

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2833703

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	04/09/2013
CONVEYING PARTY DATA	
Name	Execution Date
FORSCHUNGSZENTRUM JUELICH GMBH	04/22/2014
RECEIVING PARTY DATA	
Name:	MTU AERO ENGINES GMBH
Street Address:	DACHAUER STR. 665
City:	MUENCHEN
State/Country:	GERMANY
Postal Code:	D-80995
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7445851
CORRESPONDENCE DATA	
Fax Number:	(207)862-4681
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	207-862-4671
Email:	FASSEPAT@TDS.NET
Correspondent Name:	FASSE PATENT ATTORNEYS, P.A.
Address Line 1:	P.O. BOX 726
Address Line 4:	HAMPDEN, MAINE 04444-0726
ATTORNEY DOCKET NUMBER:	4973
NAME OF SUBMITTER:	WALTER F. FASSE
SIGNATURE:	/Walter F. Fasse/
DATE SIGNED:	04/29/2014
Total Attachments: 2	
source=4973AssSign#page1.tif	
source=4973AssSign#page2.tif	

AFFIRMATORY ASSIGNMENT OF JOINT INTEREST IN US PATENT

WHEREAS Assignor: Forschungszentrum Juelich GmbH
of: D-52425 Juelich, Germany

on the **Effective Date of April 9, 2013** was the lawful owner of an undivided joint ownership share of the entire right, title and interest in:

US Patent 7,445,851 (Christian FRIEDRICH et al.)
Issued: November 4, 2008
Title: Heat-Insulating Layer System

and of an undivided joint ownership share of the entire right, title and interest in the Invention disclosed and claimed in said US Patent, in the United States of America, by virtue of previous assignments recorded in the USPTO on March 15, 2007 at Reel/Frame 019026/0509 and at Reel/Frame 019026/0578;

WHEREAS Assignee: MTU Aero Engines GmbH
of: Dachauer Str. 665, D-80995 Muenchen, Germany

including its heirs, successors and assigns, on the **Effective Date of April 9, 2013** was also a lawful owner of an undivided joint ownership share of the entire right, title and interest in said US Patent and said Invention by virtue of the previous assignments recorded in the USPTO on March 15, 2007 at Reel/Frame 019026/0509 and at Reel/Frame 019026/0578, and whereas said Assignee on the **Effective Date of April 9, 2013** desired to acquire from said Assignor said Assignor's undivided joint ownership share of the entire right, title and interest in said US Patent and said Invention in the United States of America so that said Assignee would become the sole exclusive owner of the entirety of said entire right, title and interest in said US Patent and said Invention in the United States of America;

WHEREAS by a separate instrument with an **Effective Date of April 9, 2013**, said Assignor has transferred said US Patent with all its rights and obligations to said Assignee;

THEREFORE, for and in consideration of ten Dollars (\$10.00) or equivalent foreign currency and other valuable consideration paid to said Assignor, the receipt of which is hereby acknowledged, said Assignor hereby assigns, sells and transfers or affirms that said Assignor has assigned, sold and transferred unto said Assignee for the territory of the United States of America, effective on the **Effective Date of April 9, 2013**, said Assignor's undivided joint ownership share of the entire right, title and interest in and to said US Patent and any re-examinations and re-issues thereof, and said Invention disclosed and claimed therein, and including the right to sue for and to collect damages for any past infringement of said US Patent, to be held and enjoyed by said Assignee for its own use and behoof, and for its heirs, assigns and successors, to the full end of the term of said US Patent and for the maximum duration that any interest herein assigned may be maintained, subject to payment of maintenance fees and/or other legal requirements for maintaining said US Patent in force, as fully and entirely as the same would have been held by said Assignor had this assignment and sale not been made, so that said Assignee thereby has become the sole exclusive owner of the entirety of said entire right, title and interest in said US Patent and said Invention in the United States of America. Said Assignor further covenants that said Assignor has the full right to convey the entire right, title and interest herein assigned, and that said Assignor has not made, and will not make any statement, agreement or conveyance in conflict herewith.

AFFIRMATORY ASSIGNMENT OF JOINT INTEREST IN US PATENT

US Patent 7,445,851 (Christian FRIEDRICH et al.)

Issued: November 4, 2008


Title: Heat-Insulating Layer System

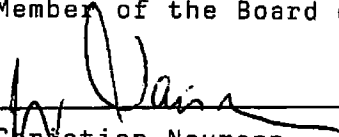
CONTINUED from prior page

DECLARATION: The undersigned being hereby warned that willful false statements and the like are punishable by fine or imprisonment, or both, under US law 18 USC 1001, and that such willful false statements and the like may jeopardize the validity of this document or title to said US Patent and said Invention, declares that all statements made on personal knowledge are true, and that all statements made on information and belief are believed to be true. The undersigned declares under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

IN TESTIMONY WHEREOF, I/we, the undersigned fully authorized legal representative(s) of said Assignor have executed this Assignment on the date indicated as an act of and on behalf of said Assignor, to be effective as of the Effective Date of April 9, 2013:

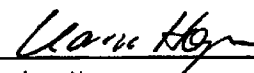
Forschungszentrum Juelich GmbH
D-52425 Juelich, Germany

Signature:  Date of Signature: April 22, 2014
Name: Karsten Beneke
Position: Member of the Board of Directors

Signature:  Date of Signature: April 22, 2014
Name: Christian Naumann
Position: Officer empowered to sign

WITNESS STATEMENT:

I, the undersigned witness, hereby declare that I was present and did see the above named person(s), who is/are known to me, sign this document before me today.

Witness Signature:  Date: April 22, 2014
Witness name: Dr. Karin Hoppe
Address: Dechant-Fassbender Str. 36
40670 Meerbusch