

07-18-2005



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
Name of conveying parties/Execution Dates:	2. Name and address of receiving party(les)
(1) Stefan BEICHL (2) Alexander RAUSCHMEIER  Execution Date(s) (1) 02/07/05 (2) 02/02/05  Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other	Name: MTU AERO ENGINES GmbH  Street Address: Dachauer Strasse 665 D-80995 Muechen GERMANY  Additional name(s) & address(es) attached?  Yes No
4. Application number(s) or patent number(s):   A. Patent Application No.(s)  10/518,483	ocument is being filed together with a new application.  B. Patent Registration No.(s)
 Additional number(s) attached?	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Crowell & Moring LLP  Street Address: Intellectual Property Group PO Box 14300 Washington, DC 20044-4300  Phone Number: 202-624-2500 Fax Number: 202-628-8844	6. Total number of applications and patents involved 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
9. Signature:  Signature  Signature	b. Deposit Account Number 05-1323  Authorized User Name  July 13, 2005  Date
Mark H. Neblett, Registration No. 42,028  Name of Person Signing	Total number of pages including cover \$\frac{1}{25}\$ sheet, attachments, and documents: 3\$\frac{1}{25}\$

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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**REEL: 016767 FRAME: 0042** 

## 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 D-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:

## Sealing Arrangement for Sealing a Gap Between Two Components Which Can Rotate in Relation to Each Other About a Common Rotational Axis

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

	•••
	executed concurrently herewith, executed on, Serial No, filed, PCT International Application, No.: PCT/DE03/01973, filed June 13, 2003,
n and to soid l	United States Potent Application including any and all divisions or continuations thereo

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.

Stefan BEICHL

(Signature of witness (optional))

nature of 1st inventor

(Date)

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PATENT REEL: 016767 FRAME: 0043 Alexander RAUSCHMEIER

(Signature of witness (optional))

Signature of 2<sup>nd</sup> inventor)

02.62.03

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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