fan that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

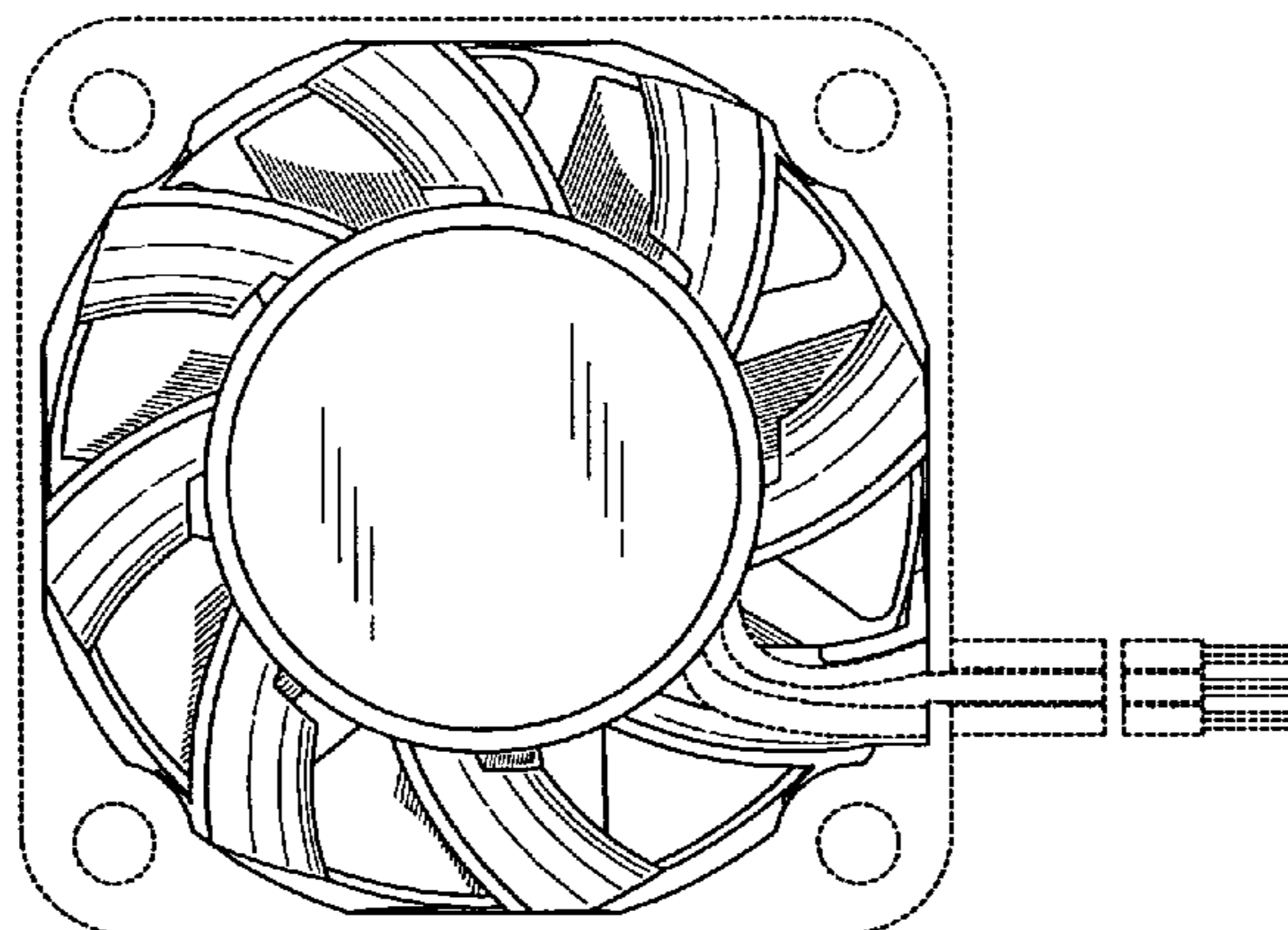


FIG. 1

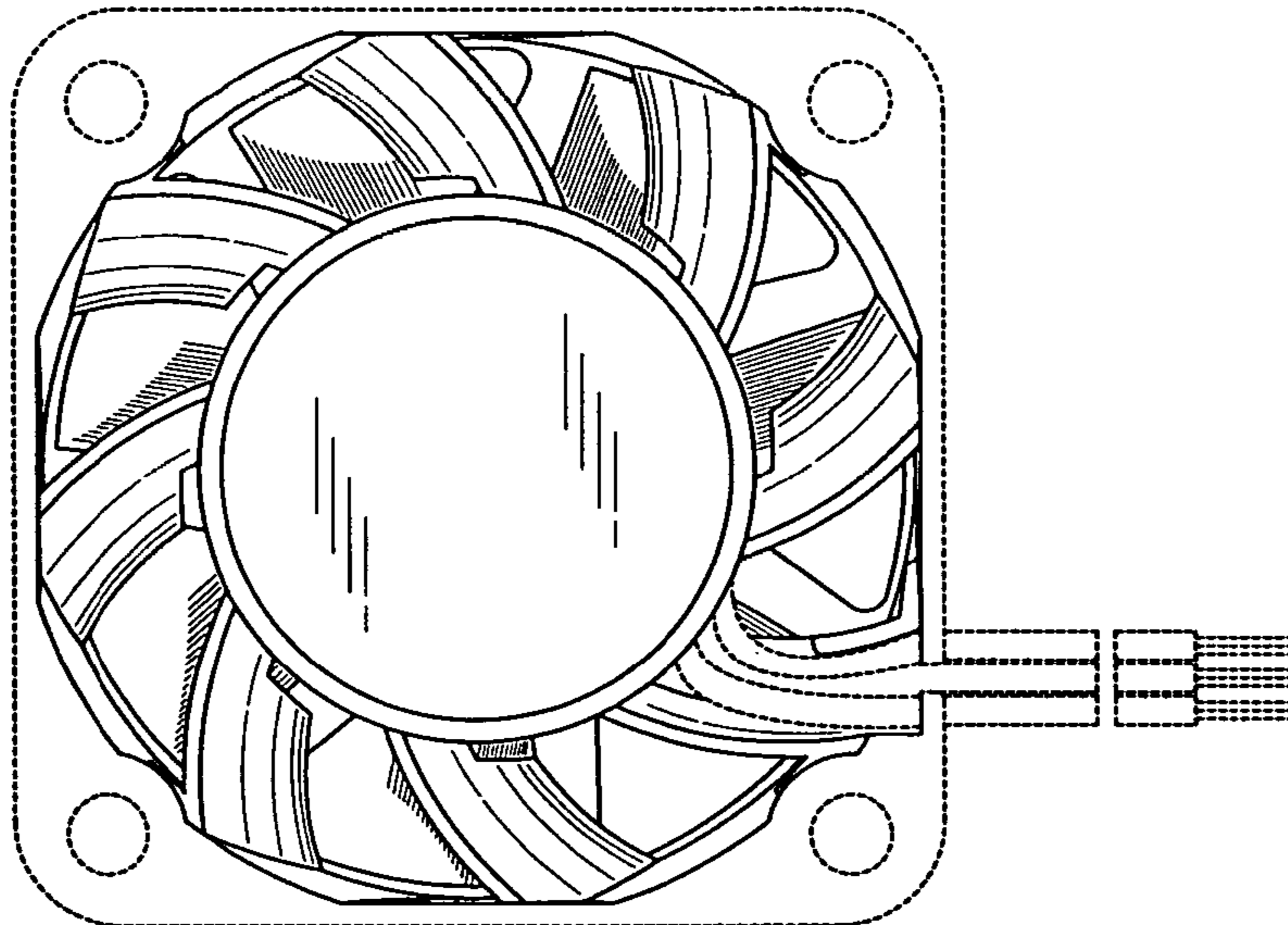


FIG. 2

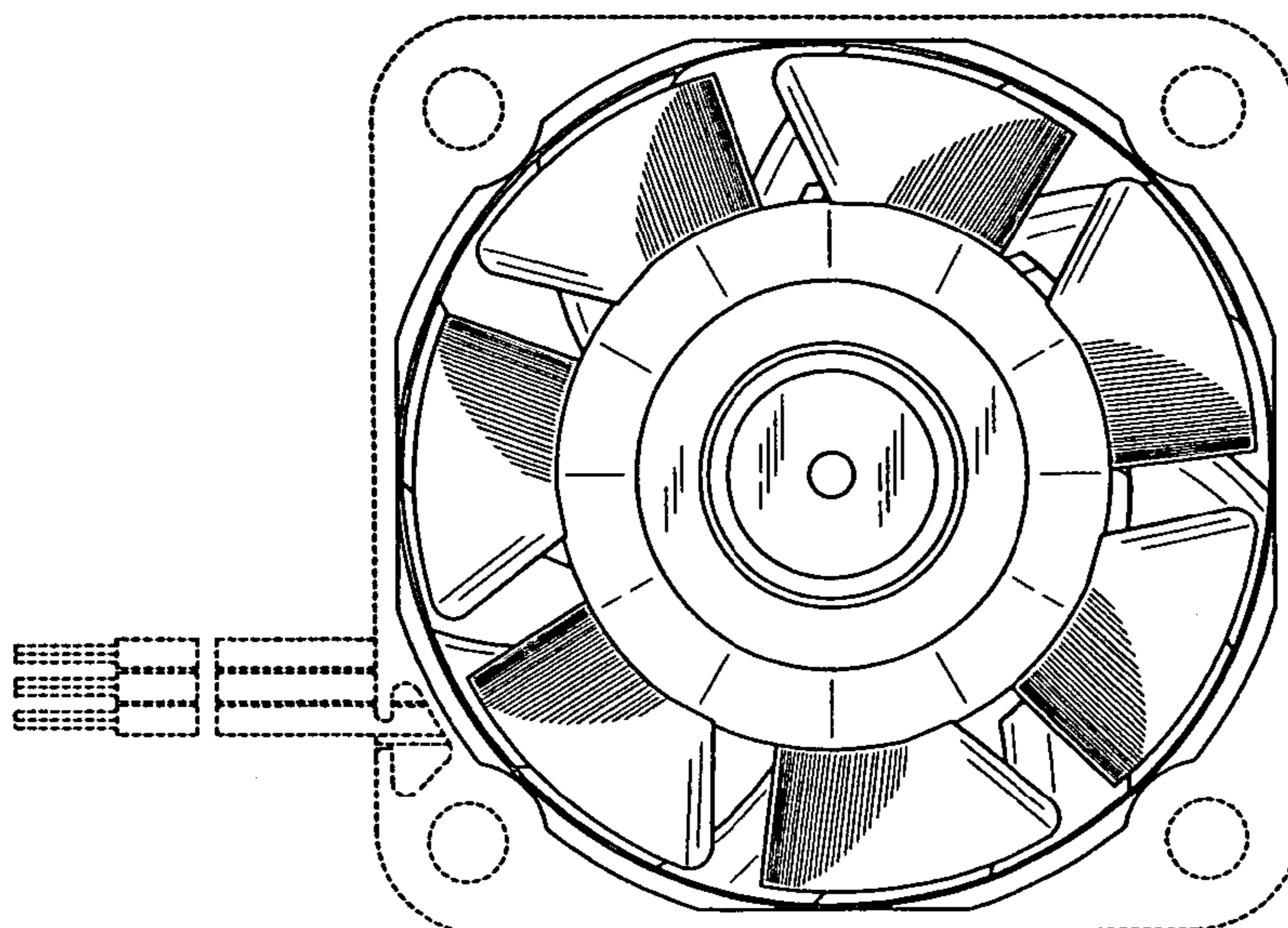


FIG.3

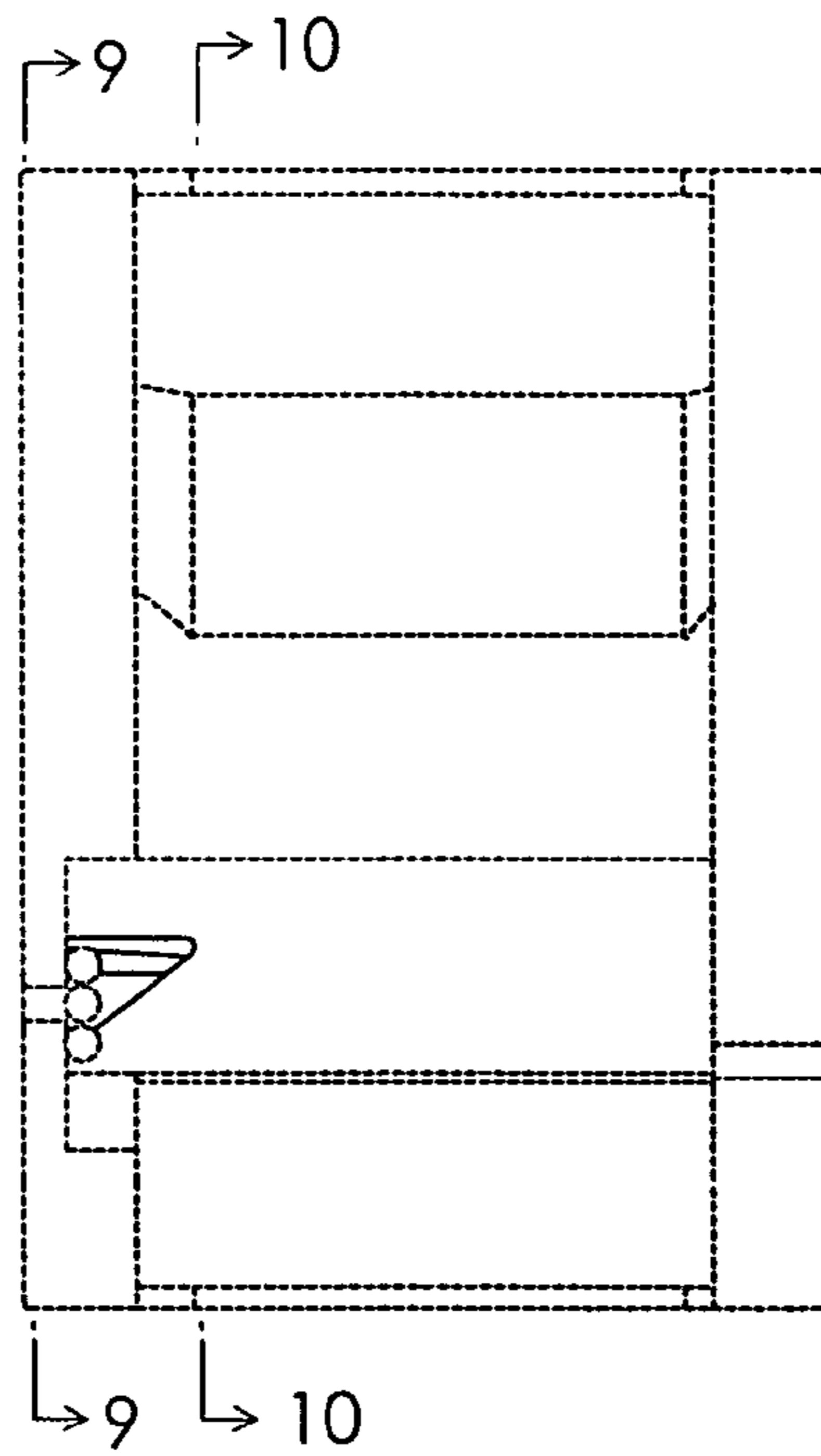


FIG.4

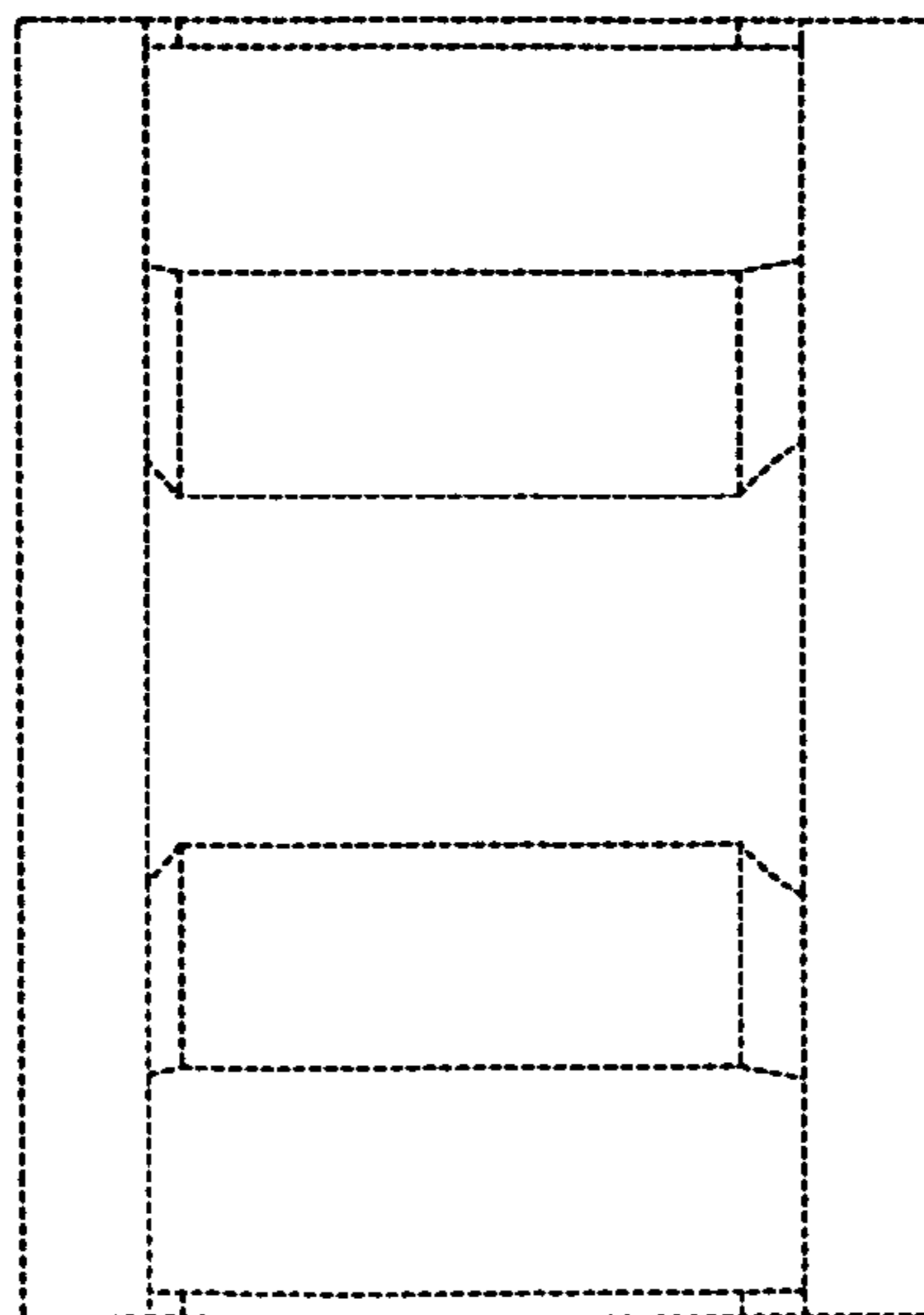


FIG.5

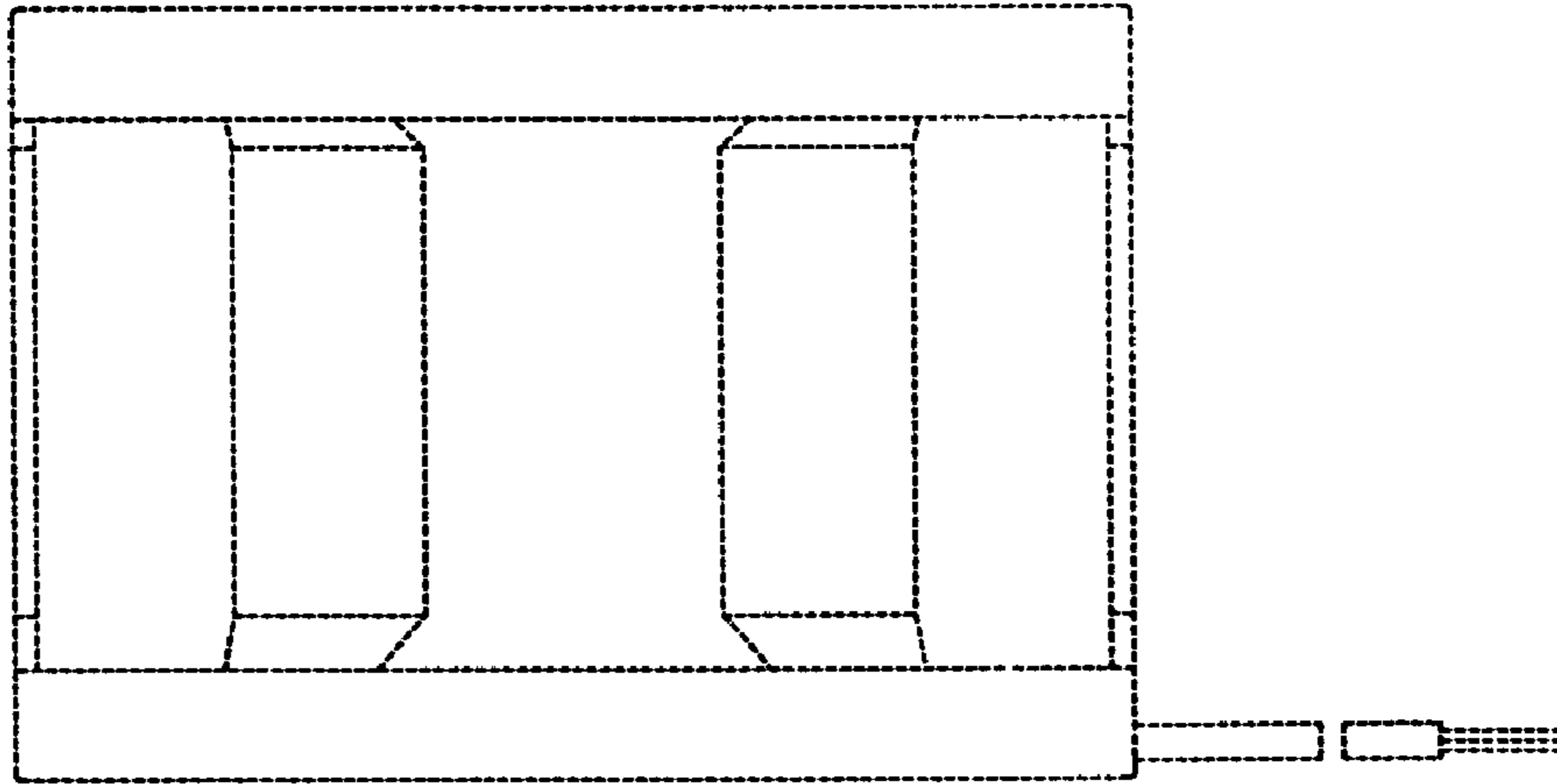


FIG.6

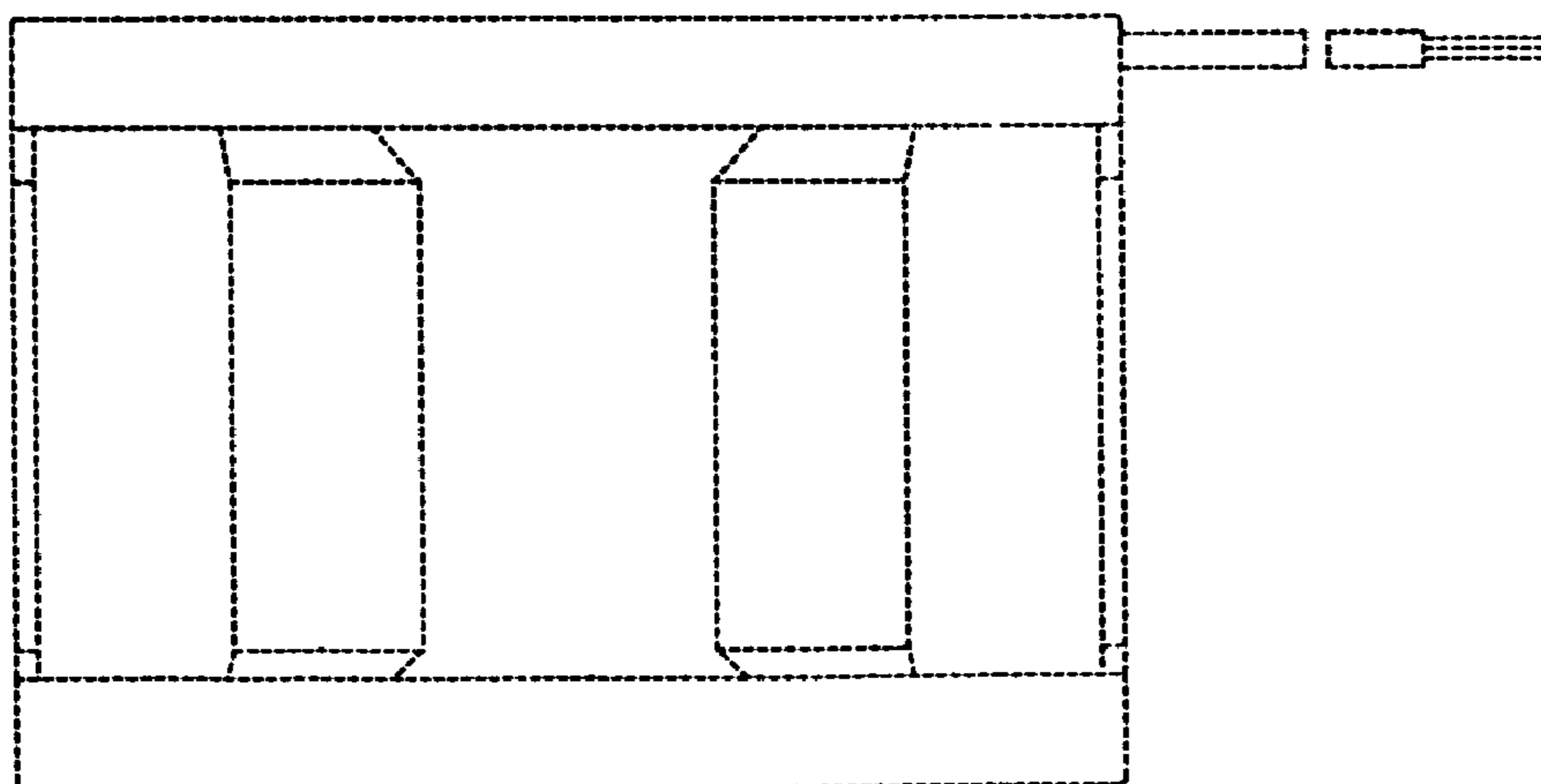


FIG.7

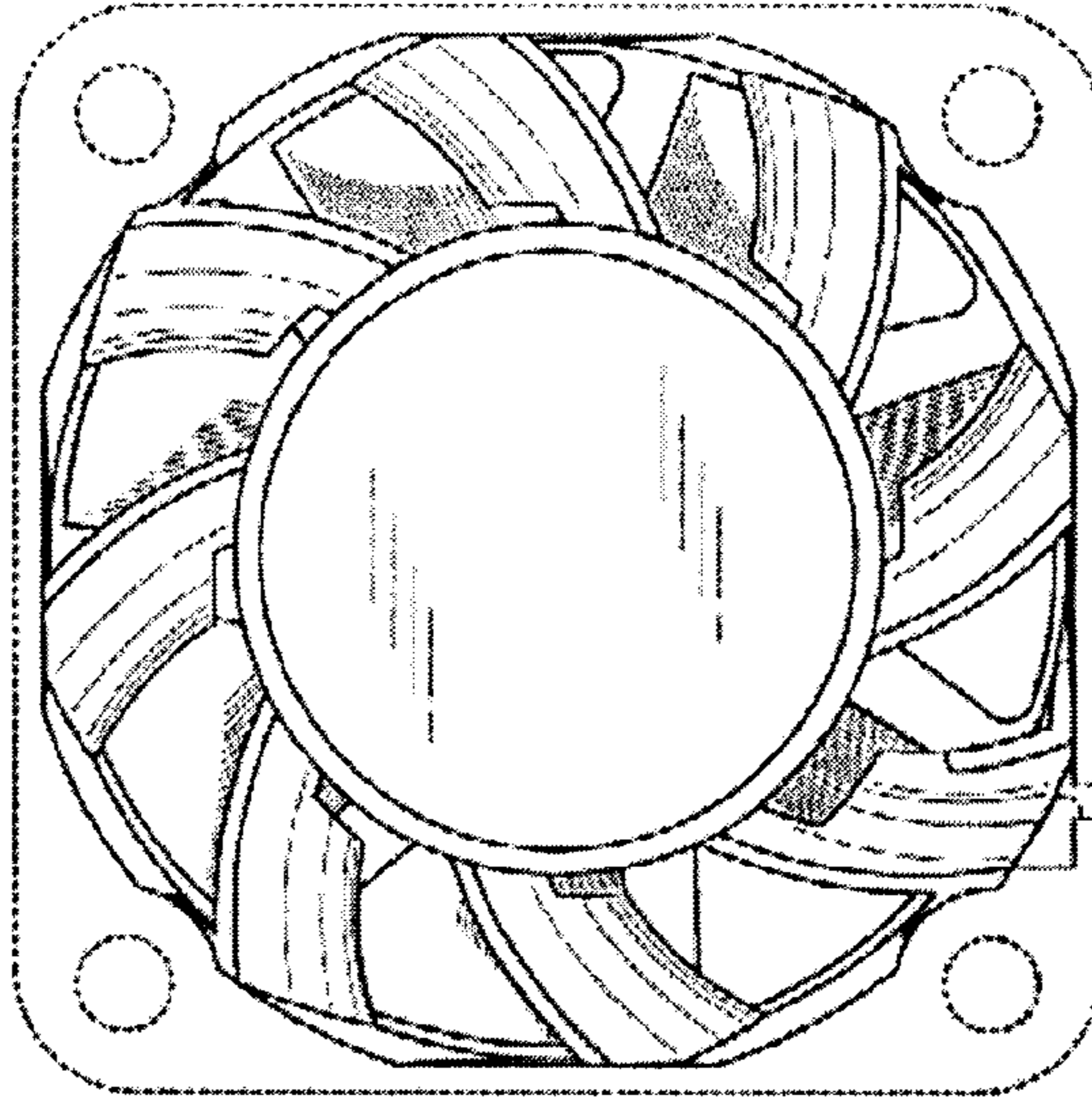


FIG.8

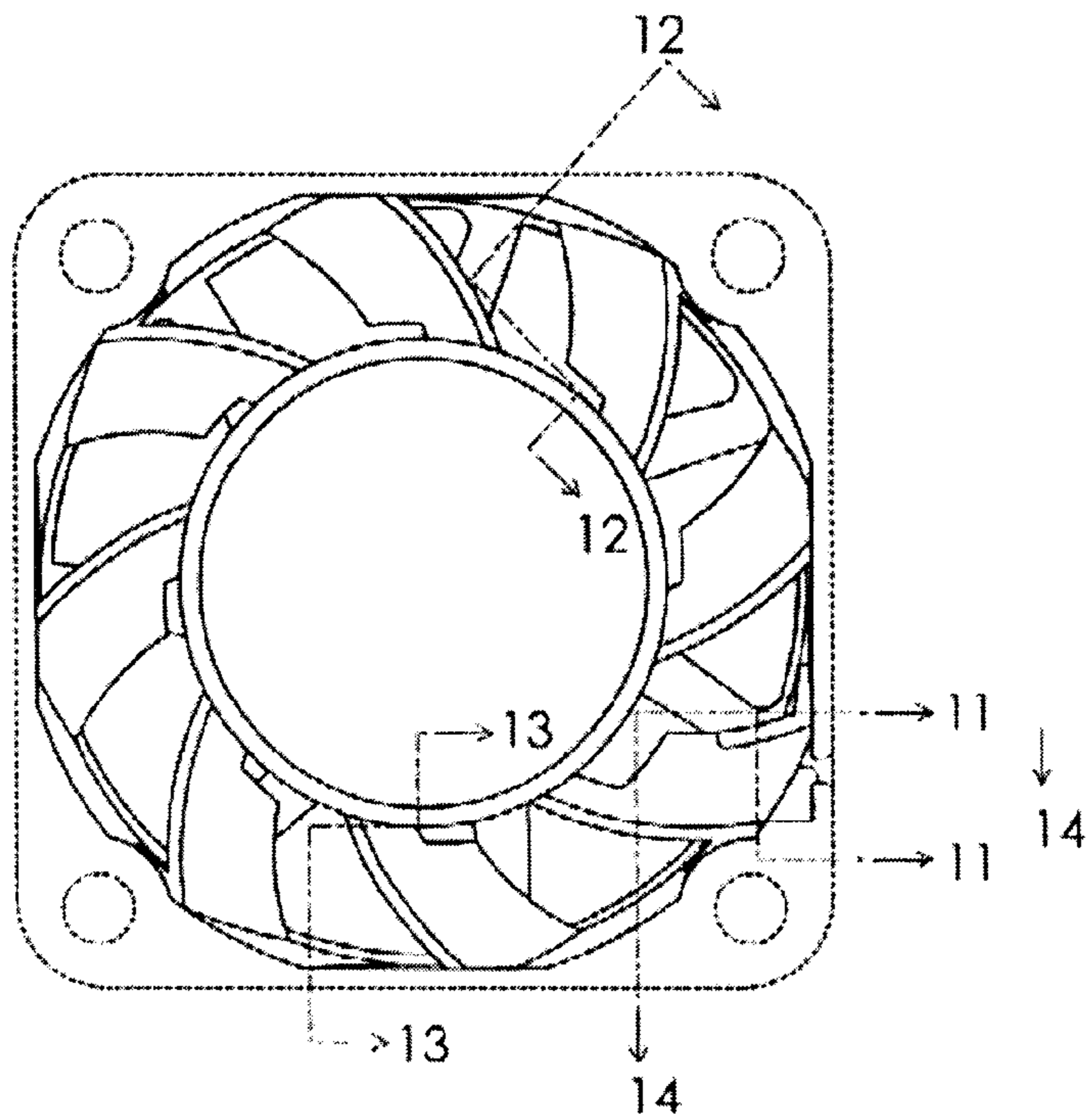


FIG.9

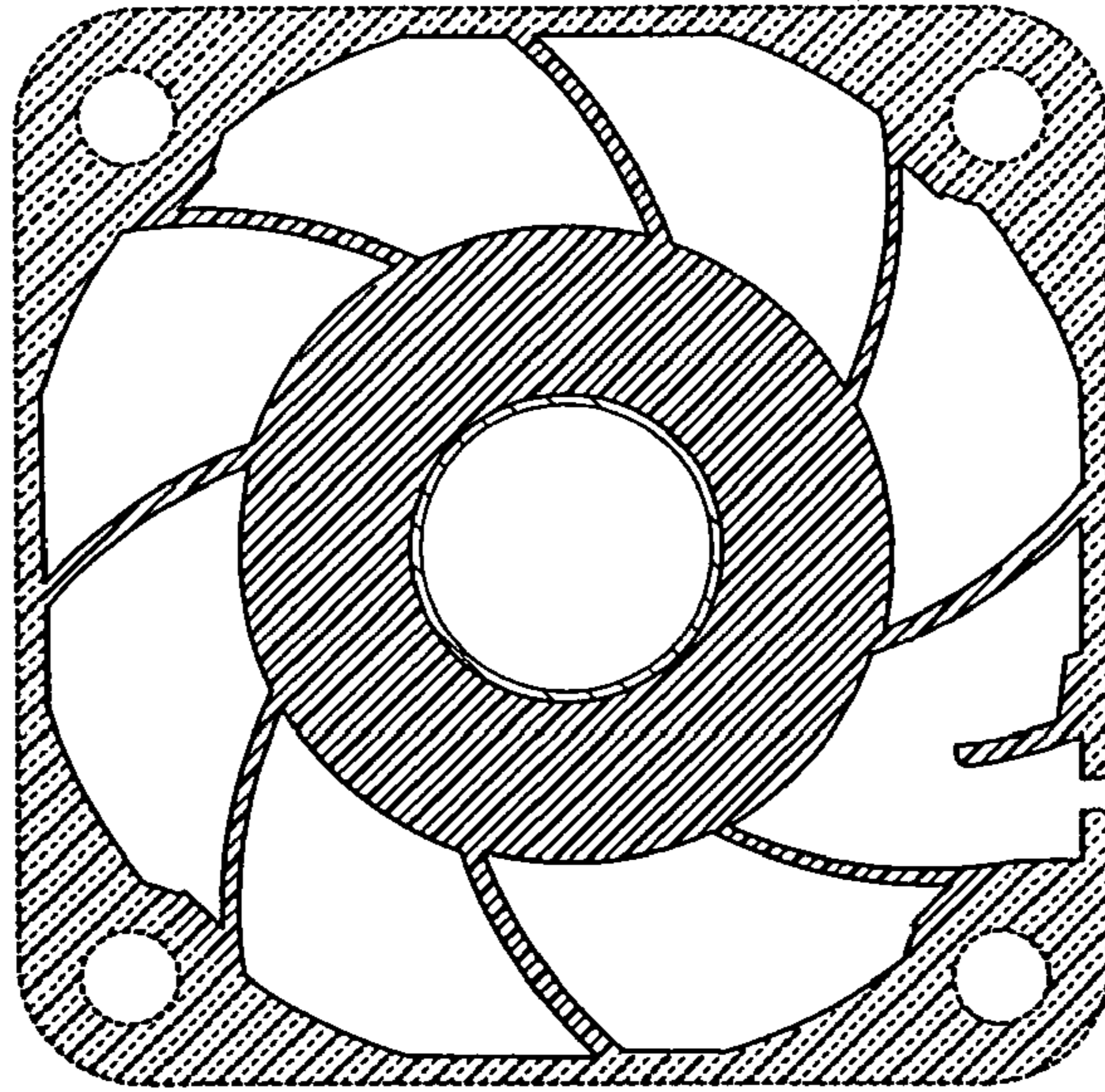


FIG.10

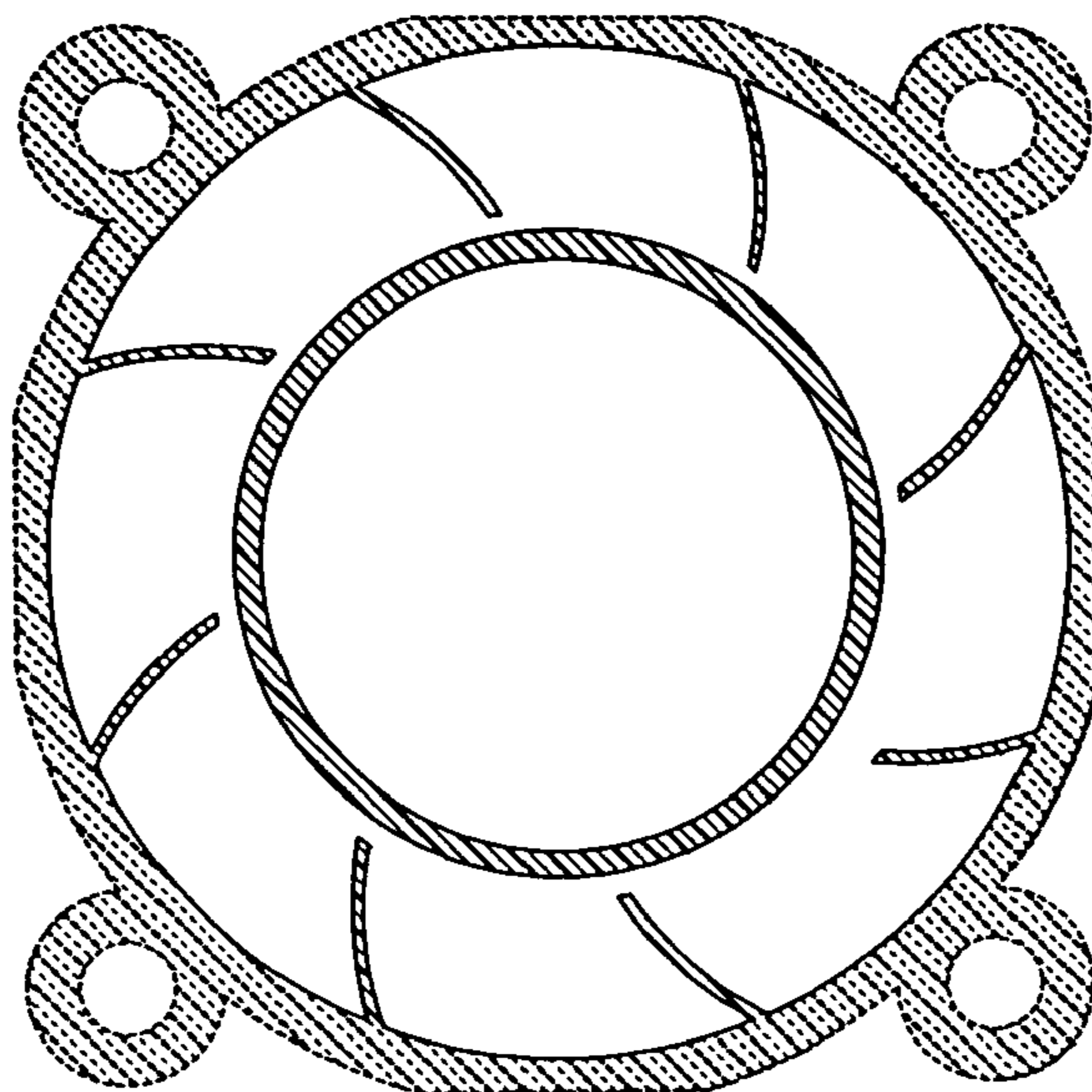


FIG. 11



FIG. 12

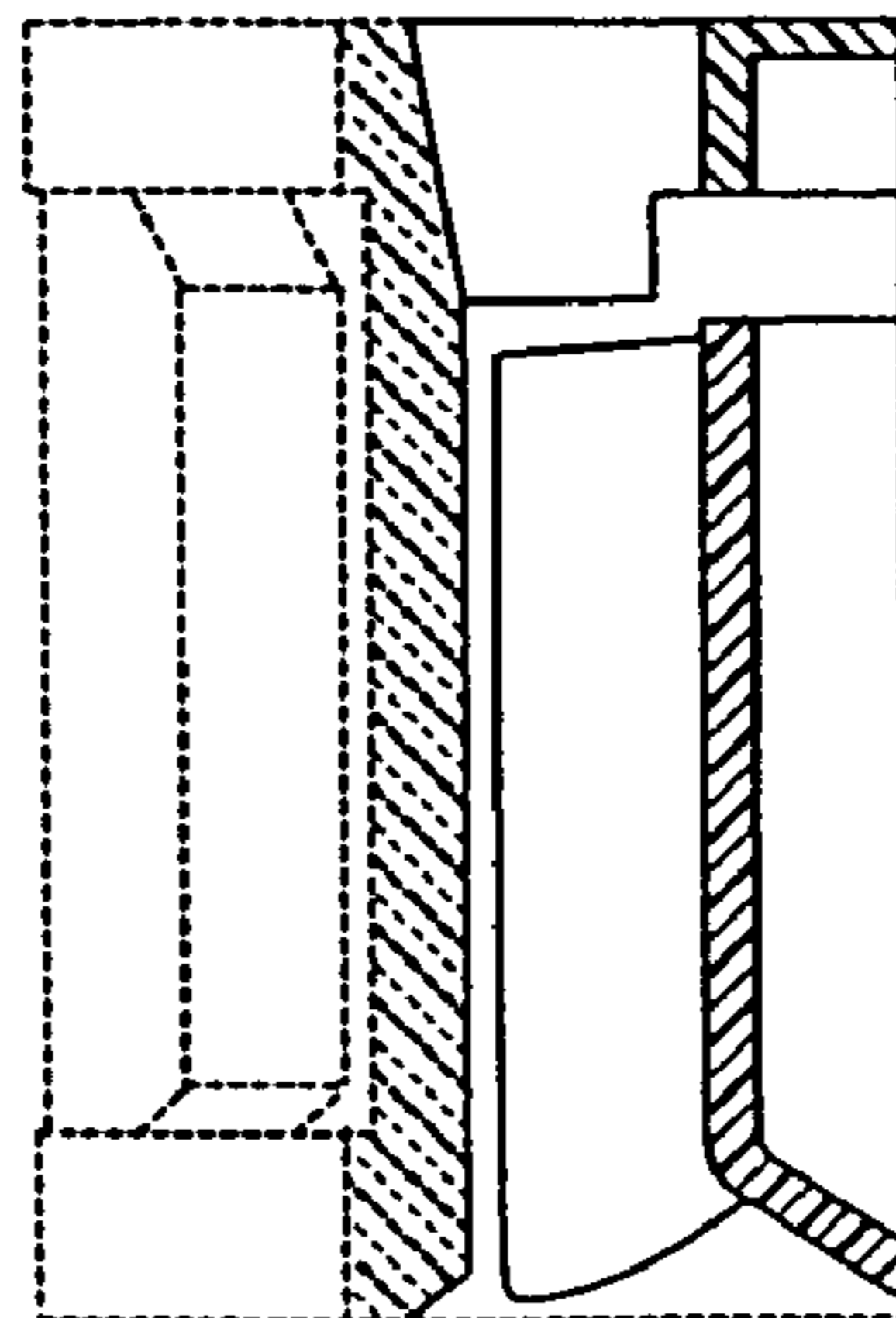


FIG.13

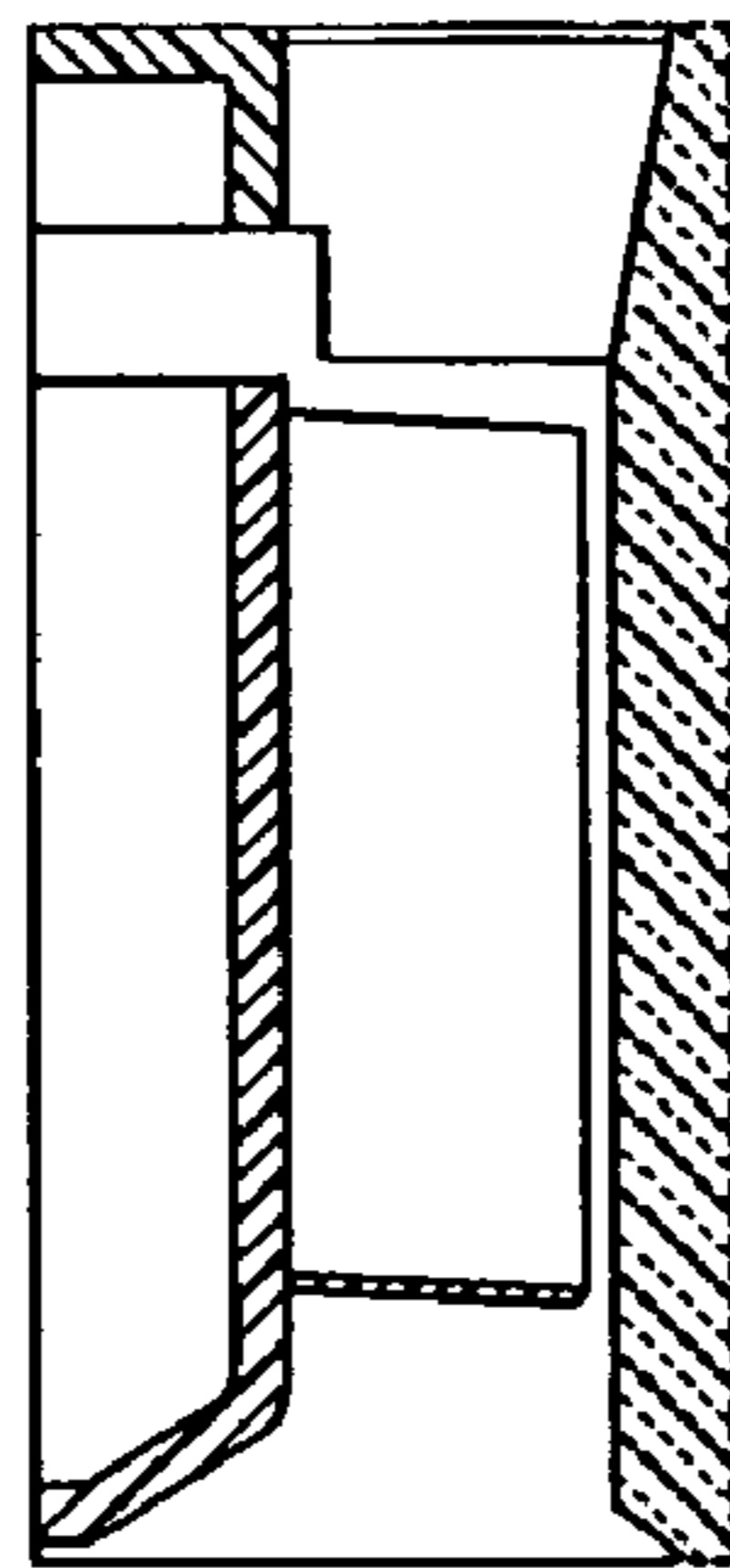


FIG.14

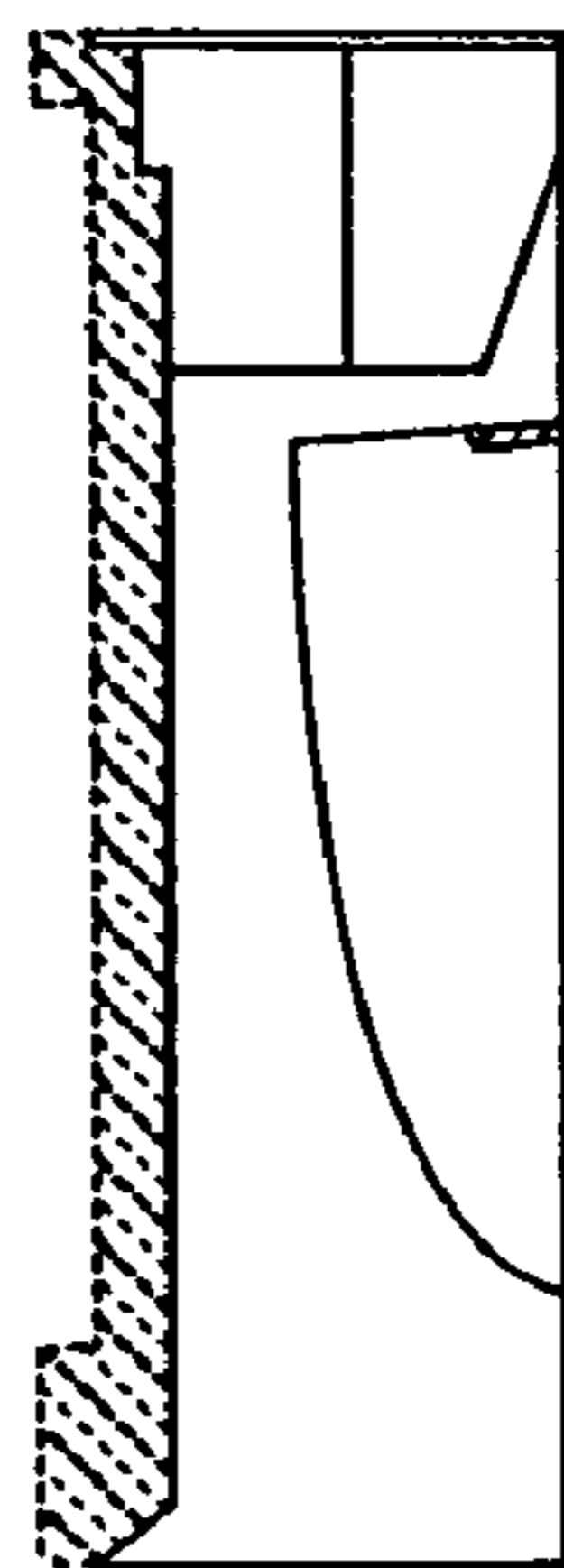


FIG.15

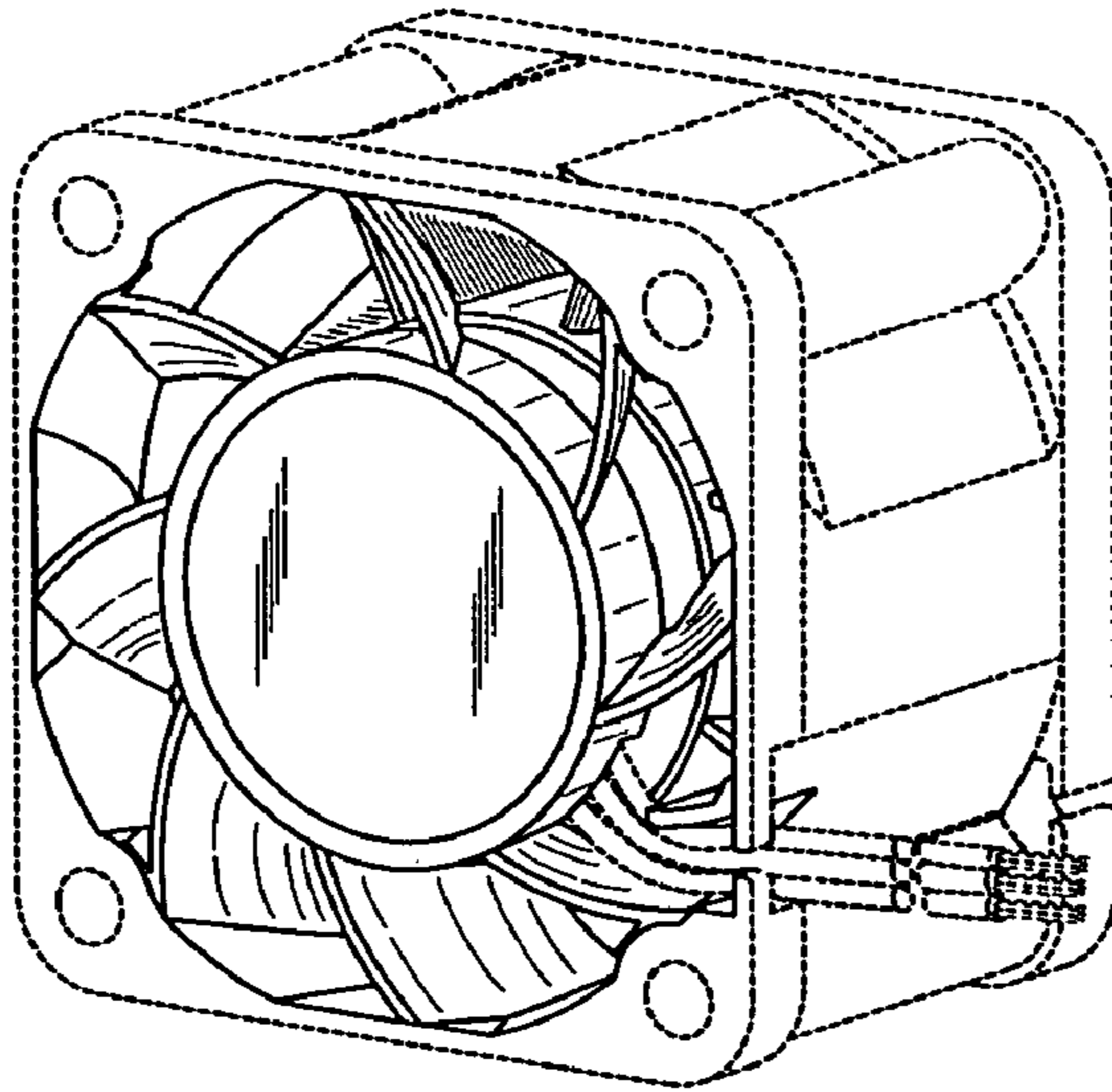


FIG.16

