

US00D508560S

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

(10) **Patent No.: US D508,560 S**

(45) **Date of Patent: \*\* Aug. 16, 2005**

(54) **IMPELLER**

6,137,681 A \* 10/2000 Lu ..... 361/697  
6,579,064 B2 \* 6/2003 Hsieh ..... 416/182

(75) Inventors: **Yung-Yu Chiu**, Taoyuan (TW);  
**Shun-Chen Chang**, Taoyuan (TW);  
**Kuo-Cheng Lin**, Taoyuan (TW);  
**Wen-Shi Huang**, Taoyuan (TW)

\* cited by examiner

*Primary Examiner*—Lisa Lichtenstein  
(74) *Attorney, Agent, or Firm*—Birch, Stewart, Kolasch & Birch, LLP

(73) Assignee: **Delta Electronics Inc.**, Taoyuan Hsien (TW)

(57) **CLAIM**

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

The ornamental design for an impeller, as shown and described herein.

(21) Appl. No.: **29/188,488**

**DESCRIPTION**

(22) Filed: **Aug. 20, 2003**

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

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

FIG. 2 is a right side view thereof;

(52) **U.S. Cl.** ..... **D23/379**

FIG. 3 is a top view thereof;

(58) **Field of Search** ..... D23/370, 379,  
D23/413, 411, 377; D12/214; 416/223 R

FIG. 4 is a front view thereof;

FIG. 5 is a bottom view thereof;

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

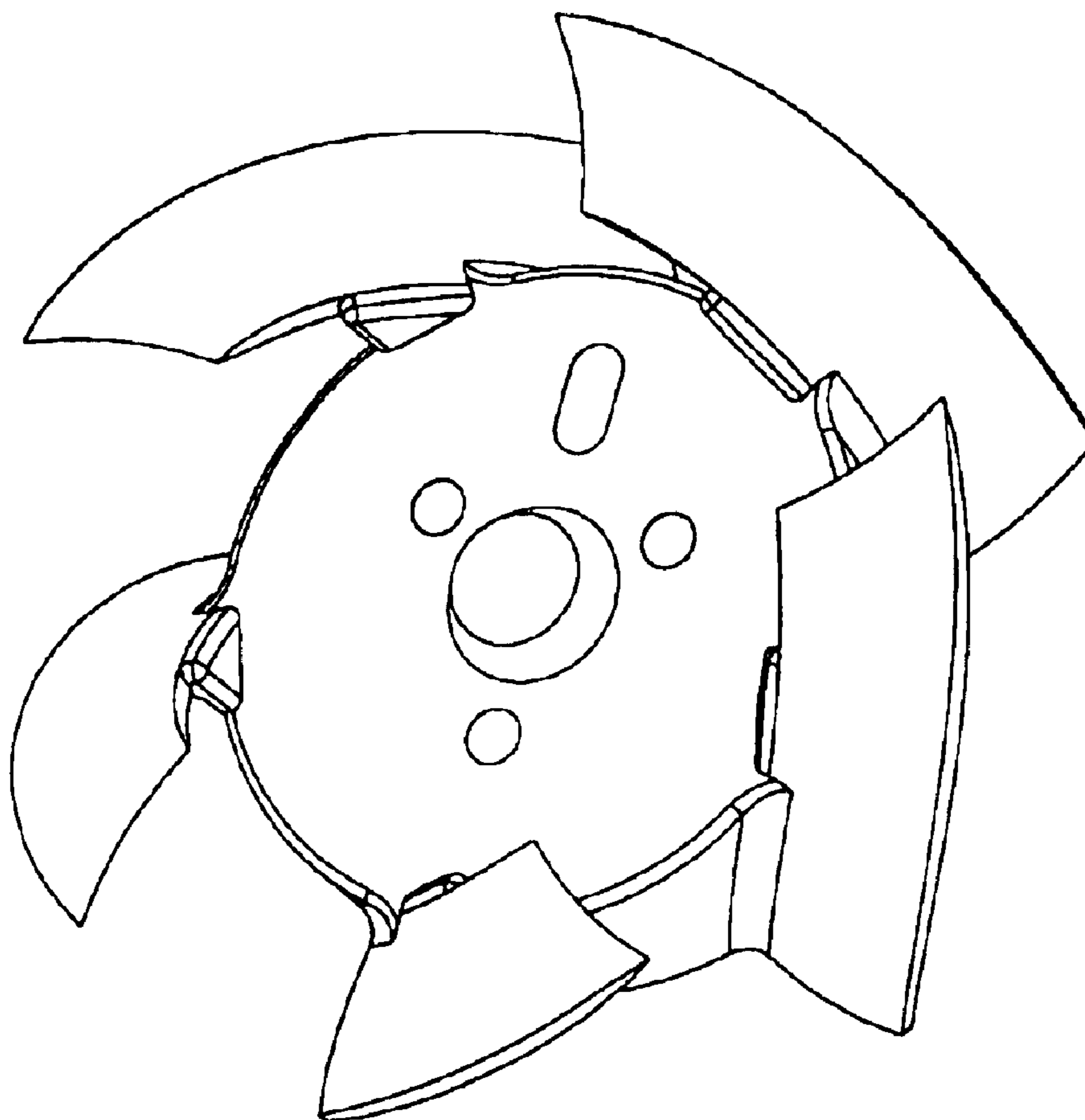
FIG. 7 is a rear view thereof.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D366,935 S \* 2/1996 Arthun et al. .... D23/411

**1 Claim, 5 Drawing Sheets**



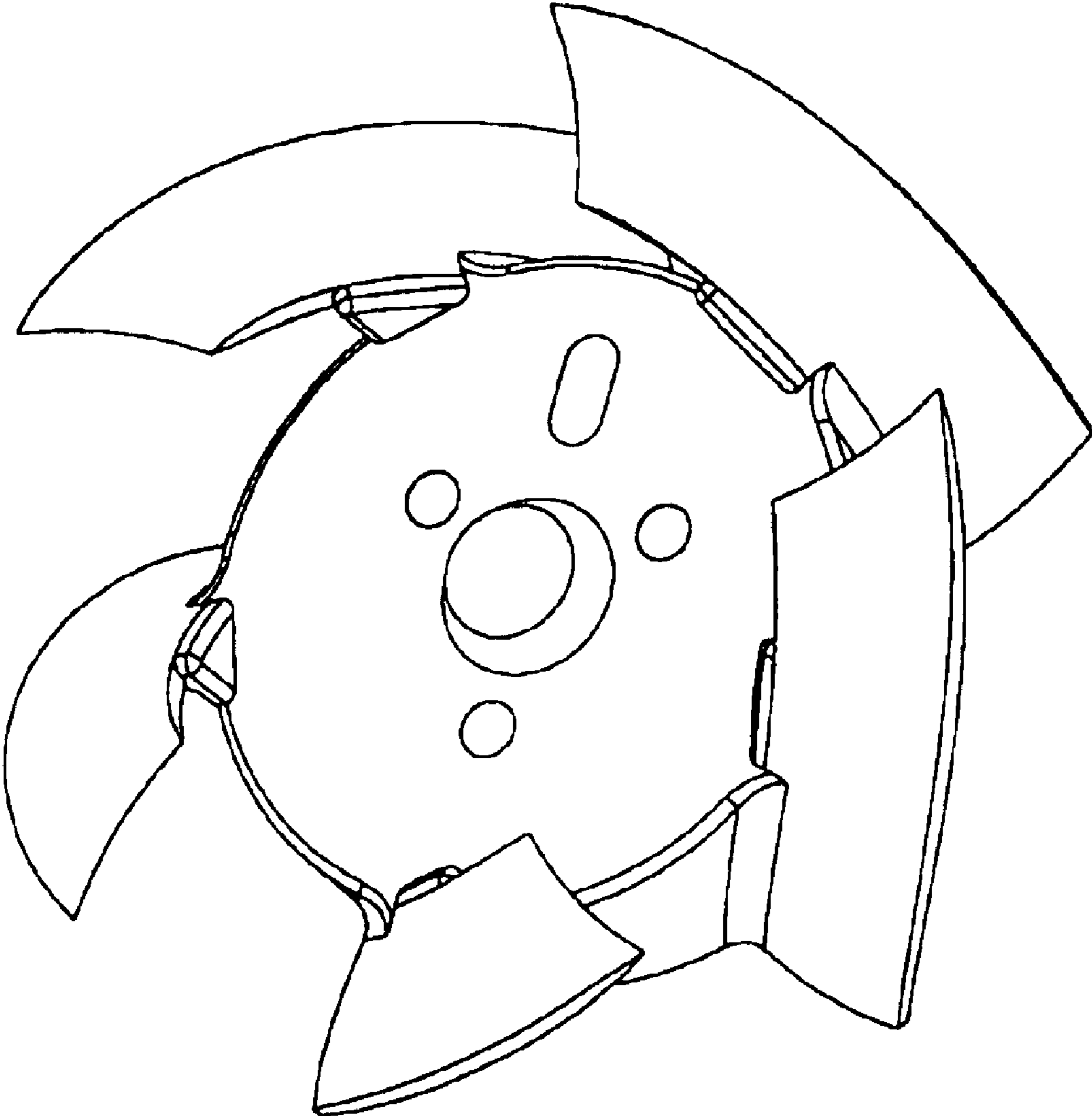


Fig. 1

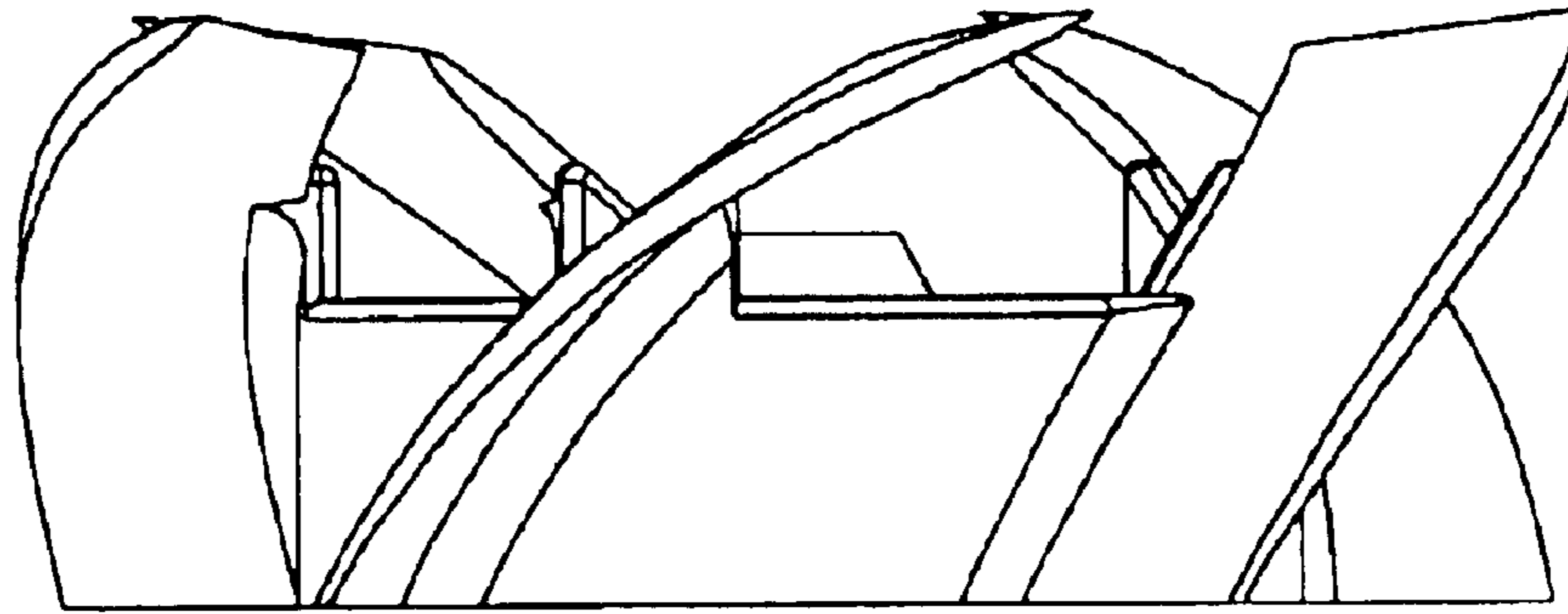


Fig. 2

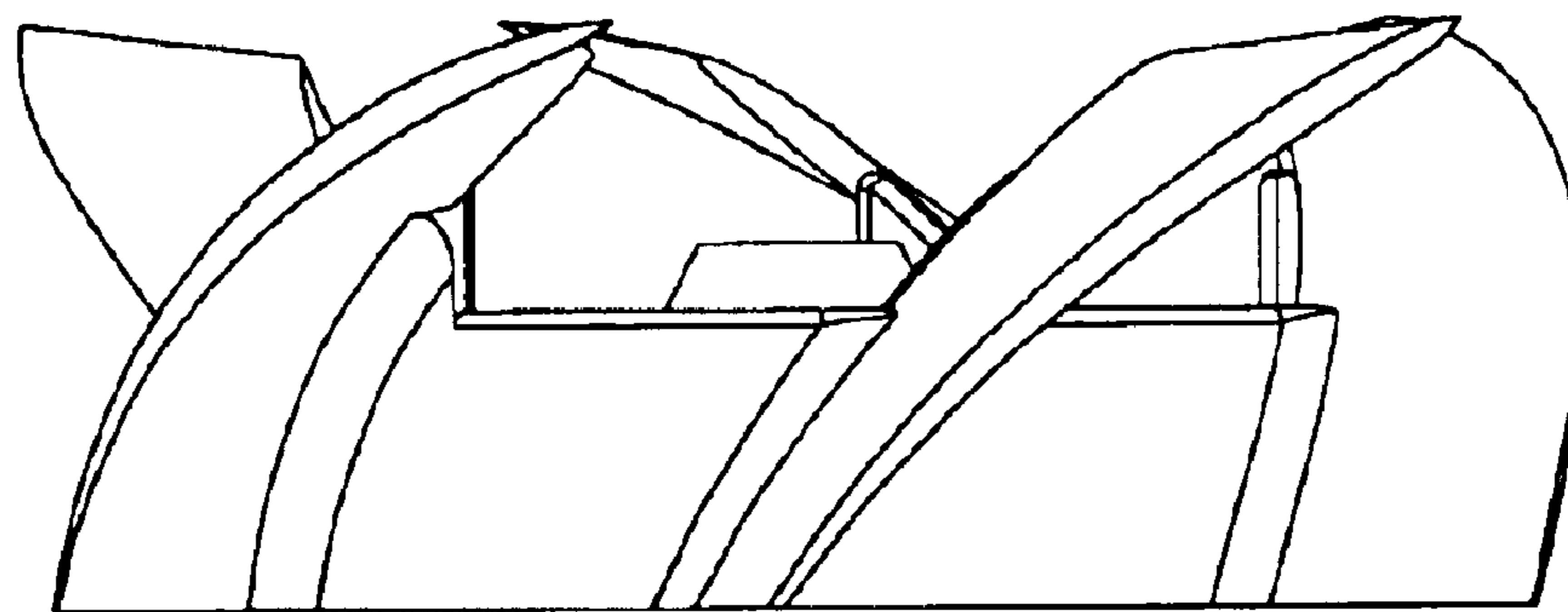


Fig. 6

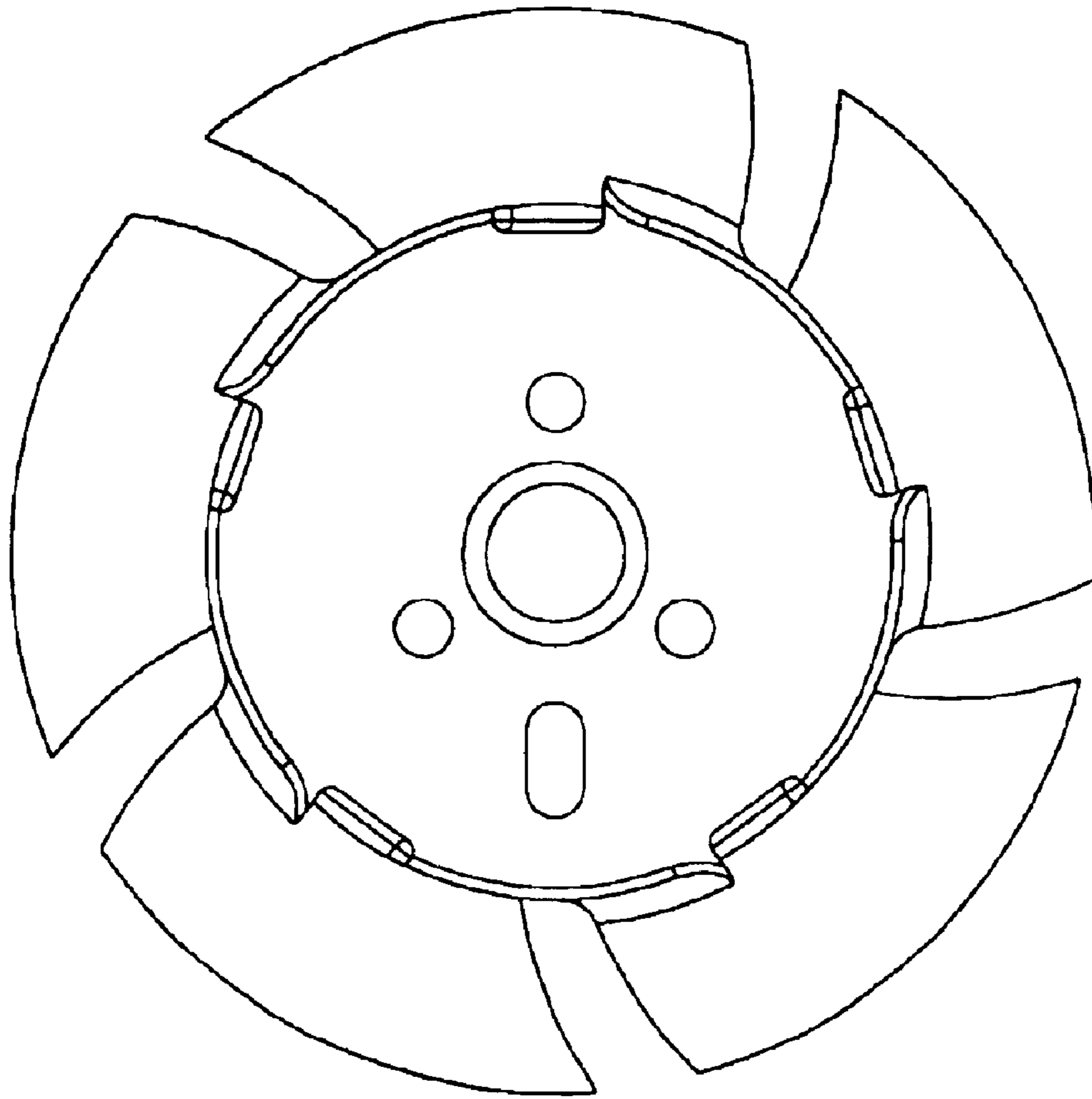


Fig. 3

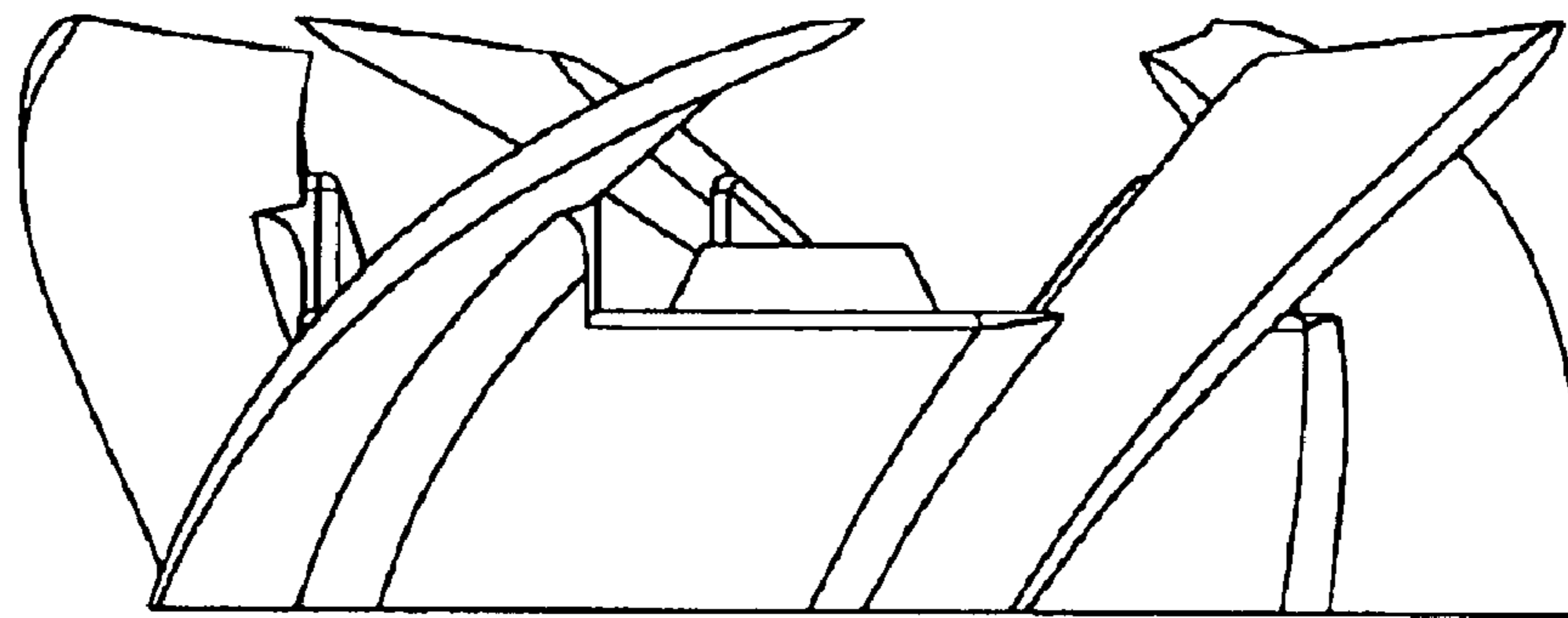


Fig. 4

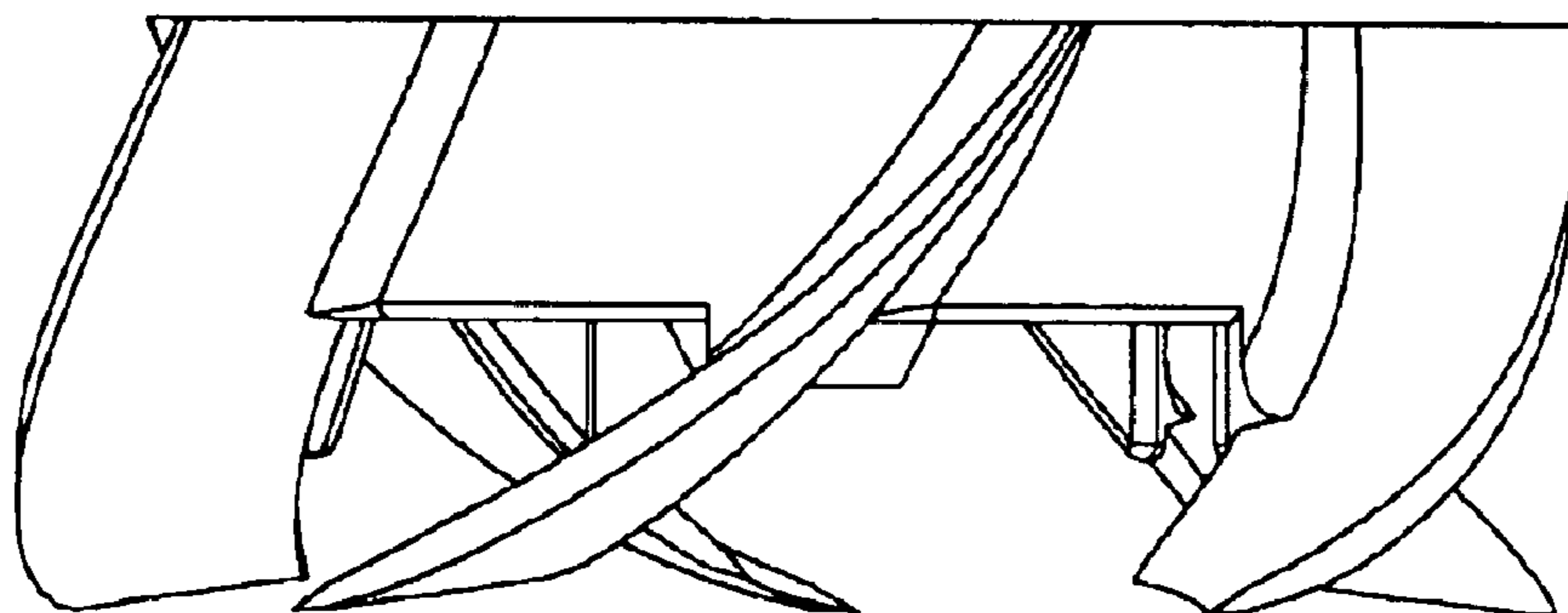


Fig. 7

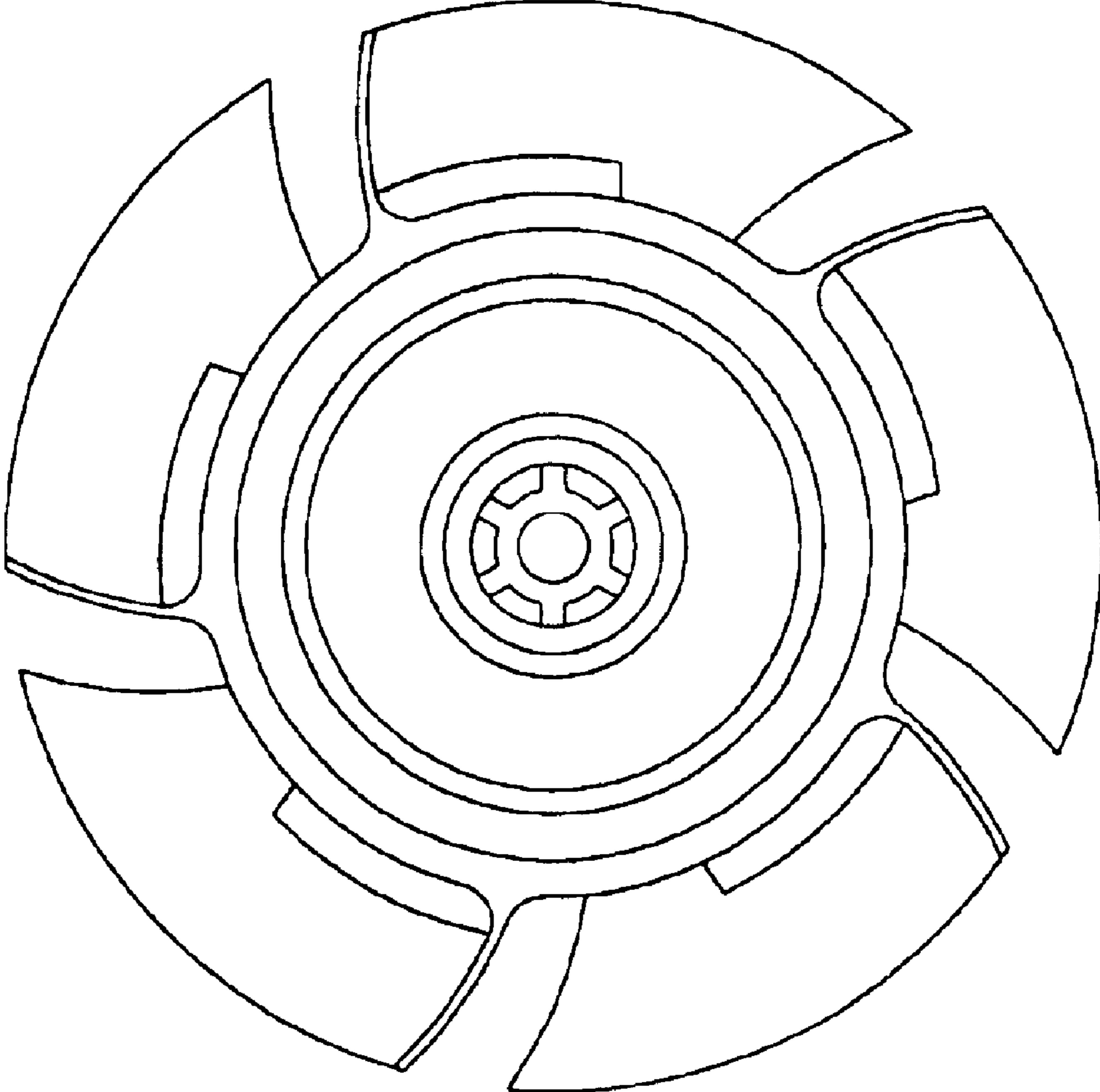


Fig. 5