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# United States Patent [19]

[11] Patent Number: **Des. 419,669**

Shinshi et al.

[45] Date of Patent: **\*\* Jan. 25, 2000**

[54] PROPELLER FAN

[56] References Cited

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### U.S. PATENT DOCUMENTS

13,349	1/1912	Schlotter .....	416/238
1,127,143	2/1915	Wiedling .....	416/238
5,437,541	8/1995	Vainrub .....	416/223 R

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[\*\*] Term: **14 Years**

[57] CLAIM

[21] Appl. No.: **29/098,185**

The ornamental design for a propeller fan, as shown.

[22] Filed: **Dec. 22, 1998**

### DESCRIPTION

[30] Foreign Application Priority Data

FIG. 1 is a top, front, and right side perspective view of our design for a propeller fan;  
FIG. 2 is a front view thereof;  
FIG. 3 is a top plan view thereof;  
FIG. 4 is a back side view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a right side view thereof; and,  
FIG. 7 is a left side view thereof.

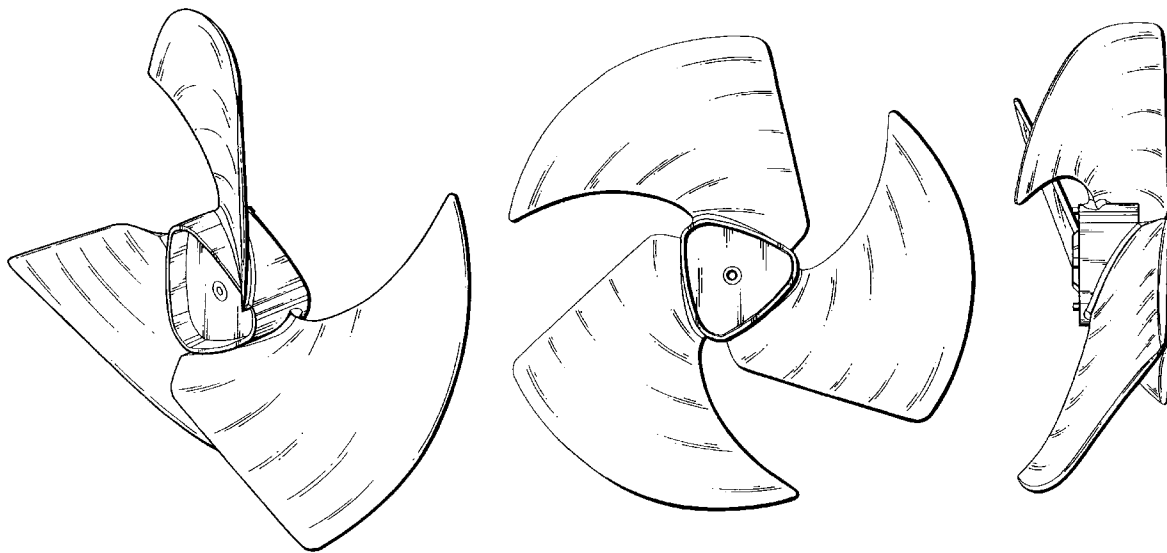
Jun. 26, 1998 [JP] Japan ..... 10-18506

[51] LOC (7) Cl. .... **23-04**

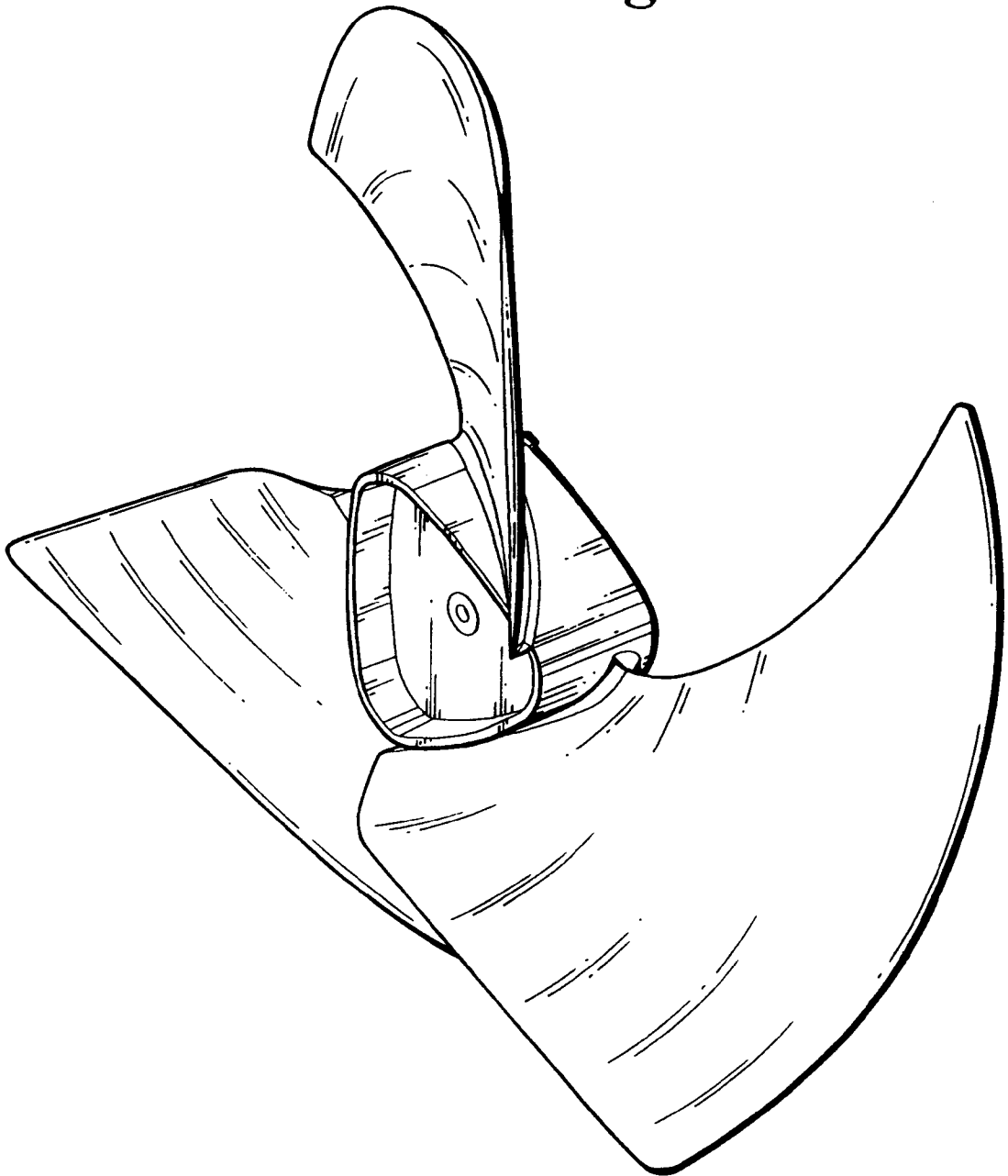
[52] U.S. Cl. .... **D23/413; D23/411**

[58] Field of Search ..... D23/411, 370, D23/378, 381, 382, 413; 416/223 R, 238, 242, 244 R; D12/214

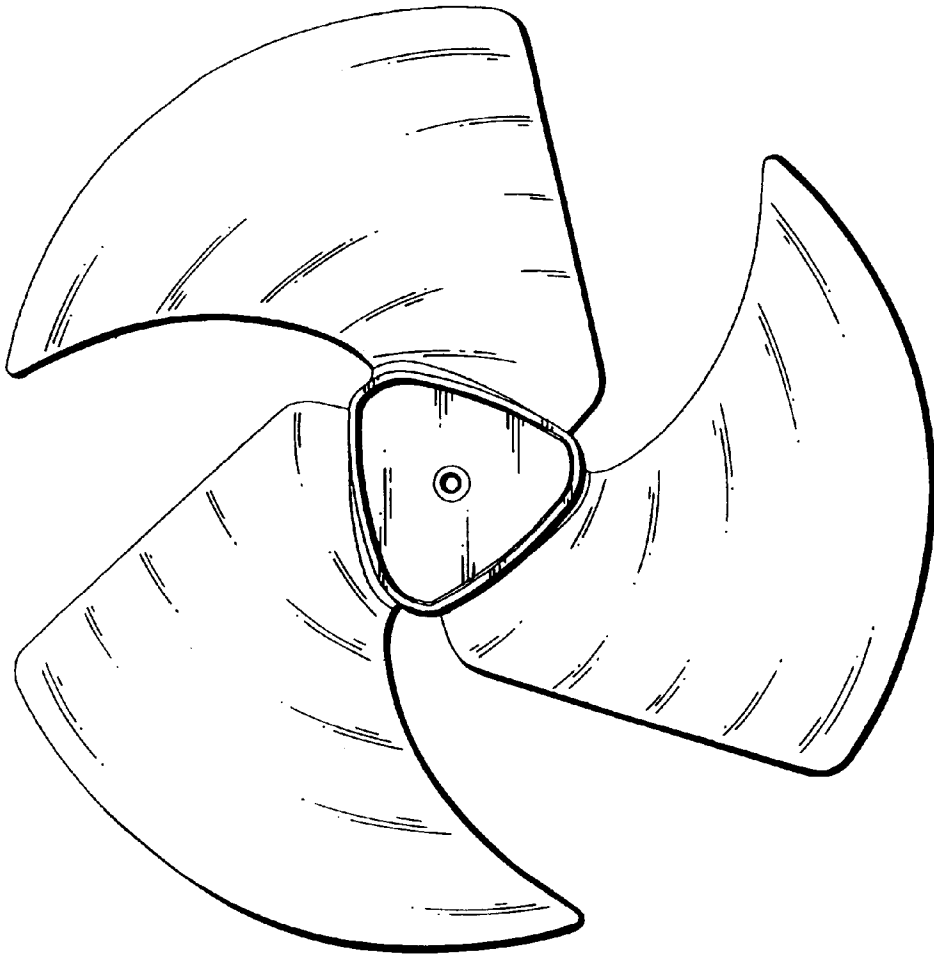
**1 Claim, 4 Drawing Sheets**



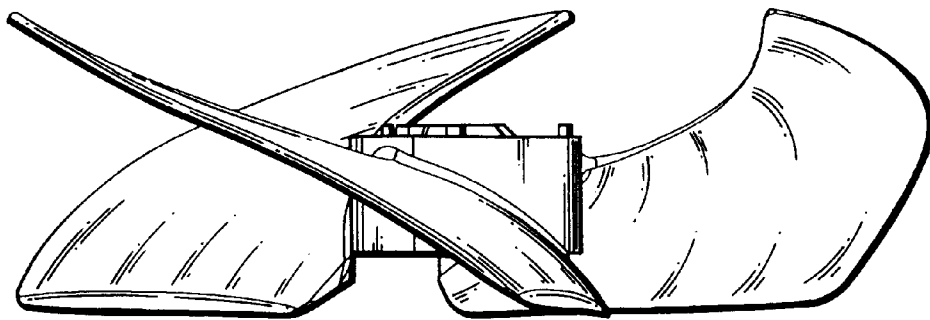
**Fig.1**



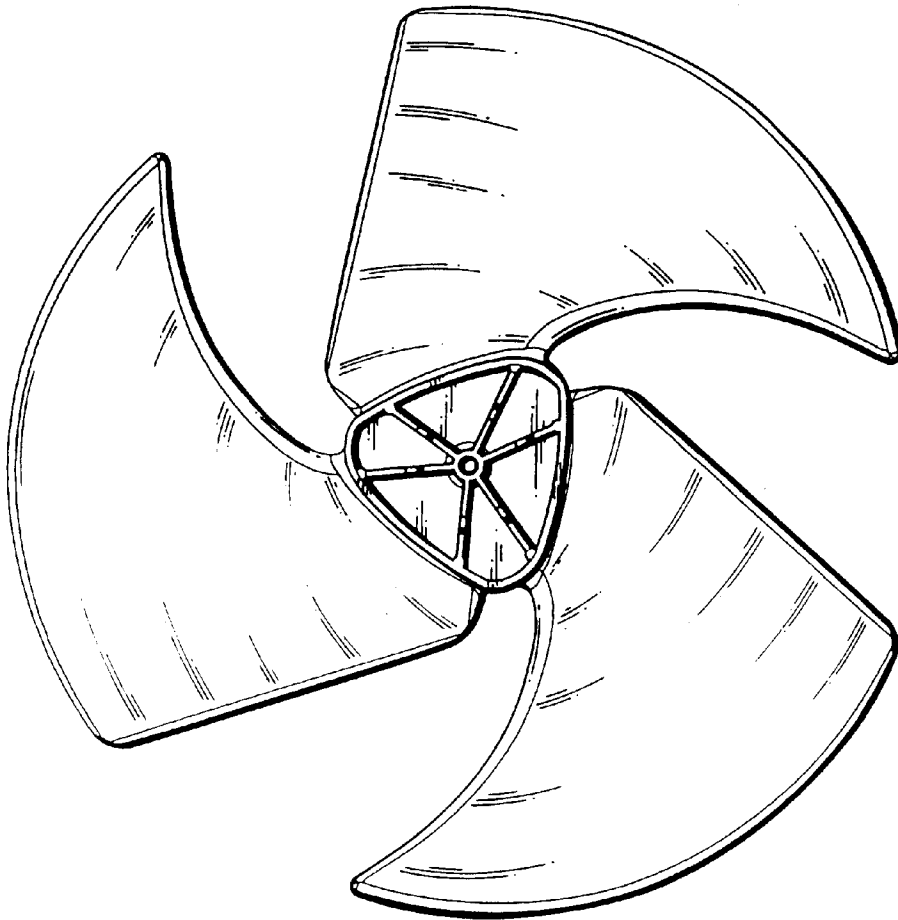
**Fig.2**



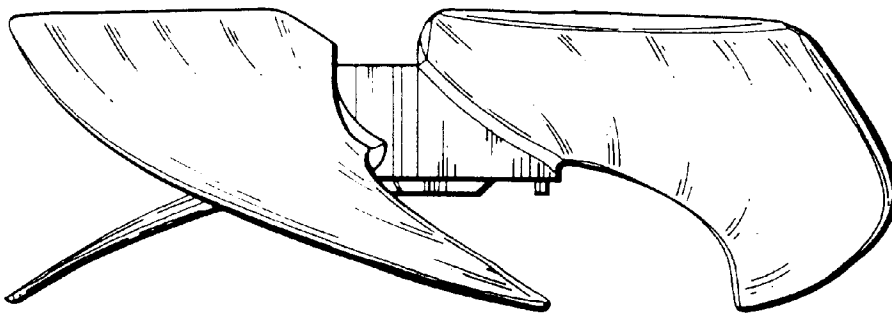
**Fig.3**



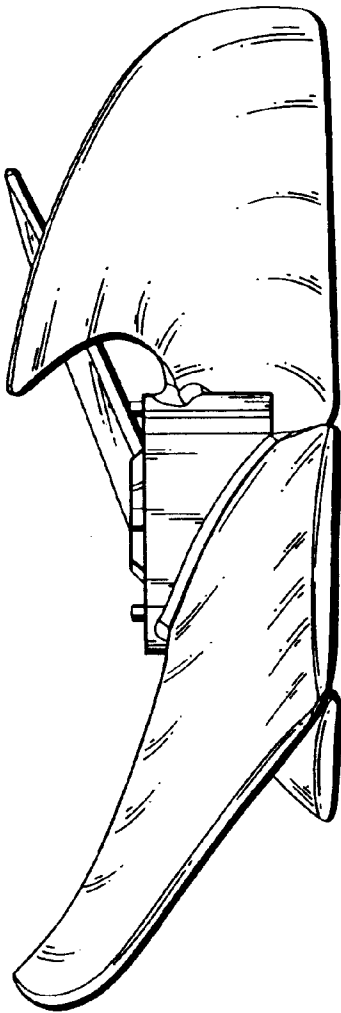
**Fig.4**



**Fig.5**



**Fig.6**



**Fig.7**

