

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Holger LIPOWSKY</td> <td>10/31/2010</td> </tr> <tr> <td>Stephan STAUDACHER</td> <td>11/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Holger LIPOWSKY	10/31/2010	Stephan STAUDACHER	11/06/2010				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MTU Aero Engines GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Dachauer Strasse 665</td> </tr> <tr> <td>City:</td> <td>Munich</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>80995</td> </tr> </table>		Name:	MTU Aero Engines GmbH	Street Address:	Dachauer Strasse 665	City:	Munich	State/Country:	GERMANY	Postal Code:	80995
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (202)628-8844</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949-263-8400</p> <p>Email: bmunoz@crowell.com</p> <p>Correspondent Name: Crowell & Moring LLP</p> <p>Address Line 1: Intellectual Property Group</p> <p>Address Line 2: P.O. Box 14300</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300</p>											
ATTORNEY DOCKET NUMBER:	011235.62903US										
NAME OF SUBMITTER:	Robert L. Grabarek, Jr.										
<p>Total Attachments: 4</p> <p>source=62903USAssignment#page1.tif</p> <p>source=62903USAssignment#page2.tif</p>											

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

MTU Aero Engines GmbH
Dachauer Strasse 665
80995 Munich
Germany

(hereinafter ASSIGNEES) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

DEVICE AND METHOD FOR MONITORING A GAS TURBINE

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,
☐ executed on ____,
☐ Application No. _____ filed _____,
☒ PCT International Application, No.: PCT/DE2009/000631, filed April 30, 2009,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEES, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEES, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEES, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEES, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEES, its successors, or assigns or to assist said ASSIGNEES, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Inventor one:
Citizen of: Germany

Holger LIPOWSKY

(Signature of witness (optional))

Dr. Holger Lipowsky
(Signature of 1st inventor)

31.10.2010
(Date)

Inventor two:
Citizen of: Germany

Stephan STAUDACHER

(Signature of witness (optional))

(Signature of 2nd inventor)

(Date)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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(Signature of 1st inventor)

(Date)

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Citizen of: Germany

Stephan STAUDACHER

(Signature of witness (optional))

Stephan Staudacher

(Signature of 2nd inventor)

06/11/2010

(Date)

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