10/332185

,	05-15-2003	- 25 APR 200°
		VER SHEET
1530-02		r r
To the Honorable Commissione documents or copy thereof.	102448005	Please record the attached original
1. Name of conveying party(ies):  Mario Ragwitz  Holger Kantz  Additional name(s) of conveying party(ies):  Nature of conveyance:  ■ Assignment □ Merger □ Security Agreement □ Change of Nature Other □ Other □ Execution Date: 3/10/03	me	<ul> <li>Name and address of receiving party(ies):         Max-Planck-Gesselschaft zur Forderund der Wissenschaften         e.V., a German corporation         Hofgartenstrasse 8         80539 Munchen, Germany</li> <li>Additional name(s) and address(es) attached? □ Yes ■ No</li> </ul>
4. Application number(s) or patent numb  If this document is being filed together  A. Patent Application No.(s)  10/332,185		execution date of the application is:
Additional numbers attached?	☐ Yes ■ No	
5. Name and address of party to whom co document should be mailed:	rrespondence concerning	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00
P Department Piper Rudnick LLP 400 Two Logan Square 18 <sup>th</sup> and Arch Streets		■ Enclosed □ Authorized to be charged to deposit account
Philadelphia, PA 19103-2762		8. Deposit Account No. 50-1442 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.	1	
To the best of my knowledge and belief of the original document	, the foregoing information	is true and correct and any attached copy is a true copy
Γ. Daniel Christenbury Name of Person Signing	Signature Total nun	Date  Date of pages including one cover sheet, attachments and document: 2

PATENT REEL: 014054 FRAME: 0532

## **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 on Masch 10	, 20 <u>03</u> at) resolen
	pario RV
	Mario Ragwitz
	Holger Kantz
Witness	

PATENT RECORDED: 04/25/2003 REEL: 014054 FRAME: 0533