1530-02	
RE( 06-16-	HEE! OF
To the Honorable Commissioner of documents or copy thereof.	7543. 1 rease record the attached original
Name of conveying party(ies):     Mario Ragwitz     Holger Kantz  Additional name(s) of conveying party(ies) attached? □Yes ■No	2. Name and address of receiving party(ies): Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V., a German corporation Hofgartenstrasse 8 80539 Munchen, Germany
3. Nature of conveyance:	Additional name(s) and address(es) attached? ☐ Yes ■ No
□ Assignment □ Merger □ Security Agreement □ Change of Name ■ Other Correction in Assignee's name	OFFICE 2003 C FIN
Execution Date: March 10, 2003	FILANCE
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, to the second of the secon</li></ul>	
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved: 1
document should be mailed:	7. Total fee (37 CFR 3.41) \$40.00
IP Department Piper Rudnick LLP 3400 Two Logan Square 18 <sup>th</sup> and Arch Streets Philadelphia, PA 19103-2762	■ Enclosed □ Authorized to be charged to deposit account  8. Deposit Account No. 50-2719
Timadelpina, TT 19165 2762	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information of the original document  T. Daniel Christenbury  Name of Person Signing  Signature  Total	ion is true and correct and any attached copy is a true copy  28 27 203  Date  number of pages including one cover sheet, attachments and document: 2
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To the Honorable Commiss documents or copy thereof.	ioner of 1.02448095	פאונווע. Please record the attached original	
Name of conveying party(ies):     Mario Ragwitz     Holger Kantz	4-77.63	Name and address of receiving party(ies):     Max-Planck-Gesselschaft zur Forderund der Wissenschaften e.V., a German corporation     Hofgartenstrasse 8	
Additional name(s) of conveying par	rty(ies) attached? □Yes ■No	80539 Munchen, Germany	
3. Nature of conveyance:		Additional name(s) and address(es) attached? ☐ Yes ■ No	
■ Assignment □ Merger □ Security Agreement □ Change o □ Other			
Execution Date: 3/10/03			
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) 10/332,185 Additional numbers attac	B. Patent No.(s)		
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T. Daniel Christenbury Name of Person Signing	Signature	25 APR 2003  Date	
Total number of pages including one cover sheet, attachments and document: 2			
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## <u>1530-02</u>

## **ASSIGNMENT**

WHEREAS, We, Mario Ragwitz and Holger Kantz, citizens of Germany residing at Bautzner Landstrasse 78, 01324 Dresden, Germany and Kaizer Strasse 113, 01187 Dresden, Germany, respectively (hereinafter referred to as the undersigned), having made an invention entitled METHOD AND DEVICE FOR PROCESSING AND PREDICTING THE FLOW PARAMETERS OF TURBULENT MEDIA for which on the date set forth below, unless otherwise indicated here, 2/10/03 & 2/6/03, the undersigned executed an application for United States Letters Patent, respectively,

WHEREAS, Max-Planck-Gesselschaft zur Forderung der Wissenschaften e.V., a German corporation, with offices at Hofgartenstrasse 8, 80539 Munchen, Germany, (hereinafter referred to assignee), is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED o	n March 10	, 2003 at <u>Dresolen</u> .
		Mario Ragwitz
		Harro Ragwitz
		Holger Kantz
Witness		

PATENT RECORDED: 10/30/2003 REEL: 015474 FRAME: 0691