DT20 Rec'd PCT/PTO 0 8 DEC 2015 Docket No.: FIS920030120 DOCKET NO.: FIS920030120

FORM PTO-1595 (Modified) (Rev. 03-01)	12-15-2003		SHEET	U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp. 5/31/2002) POB/REV03 12-803			Y	Patent and Trademark Office
Tab settings → → ▼ To the Director of the United States ra	ueni 102622694	U	vrd the attached o	priginal documents or copy thereof
1. Name of conveying party(ies): Frederick William Buehrer Dureseti Chidambarrao Bruce B. Doris Hsiang-Jen Huang Haining Yang		2. Name Name	and address of re	eceiving party(ies): usiness Machines Corporation
Additional names(s) of conveying party(ies)	☐ Yes 🛛 No			
3. Nature of conveyance:				
	Merger	Street	Address: New O	rchard Road
☐ Security Agreement ☐	Change of Name			
☐ Other		City: £	Armonk	State: <u>NY</u> ZIP: <u>10504</u>
Execution Date: 11/17/03, 11/13/03/, 11/	13/03, 11/24/03, 11/12	Additional	name(s) & address	s(es) attached? Yes No
PCT/US03/B.	902S Additional numbers attact	ned? □	Yes ⊠ No	
5. Name and address of party to whom concerning document should be maile		6. Total r	number of applica	tions and patents involved:
Name: Joseph P. Abate		7. Total f	ee (37 CFR 3.41)	:\$ 40,00
Internal Address: Customer No.32074		☐ Er	iclosed - Any exce	ess or insufficiency should be to deposit account
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Street Address:		8. Depos	it account numbe	r:
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O. Chatamant and signature	DO NOT L	JSE THIS SF	ACE	
 Statement and signature. To the best of my knowledge and belief of the original document. 	ef, the foregoing informa	ation is true	and correct and	any attached copy is a true copy
Joseph P. Abate, Reg. No. 30,238				12-08-03
Name of Person Signing Total number of	pages including cover sh	Signati eet) attachn		nt: Date

Mail documents to be recorded with required cover sheet information to:

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PATENT

REEL: 014778 FRAME: 0555

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"), Armonk, New York 10504

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefore relating to:

Title of Invention for United States Patent	Reduction of Boron Diffusivity in	n PFETS		
by each inventor sign	States Patent Application executed ature below, and further identified bed concurrently herewith or 🗓 Seria	y Attorney Docket N	umber; FIS920030120	ited
in and to any and all I obtained therefor which	States Patent Application including Letters Patent of the United States a ch may issue on any such application or extensions thereof, to be held and	and foreign patents an on or for said inventior	id all rights of priority to be n therein disclosed, includir	ng

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 undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to

issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sel and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;

Each undersigned inventor hereby grants the IBM and the firm of the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of New York.

PATENT REEL: 014778 FRAME: 0556

Executed by Inventor 1 of 5

Signature:	Date:
	Frederick William Buehrer
	Executed by Inventor 2 of 5
Signature:	Date:
	Dureseti Chidambarrao
	Executed by Inventor 3 of 5
Signature:	Date:
	Bruce B. Doris
· · · · · · · · · · · · · · · · · · ·	Executed by Inventor 4 of 5
Signature:	Date: Nov 24, 2003 Hsiang-Jen Huang
· · · · · · · · · · · · · · · · · · ·	Executed by Inventor 5 of 5
Signature:	Date:
	Haining Yang

PATENT REEL: 014778 FRAME: 0557

PATENT DOCKET NO. FIS920030120PC1

Executed by Inventor 1 of 5
Signature: Walk With Smell Date: 11/17/03
Frederick William Buehrer
Executed by Inventor 2 of 5
Signature: Date: 0/12/03
Dureseti Chidambarrao
Executed by Inventor 3 of 5
Signature:
Bruce B. Doris
Executed by Inventor 4 of 5
Signature:Date:
Hsiang-Jen Huang
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Signature:Date:
Haining Yang

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