



US00D561323S

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

(10) **Patent No.:** **US D561,323 S**

(45) **Date of Patent:** **\*\* Feb. 5, 2008**

(54) **CENTRIFUGAL BLOWER FAN**

6,884,033 B2 \* 4/2005 Liao ..... 415/206  
D539,408 S \* 3/2007 Wu et al. .... D23/370

(75) Inventor: **Seiji Shirahama**, Kasugai (JP)

\* cited by examiner

(73) Assignee: **Matsushita Electric Industrial Co., Ltd.**, Osaka (JP)

*Primary Examiner*—Lisa Lichtenstein  
(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

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

(21) Appl. No.: **29/271,676**

(57) **CLAIM**

(22) Filed: **Jan. 24, 2007**

I claim the ornamental design for a centrifugal blower fan, as shown and described.

(30) **Foreign Application Priority Data**

Oct. 20, 2006 (JP) ..... 2006-028537

**DESCRIPTION**

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

FIG. 1 is a front perspective view of a centrifugal blower fan of the present invention;

(52) **U.S. Cl.** ..... **D23/370**

FIG. 2 is a front view thereof;

(58) **Field of Classification Search** ..... D23/370,  
D23/383; 415/206, 208.1

FIG. 3 is a top view thereof;

See application file for complete search history.

FIG. 4 is a first side view thereof;

FIG. 5 is a second side view thereof;

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,932,445 A \* 4/1960 Hathaway ..... 416/184  
D234,203 S \* 1/1975 Wrobel ..... D23/383  
6,042,335 A \* 3/2000 Amr ..... 415/208.1  
D453,827 S 2/2002 Kuo et al.  
D486,568 S 2/2004 Chen et al.

FIG. 6 is a bottom view thereof;

FIG. 7 is a rear view thereof; and,

FIG. 8 is a cross-section view taken along the line 8—8 of FIG. 2.

**1 Claim, 5 Drawing Sheets**

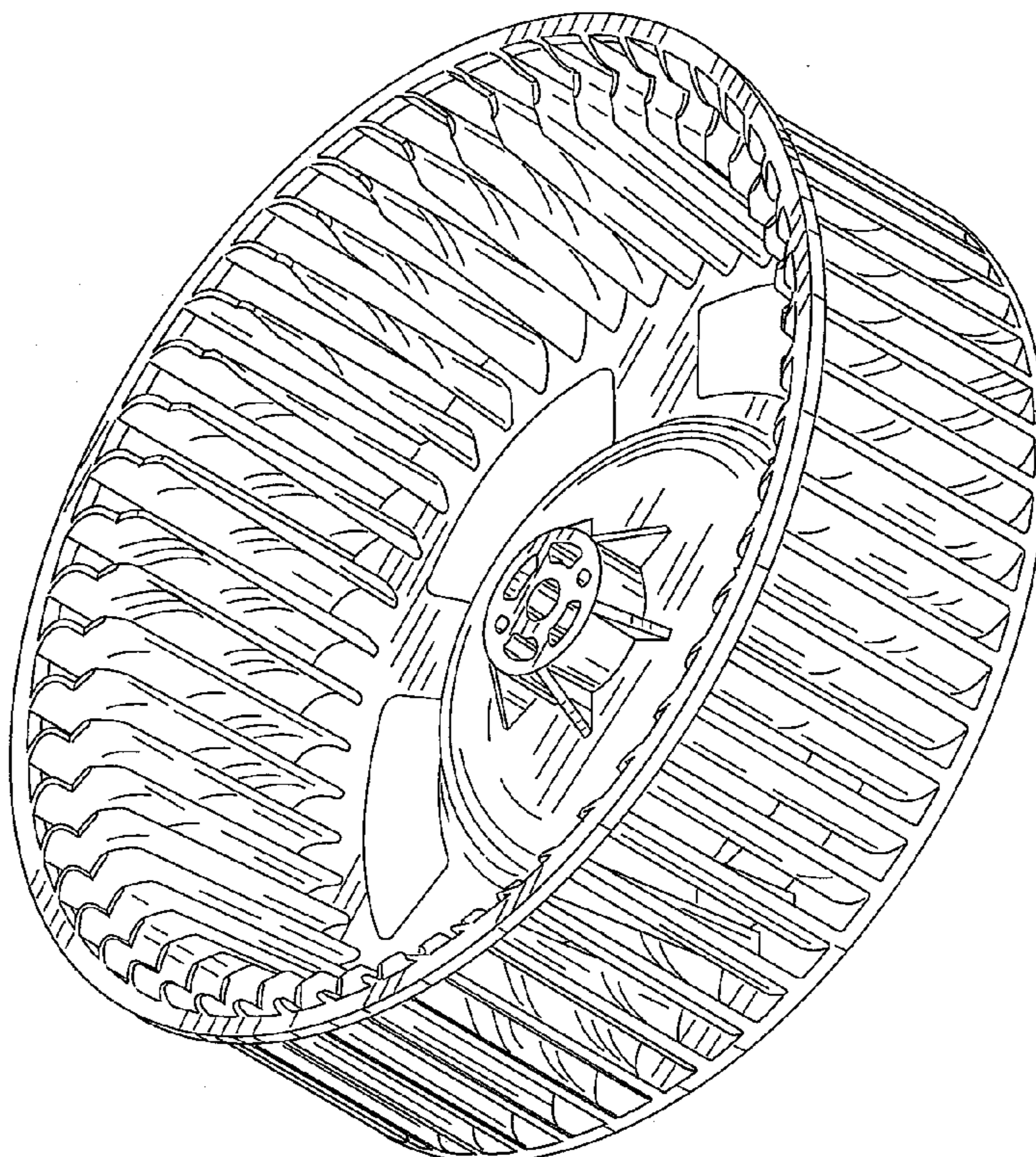


FIG. 1

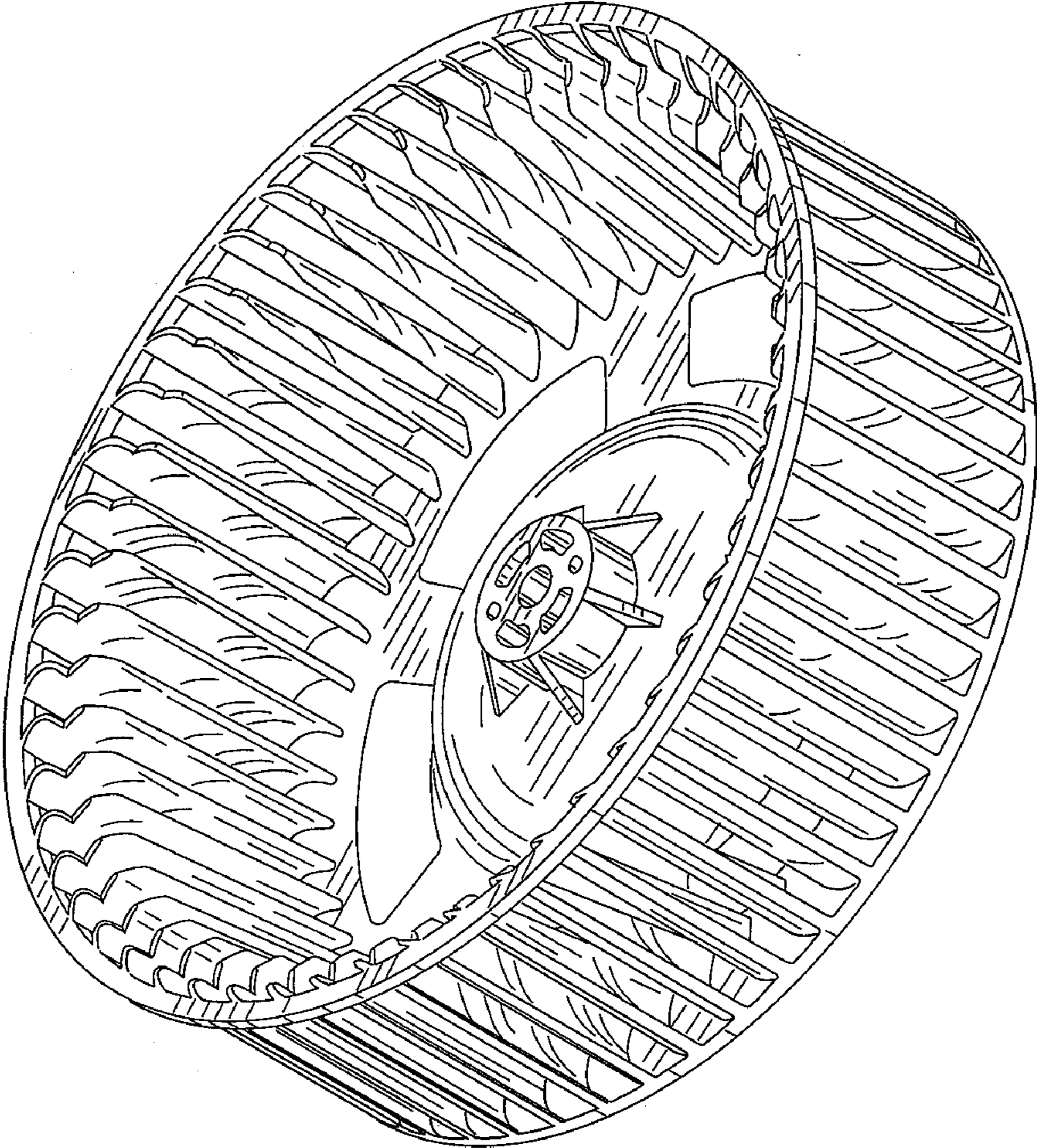


FIG.2

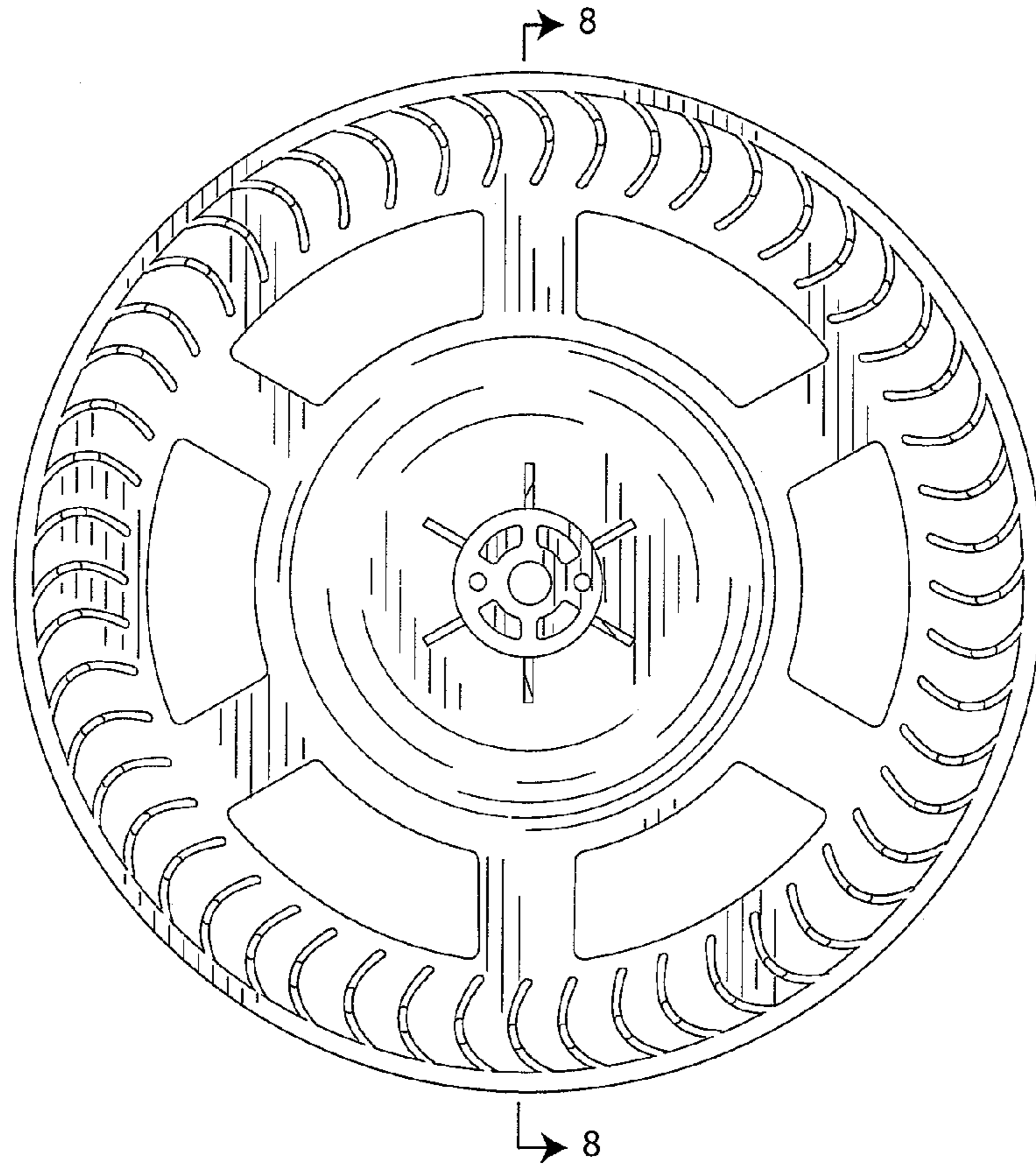


FIG.3

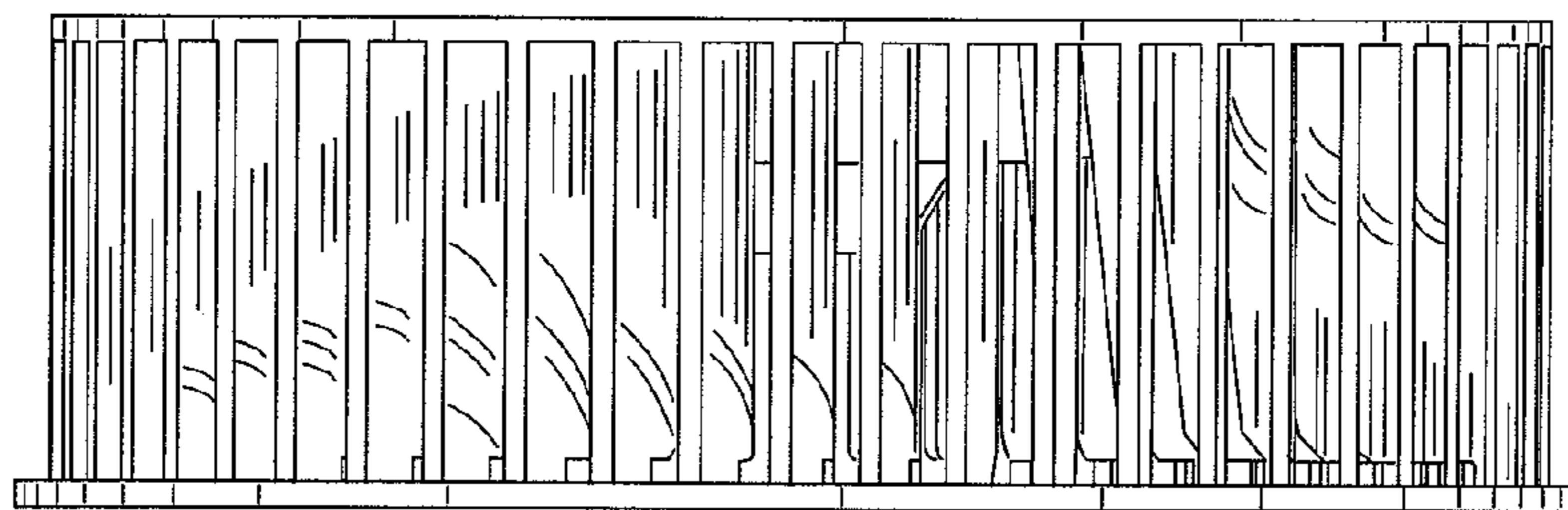


FIG.4

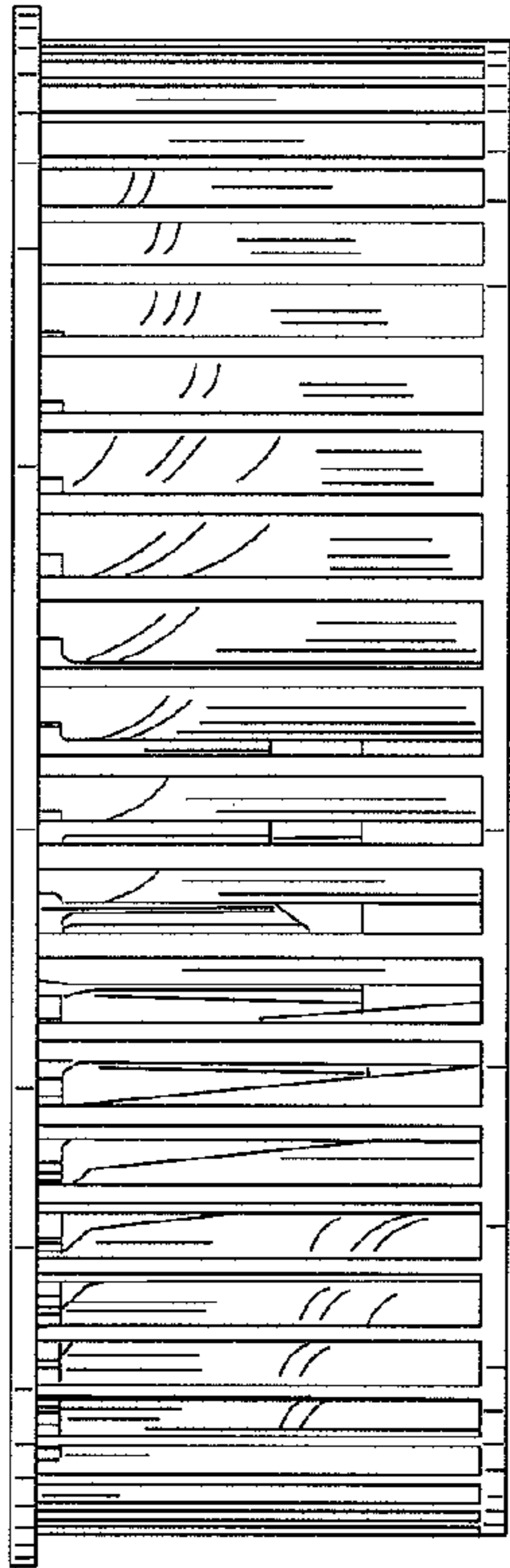


FIG.5

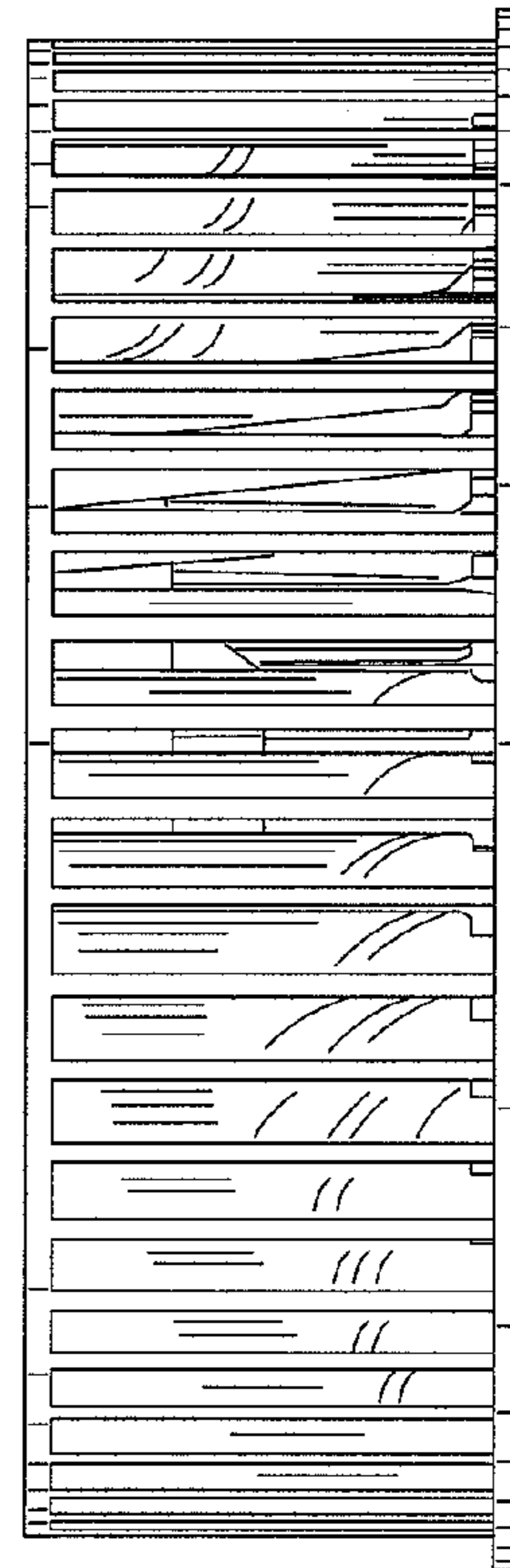


FIG.6

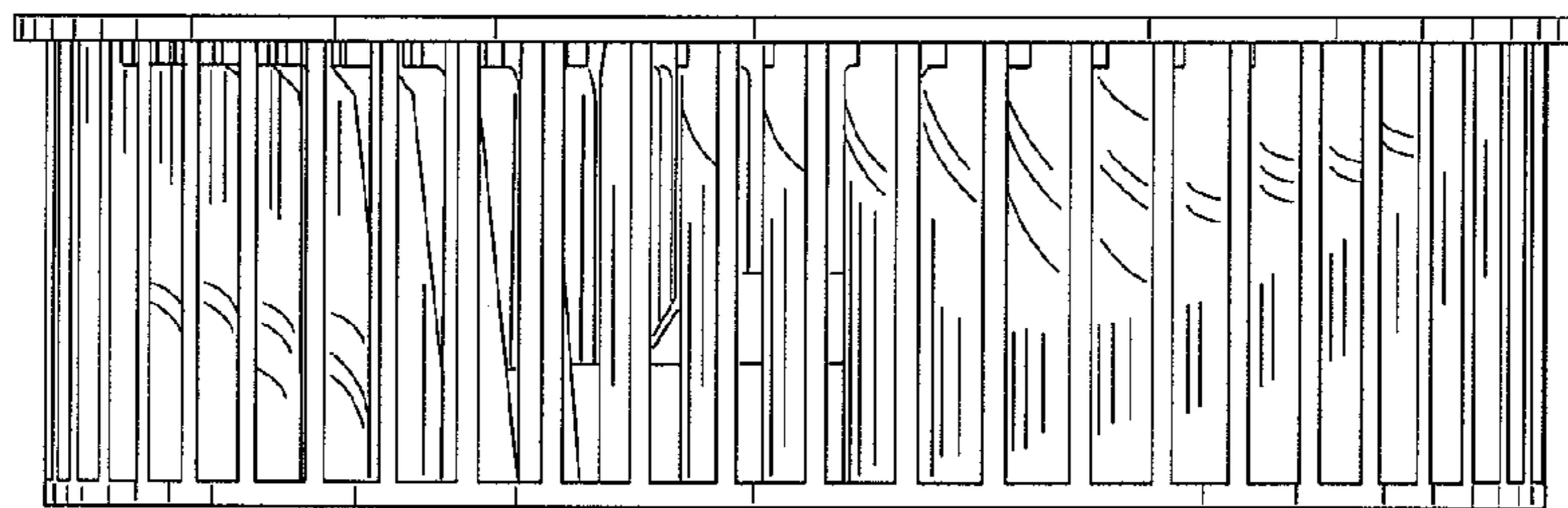


FIG.7

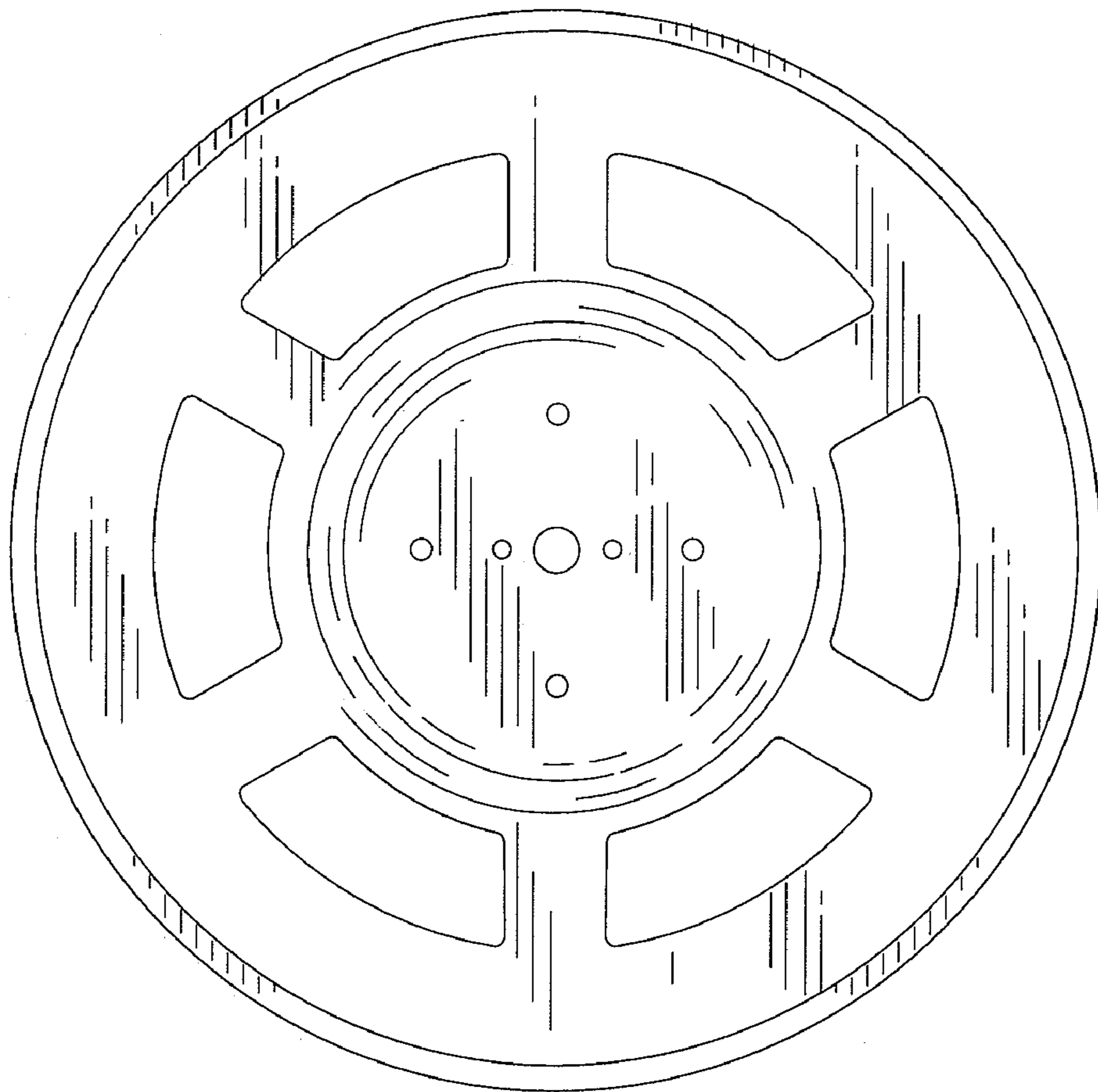


FIG. 8

