



US00D437411S

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

(10) **Patent No.:** **US D437,411 S**

(45) **Date of Patent:** **\*\* Feb. 6, 2001**

(54) **EIGHT VANE GEAR SHAPED CROWN FOR  
A SOLID-PHASE REACTION SUPPORT PIN**

(75) **Inventors:** **N. Joe Maeji; Firas Abdul-Majid  
Rasoul**, both of Victoria; **Mark  
Johnson; Nathan Pollock**, both of  
Melbourne, all of (AU)

(73) **Assignee:** **MitoKor**, San Diego, CA (US)

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

(21) **Appl. No.:** **29/098,921**

(22) **Filed:** **Jan. 8, 1999**

(51) **LOC (7) Cl.** ..... **24-01**

(52) **U.S. Cl.** ..... **D24/130; D24/127**

(58) **Field of Search** ..... **D15/199; D24/127,  
D24/130; 428/364; 427/333, 340, 385.5;  
356/317, 25.31, 25.3; 250/459.1, 458.1;  
436/518, 527, 528, 807; 435/7.92, 7.94,  
7.95, 961, 968, 973**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D. 389,572 \* 1/1998 Bray ..... D24/130

\* cited by examiner

*Primary Examiner*—Antoine Duval Davis

(74) *Attorney, Agent, or Firm*—Susan D. Betcher; Seed IP  
Law Group PLLC

(57) **CLAIM**

The ornamental design for an eight vane gear shaped crown  
for a solid-phase reaction support pin, as shown and  
described.

**DESCRIPTION**

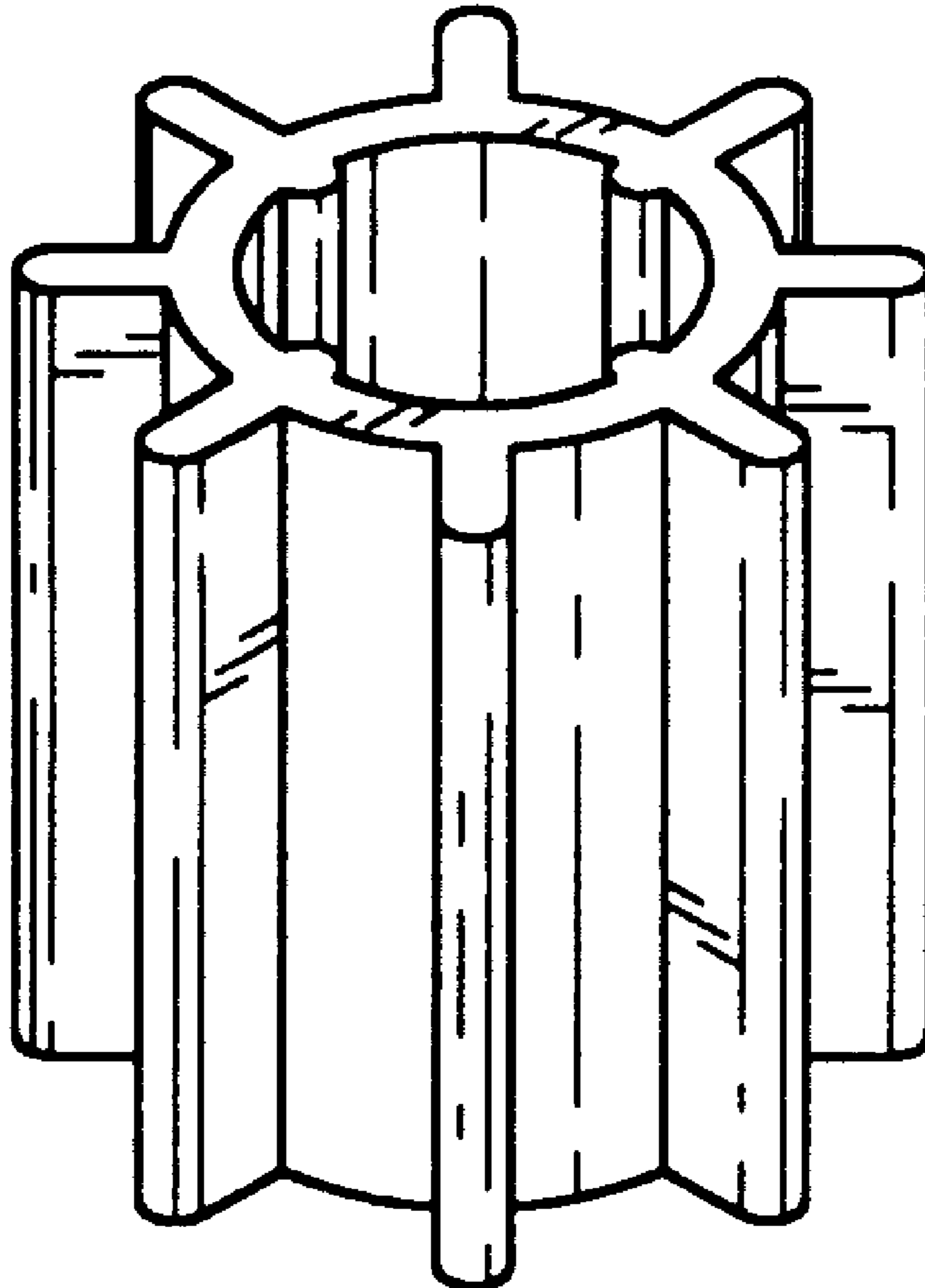
FIG. 1 is a perspective view of an eight vane gear shaped  
crown for a solid-phase reaction support pin showing my  
new design.

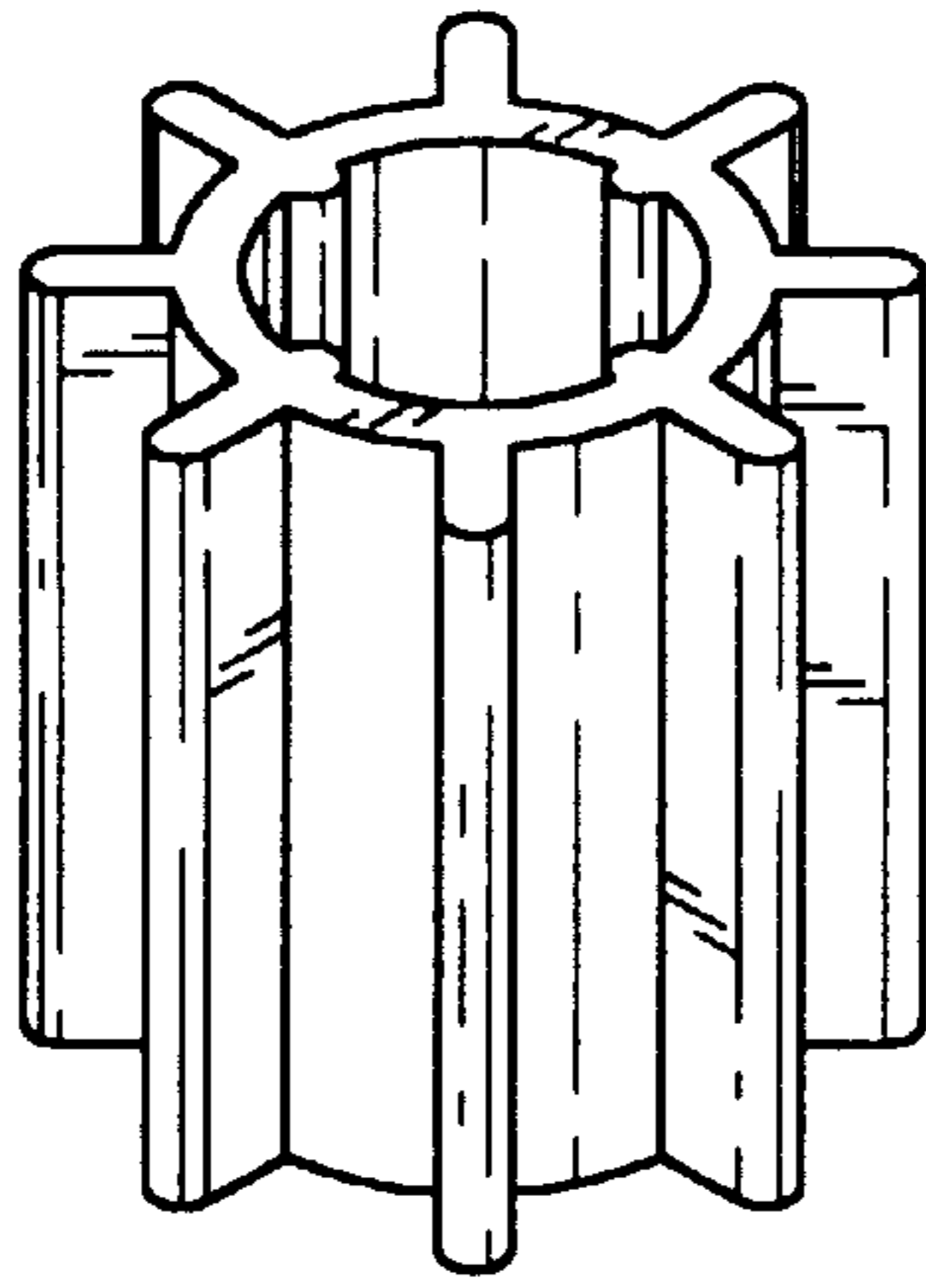
FIG. 2 is a top view.

FIG. 3 is a side view; and,

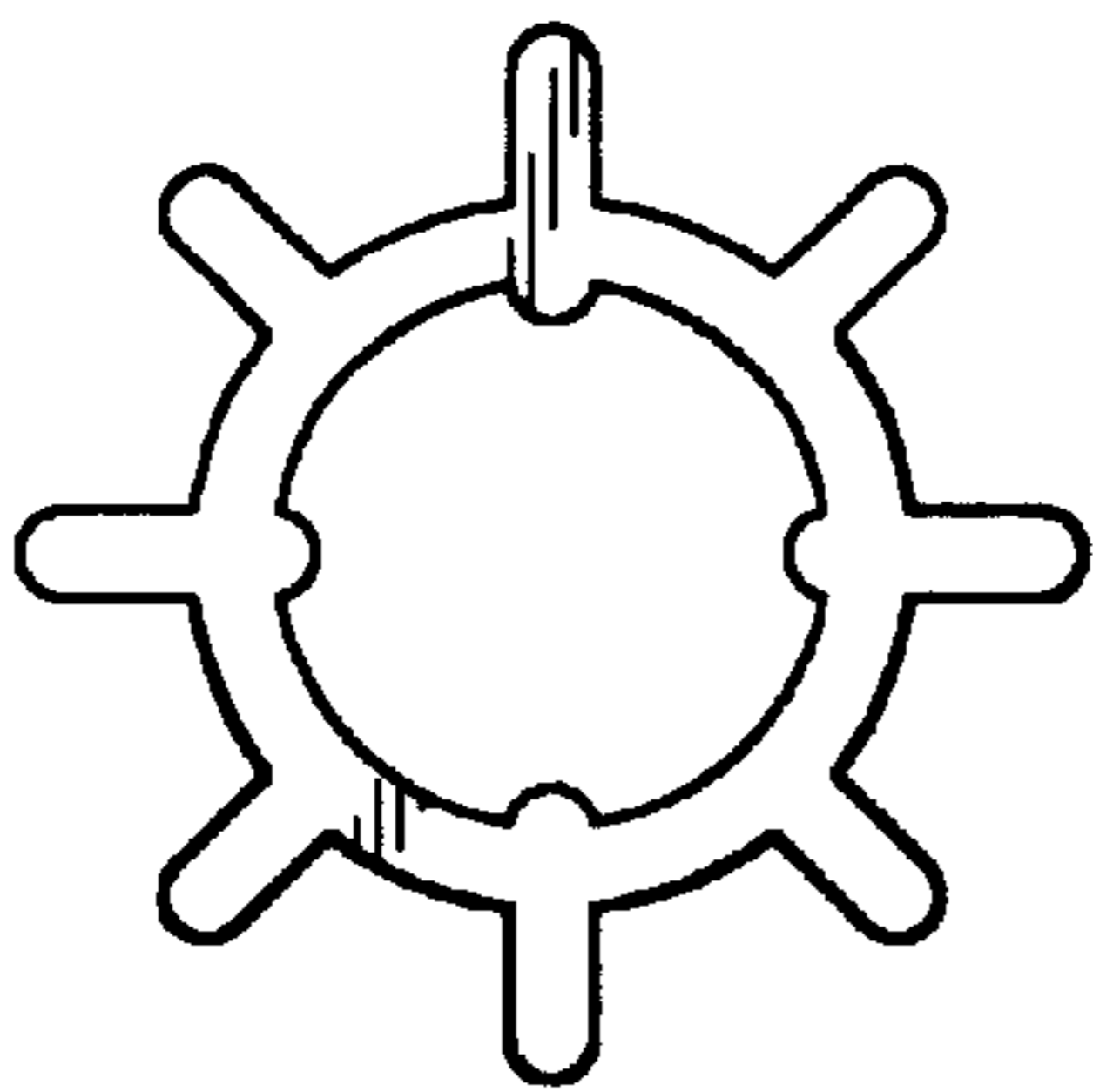
FIG. 4 is a bottom view.

**1 Claim, 1 Drawing Sheet**

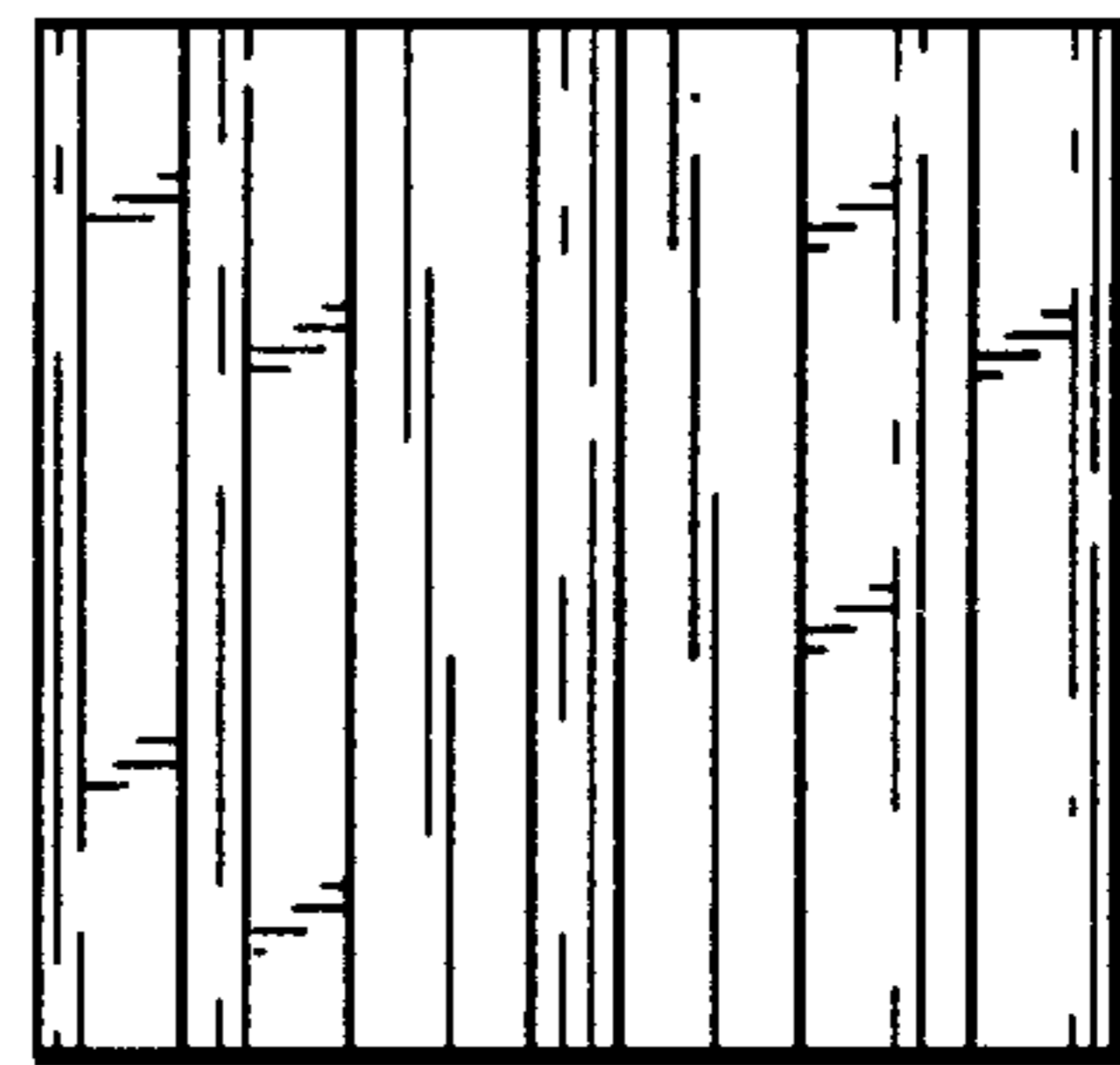




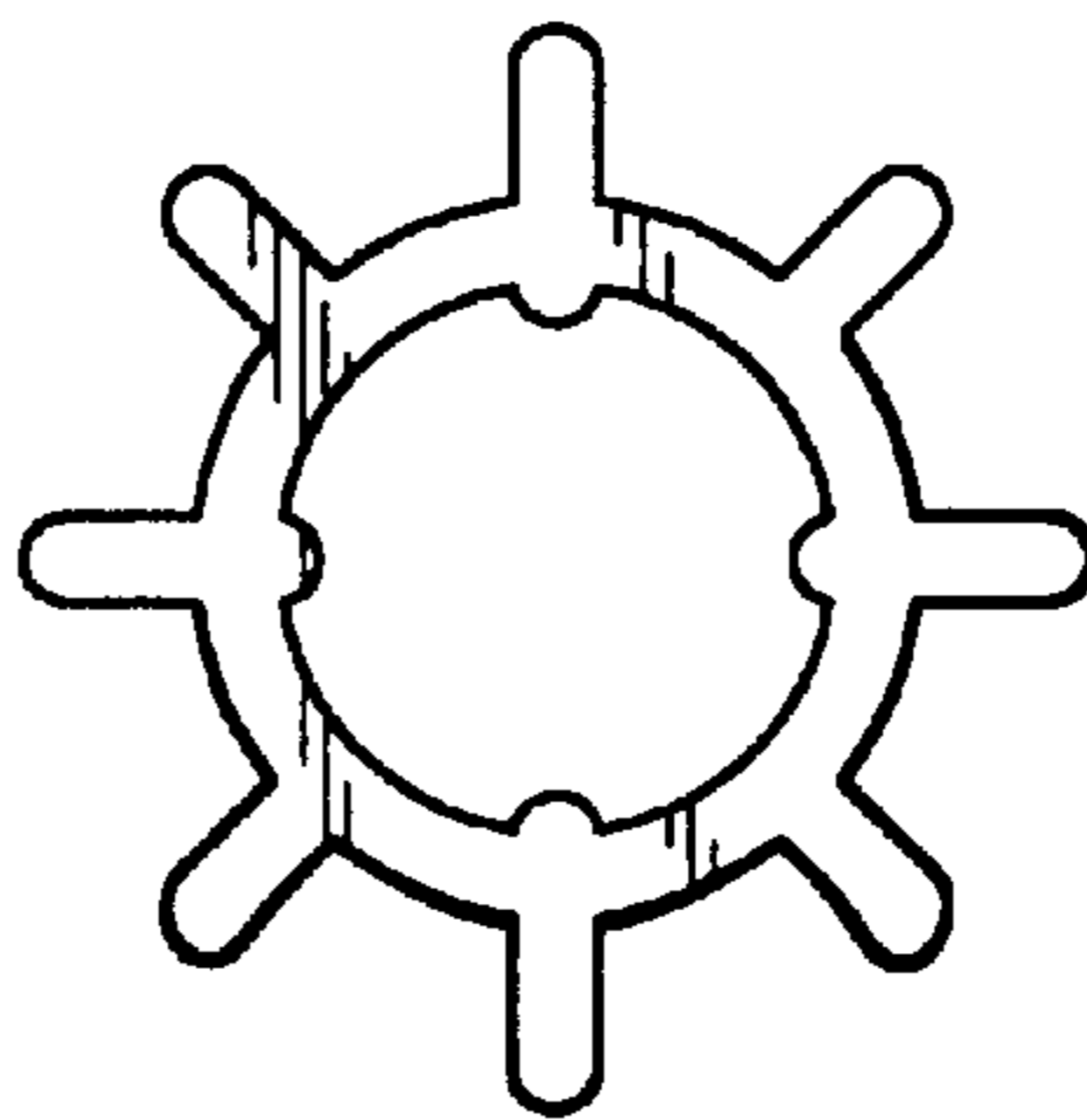
**FIG. 1**



**FIG. 2**



**FIG. 3**



**FIG. 4**