501970844 06/27/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Peter Geiger	06/19/2012

RECEIVING PARTY DATA

Name:	MTU Aero Engines GmbH	
Street Address:	Dachauer Strasse 665	
City:	Muenchen	
State/Country:	GERMANY	
Postal Code:	80995	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13441081

CORRESPONDENCE DATA

Fax Number: (212)736-2427 **Phone**: 2127361940

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Davidson, Davidson & Kappel, LLC.

Address Line 1: 485 Seventh Avenue

Address Line 2: 14th Floor

Address Line 4: New York, NEW YORK 10018

ATTORNEY DOCKET NUMBER:	5038.1110
NAME OF SUBMITTER:	William C. Gehris, Reg. No. 38.156

Total Attachments: 2

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PATENT REEL: 028454 FRAME: 0592 00 13441081

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ASSIGNMENT

5038.1110

ASSIGNMENT

WHEREAS, I (We), <u>Peter GEIGER</u>, <u>residing at Heinrich-Buz-Weg 11</u>, 80997 <u>Muenchen</u>, <u>Germany</u>, ASSIGNOR(S), have invented certain new and useful improvements in <u>METHOD FOR MANUFACTURING A COMPONENT HAVING AT LEAST ONE ELEMENT CONFIGURED IN THE COMPONENT, AS WELL AS A COMPONENT HAVING AT LEAST ONE ELEMENT, an application for a Patent of the United States for which:</u>

	I (we) am (are) about to execute;	
	was executed on	(date(s));
$\overline{\mathbf{X}}$	is identified by Davidson, Davidson & Kappel, LLC, Docket No. 5038.1110;	_ (
$\overline{\mathbf{X}}$	was filed on April 6, 2012 as U.S. Application Serial No. 13/441,081;	
	I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappe	el. LLC of 485
	Seventh Avenue, 14th Floor, New York, New York 10018 to insert here in	parentheses
	Seventh Avenue, 14 th Floor, New York, New York 10018 to insert here in (Application number 15/44/,05/, filed 04/06/20(2/)) t	he filing date
	and application number of said application when known; and	

WHEREAS, MTU Aero Engines GmbH, Dachauer Strasse 665, 80995 Muenchen, Germany, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

I (WE) HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

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ASSIGNMENT 5038.1110

I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Dated: 2012 June 19

Pater GEIGER

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