Docket No.: 00750479AA 02-20-2004 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08/REV03 Tab settings - -To the Director of the United States Patent and Trademar attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Ashima B. Chakravarti, Anita Madan, Won-Hyeong Lee, Name: International Business Machines Corp. Internal Address: Additional names(s) of conveying party(ies) ☐ Yes ☒ No 3. Nature of conveyance: Street Address: New Orchard Road Assignment Merger ☐ Security Agreement ☐ Change of Name City: Armonk _____ State: NY ZIP: 10504 Other _ Execution Date: 10/10/03; 10/10/03; 10/10/03 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10/684,596 filed on October 15, 2003 Additional numbers attached? ☐ Yes **⊠** No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Michael E. Whitham 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Whitham, Curtis & Christofferson, PC ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Customer Number: 30743 Authorized to be charged to deposit account 8. Deposit account number: Street Address: 11491 Sunset Hill Road, Suite 340 09-0458 ZIP: 20190 City: Reston State: Va (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is frue and correct and any attached copy is a true copy of the original document. Michael E. Whitham, Reg No. 32,635 February 9, 2004 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to:

REEL: 014979 FRAME: 0852

IBM Docket: FIS920030307US1

ASSIGNMENT

Whereas, We

Inventors

- **(1)** Ashima B. Chakravarti City of Hopewell Junction County of Dutchess and State of New York
- **(2)** Anita Madan City of Danbury County of Fairfield and State of Conneticut
- (3) Woo-Hyeong Lee City of Poughquag County of Dutchess and State of New York

has invented certain improvements in

Title

DEPOSITION OF CARBON AND NITROGEN DOPED POLY SILICON FILMS, AND RETARDED BORON DIFFUSION AND IMPROVED POLY **DEPLETION**

and have executed, respectively, a United States patent application therefor on

Dates That Inventor Signed the

- (1) October 10 2003.
- 2003.
- (2) October 10 (3) 10/10 2003.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns: and we hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

> PATENT REEL: 014979 FRAME: 0853

IBM Docket: FIS920030307US1

City Date	(1)	Signed at	Hopewell 3 Ashina	^	Chakowath	_signature
			(Ashima	B.	Chakravarti) inventor
			First Name	Middle Initial	Last Name	
City Date	(2)	Signed at on 10/10/03	Hopewell Avrila	Jct NY Madan		_signature
		, .	(Anita		Madan) inventor
			First Name	Middle Initial	Last Name	
City Date	(3)	Signed at on	Hopewell Jet, NY 10/10/03 signature			
			10/10/03			_signature
			(Woo-Hyeong		Lee) inventor
			First Name	Middle Initial	Last Name	

RECORDED: 02/09/2004

PATENT REEL: 014979 FRAME: 0854