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

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- (54) **PROPELLER**
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- (\*\*) Term: **15 Years**
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- (51) **LOC (11) Cl.** ..... **12-16**
- (52) **U.S. Cl.**  
USPC ..... **D12/214**
- (58) **Field of Classification Search**  
USPC ..... D12/214, 319, 344, 16.1, 328, 330, 345;  
D15/4, 5; D13/115; D21/441; D23/411,  
D23/413  
CPC ..... B64C 11/00; B64C 11/02; B64C 11/16;  
B64C 27/08; B64C 39/024; B64C  
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See application file for complete search history.

- D132,376 S \* 5/1942 Munk ..... D12/214
- 2,312,219 A \* 2/1943 Sensenich ..... B64C 11/205  
416/224
- D152,705 S \* 2/1949 Leahy ..... 416/234
- 2,482,375 A \* 9/1949 Sensenich ..... B27M 3/10  
156/256
- 3,461,966 A \* 8/1969 Biermann ..... B64C 11/08  
416/234
- D252,390 S \* 7/1979 Voisard ..... 416/214 R
- D353,572 S \* 12/1994 Schlangen ..... D12/214
- D431,627 S \* 10/2000 Etschel ..... D12/214
- D436,647 S \* 1/2001 Etschel ..... D23/200
- D442,906 S \* 5/2001 Prokop ..... D12/214
- D457,850 S \* 5/2002 Rietsch ..... D12/214
- D459,285 S \* 6/2002 Rietsch ..... D12/214
- D561,679 S \* 2/2008 Wai ..... D12/345
- D576,541 S \* 9/2008 Kiceniuk, Jr. .... D12/214
- D723,997 S \* 3/2015 Foreman ..... D12/214
- D751,026 S \* 3/2016 Tao ..... D12/345
- D755,703 S \* 5/2016 Hanscom ..... D12/16.1
- D761,184 S \* 7/2016 Xiao ..... D12/214

(Continued)

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(57) **CLAIM**

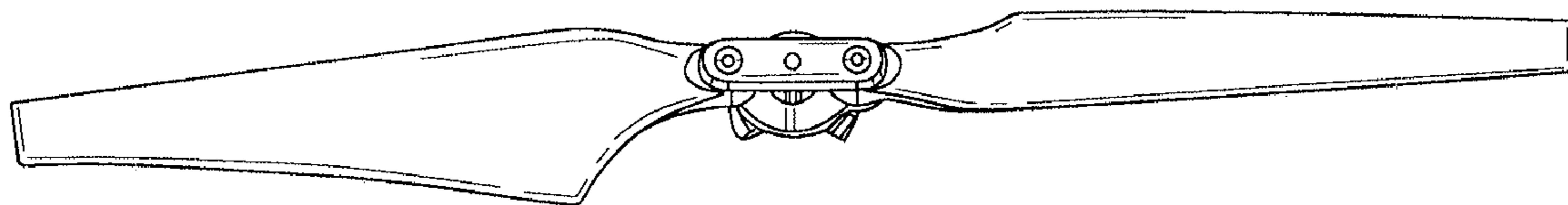
The ornamental design for a propeller, as shown and described.

**DESCRIPTION**

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

**1 Claim, 2 Drawing Sheets**

- (56) **References Cited**  
U.S. PATENT DOCUMENTS  
D41,244 S \* 3/1911 Heath ..... D12/214
- 1,623,420 A \* 4/1927 Leinweber ..... B64C 11/18  
416/243
- 1,831,373 A \* 11/1931 Squires ..... B64C 11/24  
148/220
- 1,905,891 A \* 4/1933 Blanchard ..... B64C 11/22  
416/234
- D121,201 S \* 6/1940 Fischer ..... 416/234



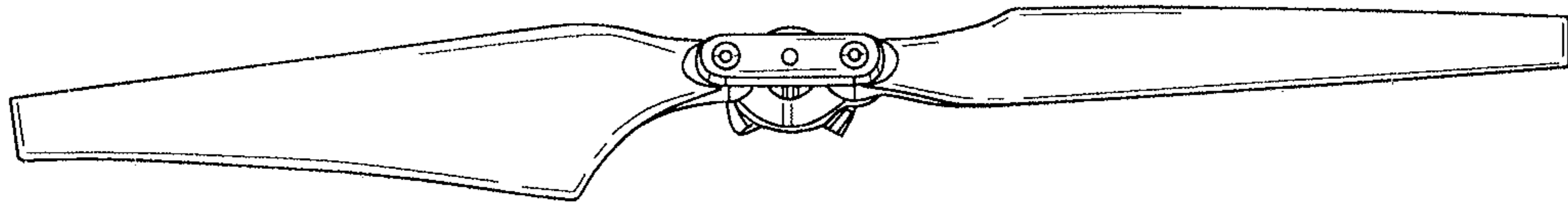
(56)

**References Cited**

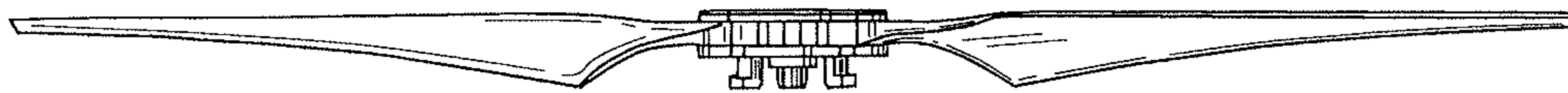
U.S. PATENT DOCUMENTS

D790,430 S *	6/2017	Ali .....	D12/214
D792,318 S *	7/2017	Du .....	D12/214
D798,219 S *	9/2017	Xiao .....	D12/214
2009/0220347 A1 *	9/2009	Ball .....	B64C 11/26
			416/229 R
2012/0189457 A1 *	7/2012	Occhipinti .....	B64C 11/16
			416/235
2015/0167492 A1 *	6/2015	Collette .....	F01D 25/06
			415/1

\* cited by examiner



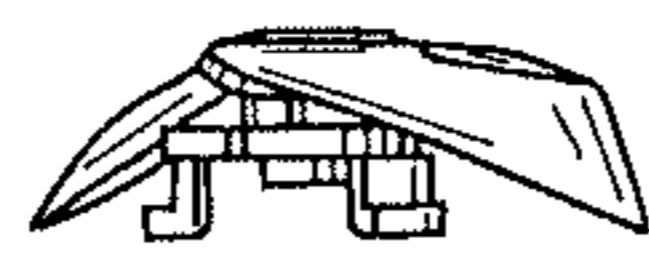
**FIG. 1**



**FIG. 2**



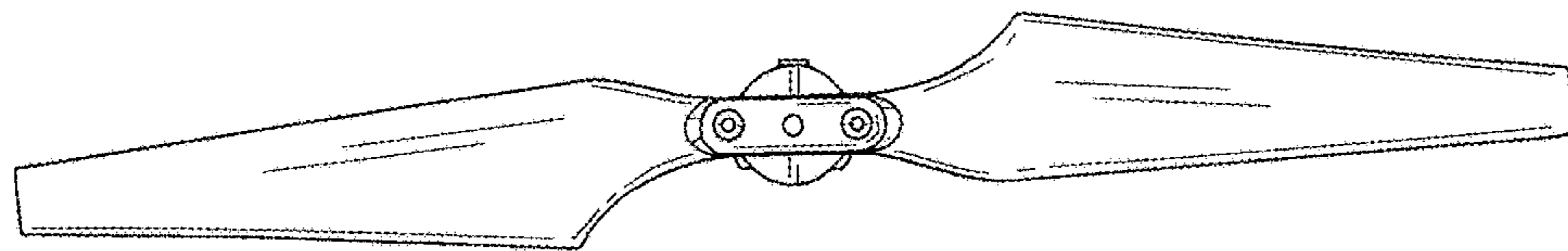
**FIG. 3**



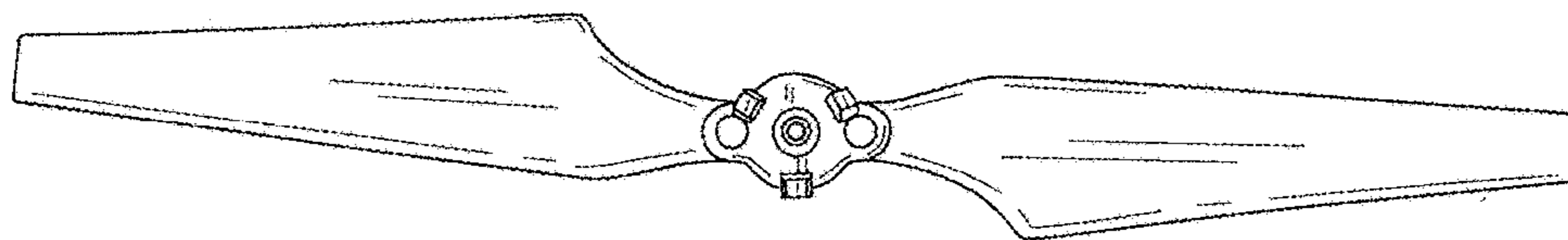
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**