


FORM PTO-1595 1-31-02		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): 1) STEPHEN HOFFMANN-IVY 2) PATRICK CHEPPE 3) JEAN-MICHEL DUCHAZEUBENEIX 4) ERWIN BAYER Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: 1) MTU AERO ENGINES GMBH 2) SONATS Address: 1) DACHAUER STR. 665 D-80955 MUENCHEN GERMANY 2) 2, RUE DE LA FONDERIE F-44475 CARQUEFOU CEDEX FRANCE Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 1) 07/02/07, 2) 05/27/07, 3) 05/25/07, 4) 07/04/07					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 11/792,756 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Walter F. Fasse</u> _____ <u>Fasse Patent Attorneys, P.A.</u> _____ <u>P.O. Box 726</u> _____ <u>Hampden, Maine, 04444-0726</u> _____ <u>Tel. 207-862-4671</u> _____ <u>Fax. 207-862-4681</u>			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>50-0507</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>W. F. Fasse</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>July 6, 2007</u> Date </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 10px;"> <div style="width: 40%;">Docket No.: 4990</div> <div style="width: 40%; text-align: center;"> Total number of pages <u>including</u> cover sheet: 2 </div> </div>					

Enclosures: Assignment

CERTIFICATE OF FAX TRANSMISSION:

I hereby certify that this correspondence with all indicated enclosures is being transmitted by telefax to 571-273-0140 on the date indicated below, and is addressed to:

COMMISSIONER FOR PATENTS, PO BOX 1450, ALEXANDRIA, VA 22313-1450

Harin Smith - July 6, 2007
 NAD0332570n Smith - Date: July 6, 2007

PATENT
REEL: 019527 FRAME: 0231

CH \$40.00 500507 11792756

11/792,756

Docket No.: 4990

ASSIGNMENT OF INVENTION, PATENT APPLICATION, AND PATENT

Whereas Assignors

- 1) Stephen HOFFMANN-IVY, Falkenstr. 12, D-85757 Karlfeld, Fed. Rep. of Germany
 - 2) Patrick CHEPPE, 10, avenue du Chatelier, F-44115 Basse Goulaine, France
 - 3) Jean-Michel DUCHAZEAUBENEIX, 3, rue du Clos des Granges, F-44840 Les Sorinières, France
 - 4) Erwin BAYER, Ostenstr. 36, D-85221 Dachau, Fed. Rep. of Germany
- have invented certain new and useful improvements in the invention entitled:

METHOD FOR SURFACE BLASTING CAVITIES, PARTICULARLY CAVITIES IN GAS TURBINES

as described and as claimed in the Application for Letters Patent of the United States of America executed by the Assignors on: _____ (the same date as this Assignment unless otherwise set forth), and as filed in the U. S. Patent and Trademark Office on: _____ under U. S. Application Serial No.: _____, and as identified by Attorney Docket No. 4990; being the U.S. National Phase of PCT Application PCT/DE2005/002205;

And Whereas, Assignees:

- 1) MTU Aero Engines GmbH, of Dachauer Str. 665, D-80955 Muenchen, Federal Republic of Germany; and
- 2) SONATS, of 2, Rue de la Fonderie, F-44475 Carquefou Cedex, France

including their respective heirs, successors and assigns are desirous of jointly acquiring undivided shares of the entire and exclusive right, title, and interest in said invention and any and all Letters Patents that may be granted therefor in the United States of America:

Now Therefore, in consideration of ONE Dollar (\$1.00) or equivalent foreign currency and other valuable consideration, the receipt of which by said Assignors is acknowledged, said Assignors hereby assign, sell and transfer jointly unto said Assignees the entire and exclusive right, title and interest in and to said invention, said Application, any and all continuations, divisions, reissues, reexaminations and extensions of said Application, any and all rights of priority pertaining to said invention or said Application, and said Letters Patents granted therefor, in the United States of America, for the full term or terms of said Letters Patents and for the maximum duration that any interest assigned herein may be maintained, to be held and enjoyed by said Assignees including their heirs, successors, and assigns as fully and entirely as the same would have been held by said Assignors had no Assignment thereof been made. Said Assignors covenant that they have the full right to convey the entire right, title and interest herein assigned, and that they have not made, and will not make any statement, agreement or conveyance in conflict herewith.

Said Assignors further agree to cooperate with said Assignees, execute all truthful papers, and take such actions in connection with said Application and any continuations, divisions, reissues, reexaminations and extensions thereof, in any interference or proceeding in relation thereto, and in any foreign applications corresponding thereto, as requested by said Assignees. Said Assignors hereby authorize said Assignees to control and direct the prosecution of said Application and any and all continuations, divisions, reissues, re-examinations and extensions thereof.

Said Assignors authorize and request that said Letters Patents granted for said invention should be issued to and in the name of said Assignees.

In Testimony Whereof, We, said Assignors, hereunto set our hands on the date indicated:

Signature: <u>Stephen Hoffmann-Ivy</u> <u>July 2, 2007</u> Stephen HOFFMANN-IVY Date	Witness: <u>W. J. J.</u> <u>June 2, 2007</u> Date
Signature: <u>Patrick Cheppe</u> <u>May 27, 2007</u> Patrick CHEPPE Date	Witness: <u>Patrick Gascion</u> <u>May 28, 2007</u> Date
Signature: <u>Jean-Michel Duchazeaubeneix</u> <u>May 25, 2007</u> Jean-Michel DUCHAZEAUBENEIX Date	Witness: <u>Vincent Desfontaine</u> <u>May 28, 2007</u> Date
Signature: <u>Erwin Bayer</u> <u>4.7.07</u> Erwin BAYER Date	Witness: <u>G. Maus</u> <u>4.7.07</u> Date

PATENT

RECORDED: 07/06/2007

REEL: 019527 FRAME: 0232