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Ceiling Fan Blade

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

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(54) **CEILING FAN BLADE**

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

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Related U.S. Application Data

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(52) **U.S. Cl.** **D23/413**

(58) **Field of Classification Search** D23/377, D23/379, 385, 411, 413; 416/5
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,455,591 A	4/1923	Lawson
1,757,292 A	5/1930	Caldwell
2,283,956 A	5/1942	Smith
4,892,460 A	1/1990	Volk
D330,077 S	10/1992	Davis
5,344,235 A	9/1994	Weetman et al.
D364,224 S	11/1995	Wang
D371,838 S	7/1996	Davis, Jr. et al.
D378,404 S	3/1997	Jaspers-Fayer
5,681,145 A	10/1997	Neely et al.
D387,156 S	12/1997	Johnson
D402,026 S	12/1998	Chuang et al.
D408,518 S	4/1999	Liu
D412,571 S	8/1999	Lee
D414,856 S	10/1999	Zuege
D417,496 S	12/1999	Chang et al.

D421,799 S	3/2000	Zuege
D422,072 S	3/2000	Blateri
6,039,541 A	3/2000	Parker et al.
D434,845 S	12/2000	Gajewski
D443,352 S	6/2001	Lantz
D451,997 S	12/2001	Schwartz
D453,566 S	2/2002	Lantz
D454,636 S	3/2002	Lantz
6,428,277 B1	8/2002	Holmes
6,494,589 B1	12/2002	Shyu
D469,950 S	2/2003	Scalise et al.
D480,471 S	10/2003	Hsieh

(Continued)

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective bottom rear right view of a ceiling fan blade.

FIG. 2 is a perspective top tip right view of the novel blade of FIG. 1.

FIG. 3 is a bottom view of the novel blade of FIG. 1.

FIG. 4 is a top view of the novel blade of FIG. 1.

FIG. 5 is a right side view of the novel blade of FIG. 1.

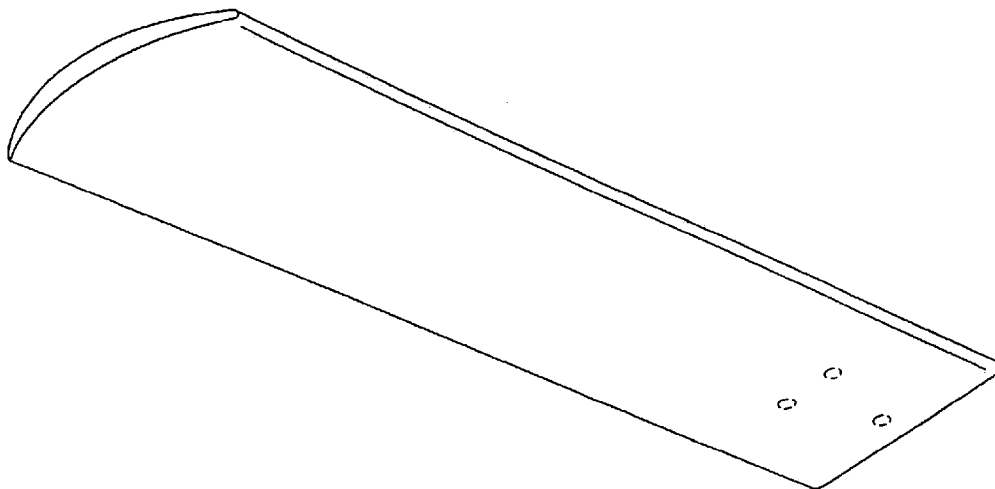
FIG. 6 is a left side view of the novel blade of FIG. 1.

FIG. 7 is a tip end view of the novel blade of FIG. 1; and,

FIG. 8 is a rear end view of the novel blade of FIG. 1.

The broken line showing of the mounting holes is included for the purpose of illustrating environmental structure and forms no part of the claimed design.

1 Claim, 6 Drawing Sheets



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U.S. PATENT DOCUMENTS							
D480,473	S	10/2003	Thomas, Jr.	6,733,241	B2	5/2004	Bird
D484,233	S	12/2003	Bucher et al.	D491,657	S	6/2004	Cartwright
6,659,721	B1	12/2003	Parker et al.	6,884,034	B1	4/2005	Parker et al.
D485,345	S	1/2004	Bucher	6,890,155	B2	5/2005	Cartwright
D485,346	S	1/2004	Bucher et al.	6,899,525	B2	5/2005	Vanmoor
D485,347	S	1/2004	Bucher et al.	6,923,624	B2	8/2005	Tsai
D487,801	S	*	3/2004	Hsieh D23/377			
6,719,532	B2	4/2004	Bird	D510,992	S	10/2005	Bucher
6,719,533	B2	4/2004	Bird	D527,097	S	8/2006	Ertze
				2004/0258530	A1	12/2004	Oono et al.

* cited by examiner

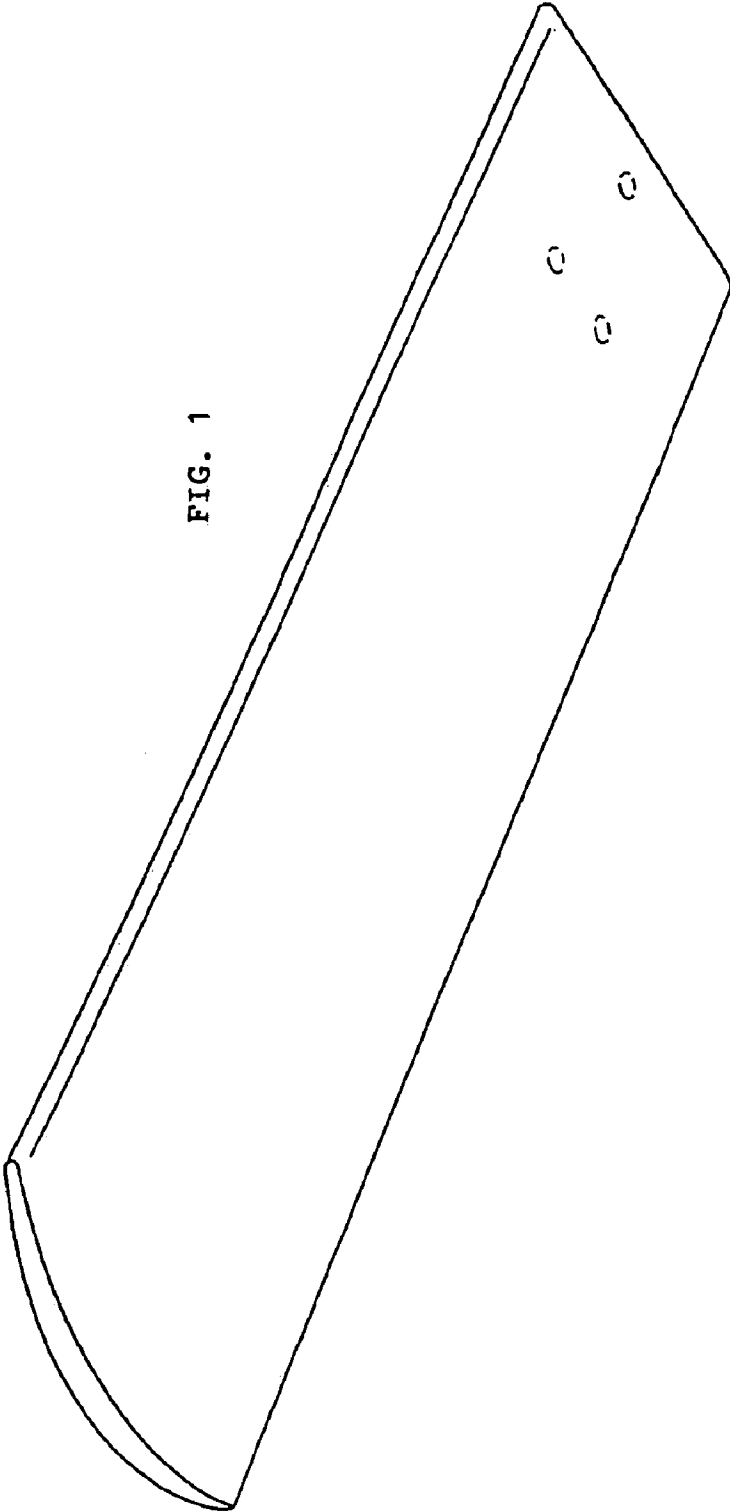


FIG. 1

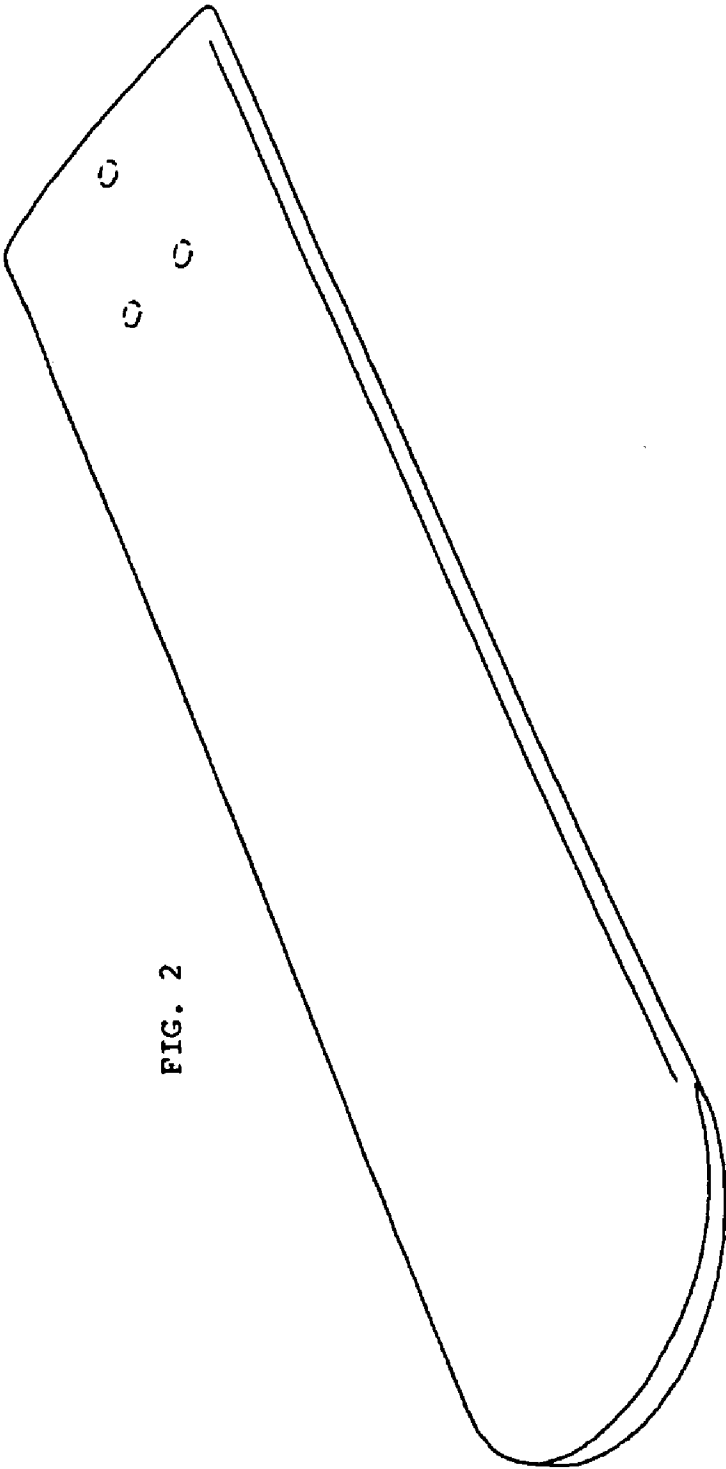


FIG. 2

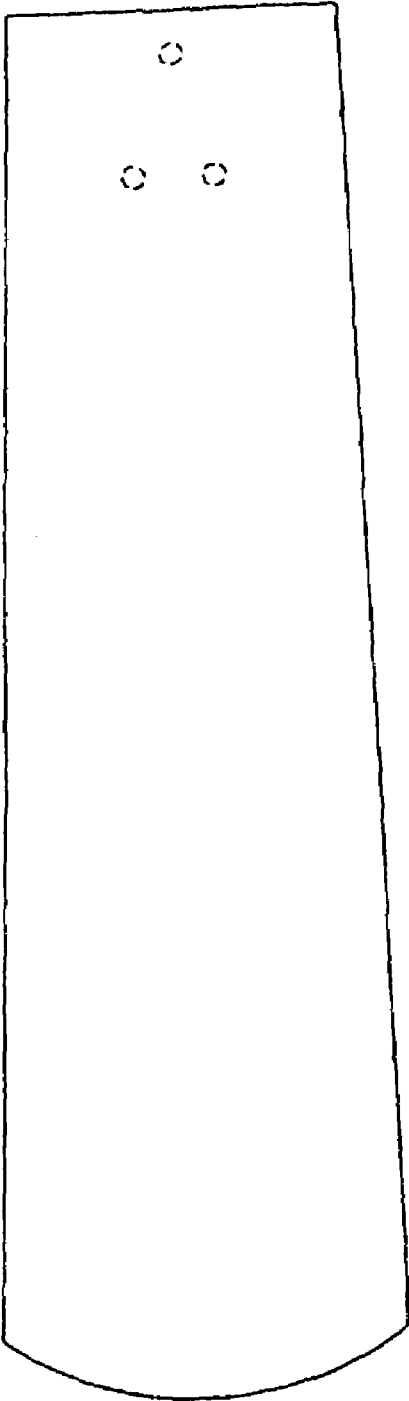


FIG. 3

FIG. 4

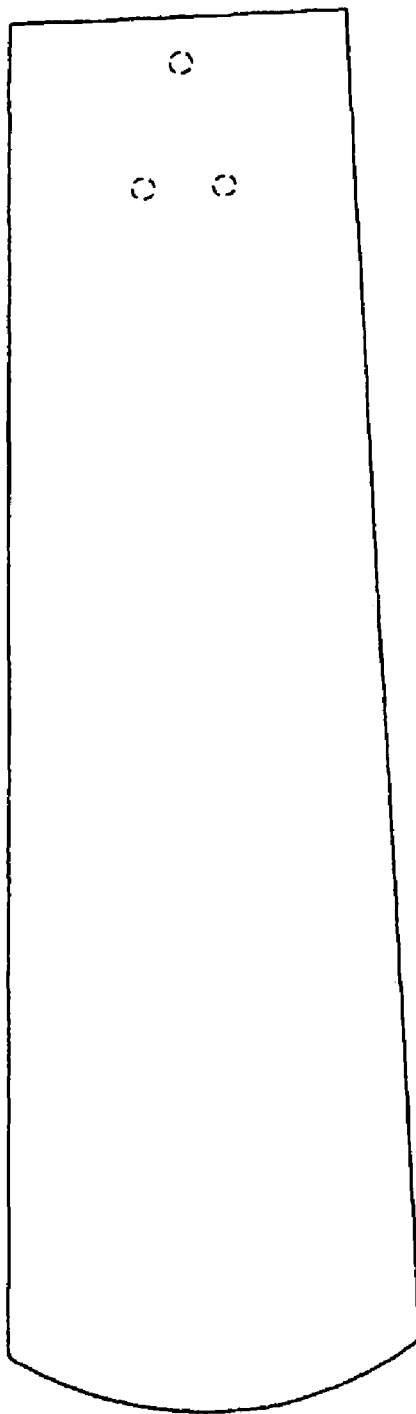




FIG. 5



FIG. 6



FIG. 7



FIG. 8