Atty. Docket No. YOR920050126US1

RECORDATION	FORM	COVER	SHEET
PATE	ENTS C	NLY	

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Howard H. Chen Louis L. Hsu Name: International Business Machines Corporation Jack A. Mandelman Address: New Orchard Road Armonk, NY 10504 Additional name(s) of conveying Additional name(s) & addresses party(ies) attached? Yes X No attached? Yes X_ No 4. Patent Application number(s) 3. Nature of conveyance: 11/218198 X Assignment Execution Date(s): <u>August 31, 2005</u>, Execution Date(s): <u>August 31, 2005,</u> <u>August 19, 2005, August 19, 2005</u> August 19, 2005, August 19, 2005 5. Name and address of party to 6. Total number of applications whom correspondence concerning involved: 1 document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: Satheesh K. Karra Address: IBM Corporation X Charge to Deposit Account No.: Intellectual Property Law Dept. 09-0468 P.Q. Box 218 Yorktown Heights, NY 10598 DO NOT USE THIS SPACE 8. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document. <u>October 17, 2005</u> NA Satheesh K. Karra (Reg. No. 40,246) Signature Date Name of Person Signing Total Number of pages including cover sheet, attachments, and document: 5 DO NOT DETACH THIS PORTION Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and

reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

> PATENT REEL: 016897 FRAME: 0193

700218091

INVENTOR

Assignment

Whereas, we

INVENTOR			
AND CITY	(1) Howard H. Chen County of Westchester		of Yorktown Heights and State of New York
INVENTOR			
AND CITY	(2) Louis L. Hsu		of Fishkill
	County of Dutchess		and State of New York
INVENTOR			
AND CITY	(3) Jack A. Mandelman		of Flat Rock
	County of Henderson		and State of North Carolina
	1 1 4 1 4.1 4.1		
	have invented certain impro	vements in	
TITLE	METHOD TO INTEGRAT	E AND FABRICATE CO	
	DIELECTRICALLY-ISOL		
	SEMICONDUCTOR MAT		
	1	- Thile d Carton materia anglis	nation therafor on
	and executed, respectively,		
DATES THAT		2005, and (2) $8/19$	7 2005,
INVENTORS	(3) 2	2005,	
SIGNED THE			
DECLARATION			

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, we, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

	Signed and sealed	Λ	
CITY AND DATE	(1) at Yorktown on August 31, 2005,	(Howard H. FIRST NAME MIDDLE INITIAL	Chen) INVENTOR LAST NAME

PATENT REEL: 016897 FRAME: 0194 on

(JOINT FORM)

CITY AND DATE

(2) at Hopewell JcT on Ang, 19 2005, < AND SIGNATURE) INVENTOR (Louis Hsu L. FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND (3) at DATE

2005,

<u></u>		SIGNATURE
(Jack	А.	Mandelman) INVENTOR
FIRST NAME	MIDDLE INITIAL	LAST NAME

Assignment

	Whereas, we		
INVENTOR	(1) Howard H. Chen		of Yorktown Heights
AND CITY	County of Westchester		and State of New York
INVENTOR	(2) Louis L. Hsu		of Fishkill
AND CITY	County of Dutchess		and State of New York
INVENTOR	(3) Jack A. Mandelman		of Flat Rock
AND CITY	County of Henderson		and State of North Carolina
TITLE	DIELECTRICALLY-ISO	TE AND FABRICATE COF LATED REGIONS OF DIFF TERIALS ON A SUBSTRA	ERENT
DATES THAT INVENTORS SIGNED THE DECLARATION	 and executed, respectively. (1) (3) 19 Αυ Cosτ 	, a United States patent applica 2005, and (2) 2005,	ation therefor on 2005,

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, we, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND	(1) at	
DATE	on	

2005,

			SIGNATURE
(Howard	H.	Chen) INVENTOR
FIRST NAME	MIDDLE INITIAL	LAST NA	AME

PATENT REEL: 016897 FRAME: 0196

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OCT 17 '05 11:38 FR IBM

CITY AND DATE	(2) at on	2005,				SIGNATURE
			(Louis	L.	Hsu) INVENTOR
			FIRST NAME	MIDDLE INITIAL	LAST NA	AME
CITY AND	(3) at FLAT	ROCK NC				
DATE	on 19 A	verst 2005,	Jack a	- mandelm A.	. <u></u>	SIGNATURE
						nan) INVENTOR
			FIRST NAME	MIDDLE INITIAL	LAST N/	AME