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(54) FAN FOR ENGINE

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(52)	U.S. Cl.				

USPC **D23/370**; D23/379

Field of Classification Search (58)

USPC D23/332, 333, 370, 379, 380, 381, 382, D23/411, 412, 413; D12/330, 340, 341 CPC F05D 2220/36; F02K 3/06; F02C 7/045; F02C 7/24; F04D 25/084; F04D 25/088; F04D 25/0673; F04D 25/166; F04D 29/38; F04D 29/384; F04D 29/386; F04D 29/424; F21V 33/0096; H05K 7/20136;

H05K 7/20172; H05K 7/2019; H05K

(56)References Cited

U.S. PATENT DOCUMENTS

See application file for complete search history.

D454	\mathbf{S}	*	4/1852	Abbott et al D23/332
2,444,966	Α	*	7/1948	Troller F04D 19/002
				D23/370
D195,287	\mathbf{S}	*	5/1963	Downing D23/370
D240,810	S	*	8/1976	Meyerhoff et al D12/330

4,266,741	Α	*	5/1981	Murphy B64D 27/18	
				244/54	
4,370,097	Α	*	1/1983	Hanson B64C 11/16	
				416/223 R	
5,372,338	Α	*	12/1994	Carlin B64D 29/08	
				244/129.4	
D506,818	S	*	6/2005	Lin D23/370	
D530,809	\mathbf{S}	*	10/2006	Li D23/411	
D672,863	\mathbf{S}	*	12/2012	Romero Carreras D23/370	
D681,184	\mathbf{S}	*	4/2013	Romero Carreras D23/370	
D775,719	S	*	1/2017	Smith D23/370	
10,184,401	B_2	*	1/2019	Bellabal F02C 7/20	
D845,461	S	*	4/2019	Li D23/370	
D862,361	S		10/2019	Corning	
D896,363	S	*	9/2020	Wang D23/411	
D995,900	\mathbf{S}	*	8/2023	He D28/12	
D1,054,008	\mathbf{S}	*	12/2024	Huang D23/370	
(Continued)					

FOREIGN PATENT DOCUMENTS

CN309126995 * 2/2025

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CLAIM

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

DESCRIPTION

FIG. 1 is a perspective view of a fan for engine showing my new design;

FIG. 2 is another perspective view thereof;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a back elevation view thereof;

FIG. 5 is a left side elevation view thereof;

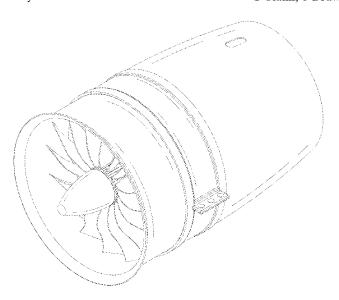
FIG. 6 is a right side elevation view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines depict portions of the fan for engine that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



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(56) **References Cited**

U.S. PATENT DOCUMENTS

D1,061,849			Hu D23/370
12,292,017	B1*	5/2025	Miller F02C 7/24
2020/0003063	A1*	1/2020	Vassberg F01D 21/00
2021/0363889	A1*	11/2021	Burney F01D 5/20
2022/0341338	A1*	10/2022	Moore F01D 5/326
2022/0389830	A1*	12/2022	Vassberg F01D 17/162

^{*} cited by examiner

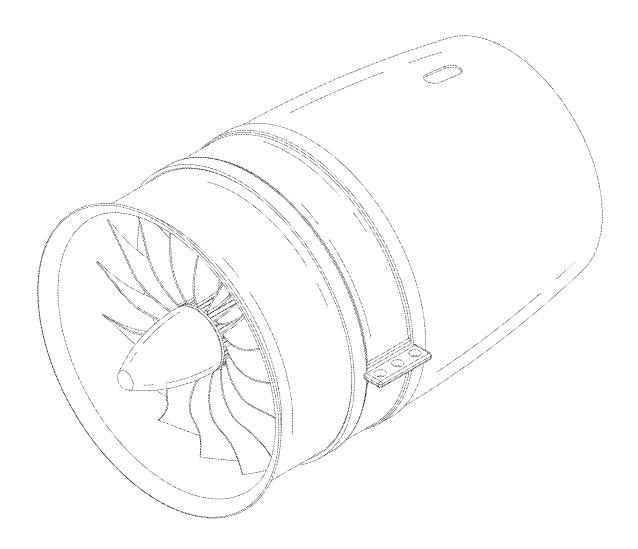


FIG. 1

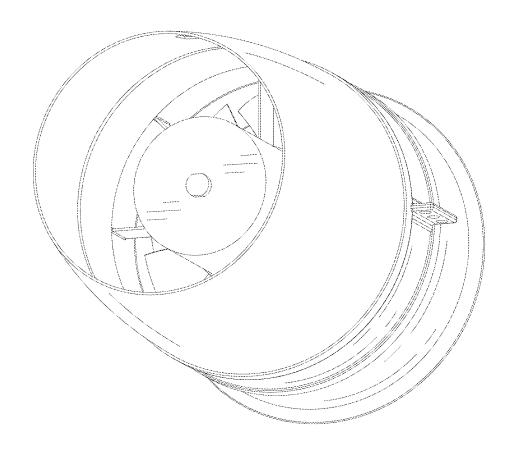


FIG. 2

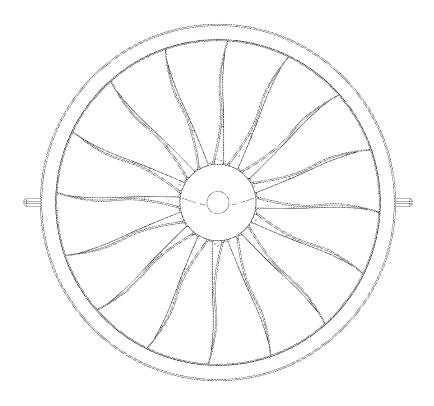


FIG. 3

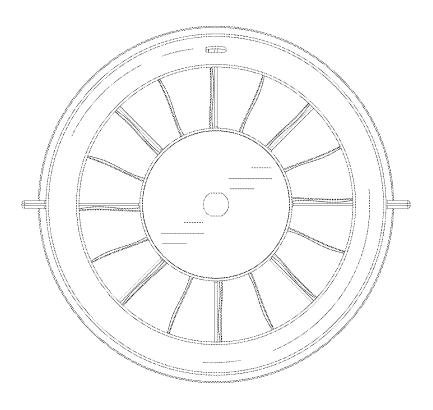


FIG. 4

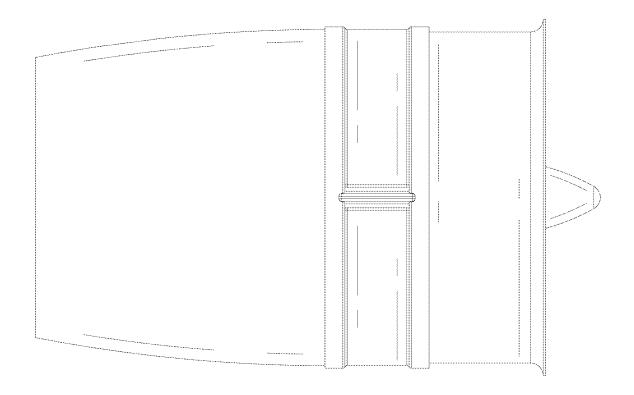


FIG. 5

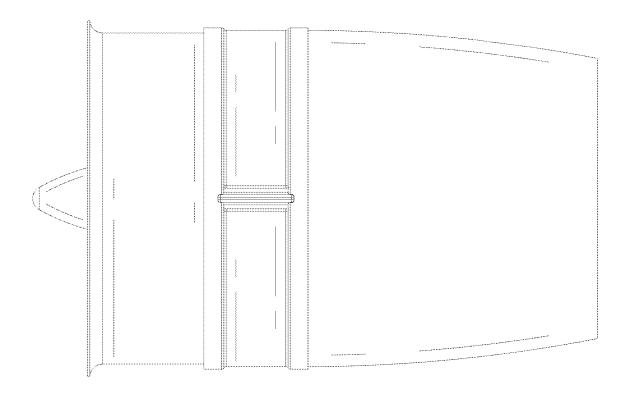


FIG. 6

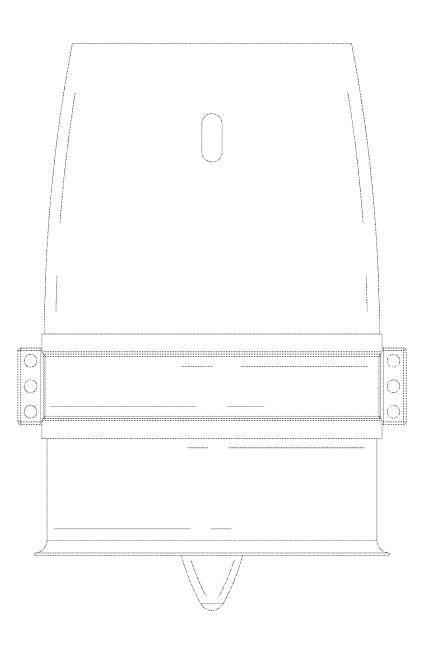


FIG. 7

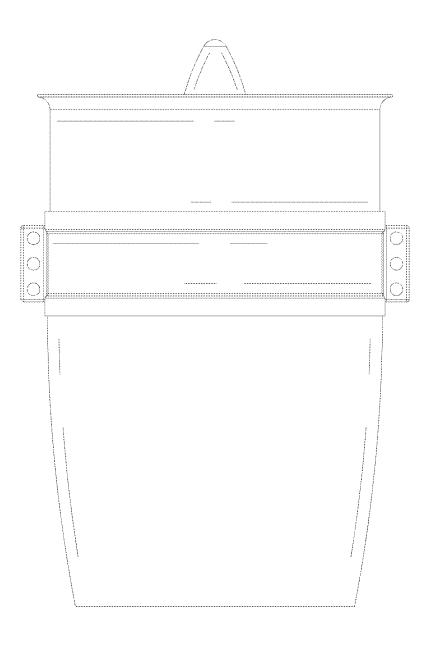


FIG. 8