

10/20/05

10-24-2005



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Attorney Docket No.: 011235.56591US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Martin HOEGER
Franz MALZACHER

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: MTU Aero Engines GmbH
Dachauer Strasse 665
80995 Muenchen
Germany

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 9/9/05; 7/28/05

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
11/190,447

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Crowell & Moring LLP
Internal Address: _____
Street Address: Intellectual Property Group
P.O. Box 14300
City: Washington
State: D.C. Zip: 20044-4300
Phone Number: 202-624-2500
Fax Number: 202-628-8844
Email Address: _____

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
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9. Signature:

Signature

10/13/2005

Date

Robert L. Grabarek, Jr. Reg. No. 40,625

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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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 München, Germany

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

FLOW STRUCTURE FOR A GAS TURBINE

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

- executed concurrently herewith,
- executed on ____,
- Serial No. ____, filed ____,
- PCT International Application, No.: ____, filed ____,

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 ASSIGNEE, 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 ASSIGNEE, 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 ASSIGNEE, 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 ASSIGNEE, 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 therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, 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

Martin HOEGER

G. Hauer
(Signature of witness (optional))

M. Hoeger
(Signature of 1st inventor)

J. S. 2005
(Date)

ASSIGNMENT

Attorney Docket No.: 100776.56591US

Inventor two:
Citizen of: Germany

Franz MALZACHER

G. Maus
(Signature of witness (optional))

[Handwritten Signature]
(Signature of 2nd Inventor)

28-7-05
(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.