501981649 07/09/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JinQuan Xu	06/11/2012

RECEIVING PARTY DATA

Name:	United Technologies Corporation
Street Address:	One Financial Plaza
City:	Hartford
State/Country:	CONNECTICUT
Postal Code:	06101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13544257

CORRESPONDENCE DATA

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Address Line 2: Kinney & Lange, P.A.

Address Line 4: Minneapolis, MINNESOTA 55415

NAME OF SUBMITTER: Stuart A. Nelson

Total Attachments: 1

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PATENT REEL: 028514 FRAME: 0289 TCH \$40,00 13544

501981649

ASSIGNMENT

Attorney Docket No.

PA0019798U-U73.12-805KL

First Named Inventor : JinQuan Xu

Title : GAS TURBINE ENGINE COMPONENT WITH IMPINGEMENT AND

LOBED COOLING HOLE

WHEREAS, United Technologies Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at One Financial Plaza, Hartford, CT 06101, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

 \mathcal{M}_{i}

JinOuan Xu

RECORDED: 07/09/2012

Witness Printed Name

6/11/12 Date

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