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EET 13/138627 103632783 To the Director of the U.S. Pate... serrecordinaria anabried documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Name: MTU Aero Engines GmbH Martin FESSLER-KNOBEL Roland HUTTNER Internal Address: Additional name(s) of conveying party(ies) attached? Yes 🗶 No 3. Nature of conveyance/Execution Date(s): Street Address: <u>Dachauer Strasse 665</u> Execution Date(s)_07/22/2011; 07/26/2011; respectively ★ Assignment Merger City: Muenchen Security Agreement Change of Name Joint Research Agreement State: Government Interest Assignment Country: Germany Zip:80995 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes X No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes X No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: William C. Gehris 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Internal Address: Davidson, Davidson & Kappel, LLC Authorized to be charged to deposit account x Enclosed Street Address: 485 Seventh Avenue None required (government interest not affecting title) 8. Payment Information City: New York Zip:10018 State: NY Phone Number: 212 736 1940 Deposit Account Number __50-0552 Fax Number: 212 736 2427 Authorized User Name Davidson, Davidson & Kappel Email Address: ddk@ddkpatent.com M9/15/2011 KNEWYENT MMMMMMA7 500550 3138627 9. Signature: September 13, 2011 01 FC:8021 Signature Date William C. Gehris, Reg. No. 38,156

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3

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P807404 USIA

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5038,1100

ASSIGNMENT

WHEREAS, I (We), Martin FESSLER-KNOBEL, residing at Oefelestr. 18, 81543 Muenchen, Germany, and Roland Huttner, residing at Jahnstr. 21 A, 82287 Jesenwang, Germany, ASSIGNOR(S), have invented certain new and useful improvements in APPARATUS AND METHOD FOR FIXING A COMPONENT TO A COMPONENT CARRIER, an application for a Patent of the United States for which:

	I (we) am (are) about to	execute;			•
	was executed on	<u> </u>			(date(s));
X X X	is identified by Davidso	n, Davidson & Kar	pel, LLC, Docke	et No. 5038.1100;	-
X	was filed on May 8, 20	10 as International	Application Seri	ial No. PCT/DE20	10/000512;
X	I (we) hereby authorize	and request our at	torney, Davidsor	n, Davidson & Kap	pel, LLC of 485
	Seventh Avenue, 14th				
	(Application number		, filed	,) the filing date
	and application number	of said application	n when known; a	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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PATENT REEL: 026962 FRAME: 0667 ASSIGNMENT 5038.1100

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: 07/22/201/

Martin FESSLER-KNOBEL

Dated: 26.7.2011

Roland HUTTNER