

(12) United States Design Patent (10) Patent No.: US D1,089,621 S

Lee et al.

(45) **Date of Patent:** ** Aug. 19, 2025

(54)	FAN BLA	DE
` ′		DELTA ELECTRONICS, INC., Taoyuan (TW)
(72)	Inventors:	Chin-Hung Lee, Taoyuan (TW); Chieh-Hung Chang, Taoyuan (TW); Chieh-Shih Chang, Taoyuan (TW); Jian-Syun Wu, Taoyuan (TW)
(73)	Assignee:	DELTA ELECTRONICS, INC. , Taoyuan (TW)
(**)	Term:	15 Years
(21)	Appl. No.:	29/790,001
(22)	Filed:	Oct. 29, 2021
(51)	LOC (15)	Cl 23-04
(52)	U.S. Cl.	
	USPC	D23/413
(58)	Field of C	lassification Search
	USPC	D23/370–372, 385, 411–412; D15/7;

References Cited

(56)

U.S. PATENT DOCUMENTS

CPC ... F24F 7/007; F24F 7/013; F24F 7/02; F04D 29/32; F04D 19/00

See application file for complete search history.

D483,107 D486,158 D486,568 D487,802 D533,935 D663,411 D755,134 D828,541 D860,956	S S S S S S S S S S		2/2004 2/2004 3/2004 12/2006 7/2012 5/2016 9/2018 9/2019 3/2022	Chen D23/413 Naya D23/411 Andre D23/370 Wang et al. Chiu Chiu D13/179 Horng F04D 29/384
11,286,947 D999,901 D1.033,620	\mathbf{S}	2 * * *	9/2023	Horng F04D 29/384 Chen D23/413 Lee D23/370
,,	-			

D1,054,013	\mathbf{S}	*	12/2024	Zeng D23/413	
D1,063,054	S	*	2/2025	Chin D23/414	
D1,063,055	S	*	2/2025	Chin D23/414	
D1,063,056	\mathbf{S}	*	2/2025	Chin D23/414	
D1,069,098	S	*	4/2025	Suzuki D23/413	
2015/0152883	A.	1 *	6/2015	Dybenko F04D 25/0613	
				415/220	
2018/0058467	\mathbf{A}	1 *	3/2018	Lin F04D 29/30	
2020/0355083	A.	1*	11/2020	Yeh F04D 29/282	
2021/0102550	A.	1 *	4/2021	Chan F04D 29/282	
2023/0093736	A.	1 *	3/2023	Lee F04D 29/441	
				415/118	
2023/0279868	\mathbf{A}	1 *	9/2023	Lee F04D 29/282	
				416/178	
2024/0200468	A	1 *	6/2024	Perez F01D 9/041	
(Continued)					
(Continued)					

FOREIGN PATENT DOCUMENTS

CN	306066783 S	9/2020
CN	306143201 S	10/2020
CN	306392997 S	3/2021
	(Cont	inued)

Primary Examiner — Janice Hallmark (74) Attorney, Agent, or Firm — CKC & Partners Co., LLC

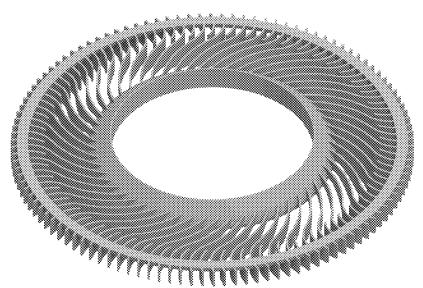
(57)**CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a fan blade; 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;
FIG. 7 is a bottom plan view thereof; and, FIG. 8 is another perspective view thereof.

1 Claim, 8 Drawing Sheets



US D1,089,621 S Page 2

(56) **References Cited**

U.S. PATENT DOCUMENTS

2025/0067275 A1* 2/2025 Lee F04D 29/30

FOREIGN PATENT DOCUMENTS

CN	306414438 S	3/2021
CN	306732535 S	8/2021
CN	306787860 S	8/2021
TW	D123025	5/2008
TW	D208855 S	12/2020

^{*} cited by examiner

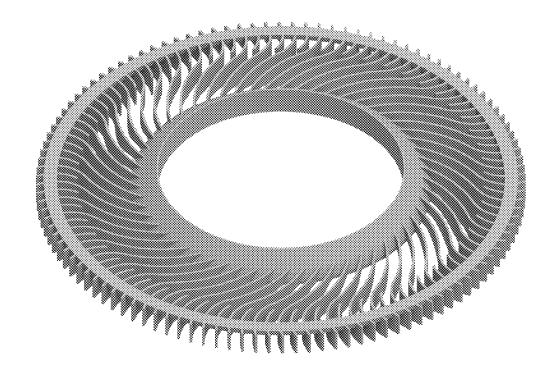


Fig. 1

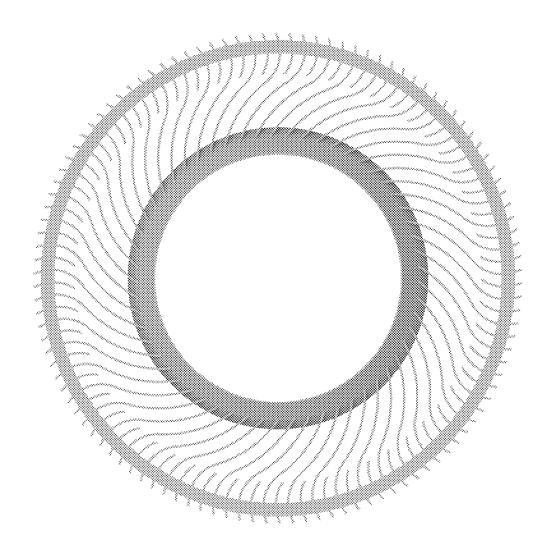


Fig. 2

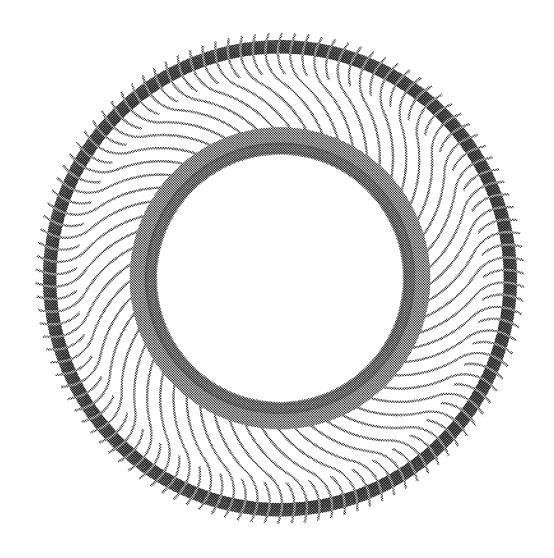


Fig. 3

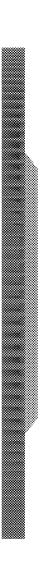


Fig. 4

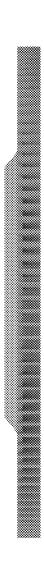


Fig. 5



Fig. 6

Aug. 19, 2025



Fig. 7

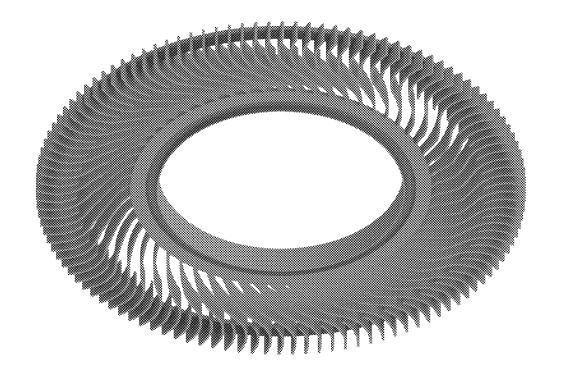


Fig. 8