

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI50227

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yu RAO	04/18/2023
Yong LUAN	04/18/2023
Yamin XU	04/18/2023
RECEIVING PARTY DATA	
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City:	Shanghai
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18304387
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ATTORNEY DOCKET NUMBER:	W23-YSY-SHJTDX-US-378
NAME OF SUBMITTER:	Qianqian Wu
SIGNATURE:	Qianqian Wu
DATE SIGNED:	02/26/2024
Total Attachments: 3	
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source=ASSIGNMENTS_3inventors#page2.tif	
source=ASSIGNMENTS_3inventors#page3.tif	

ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney
Docket
Number

W23-YSY-SHJTDX-US-378

Title of
Invention

TURBINE BLADE WITH IMPROVED SWIRL COOLING PERFORMANCE AT LEADING EDGE AND ENGINE

WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.

Shanghai Jiaotong University

WHEREAS,

having a postal address of No. 800, Dongchuan Road, Minhang District, Shanghai, 200240

(referred to as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, **ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.**

ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes Practitioners associated with the Customer Number 177,089 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.

LEGAL NAME OF ASSIGNOR

Assignor: RAO, Yu Date: 04/18/2023

Signature: 

ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	W23-YSY-SHJTDX-US-378
Title of Invention	TURBINE BLADE WITH IMPROVED SWIRL COOLING PERFORMANCE AT LEADING EDGE AND ENGINE

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LEGAL NAME OF ASSIGNOR	
Assignor: _____	Date: <u>04/18/2023</u>
Signature: <u>Yong Luan</u>	

ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	W23-YSY-SHJTDX-US-378
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LEGAL NAME OF ASSIGNOR

Assignor: XU, Yamin Date: 04/18/2023

Signature: Yamin Xu