

Docket No.: YOR920040389US1 (18122)

FORM PTO-1585 (Modified) (Rev. 03-01) OMB No. 0351-0027 (exp. 5/31/2002) P08A/REV03		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Ching-Te Kent Chuang; Koushik Kumar Das; and Shih-Hsien Lo		2. Name and address of receiving party(ies): Name: International Business Machines Corporation Address: New Orchard Road			
Additional names(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		City: Armonk, State/Prov.: New York Country: USA ZIP: 10504			
Execution Date: March 31, 2005		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			
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: _____ Patent Application No. Filing date B. Patent No.(s) 11/100,883 April 7, 2005					
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John S. Sensny Registration No. 28,757 Address: Scully, Scott, Murphy & Presser 400 Garden City Plaza - Suite 300 City: Garden City State/Prov.: NY Country: USA ZIP: 11530		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):.....\$ 40.00 <input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-0510/IBM (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> John S. Sensny <i>John S. Sensny</i> May 4, 2005 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 3					

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

700176513

PATENT
REEL: 016189 FRAME: 0164

IBM Docket No.: YOR920040389US1
SSMP: 18122

ASSIGNMENT

Whereas, we

Inventor and City	(1) Ching-Te Kent Chuang County of Westchester	City of South Salem and State of New York
and	(2) Koushik Kumar Das County of Westchester	City of Yorktown Heights and State of New York
and	(3) Shih-Hsien Lo County of Westchester	City of Mount Kisco and State of New York

have invented certain improvements in

Title HIGH PERFORMANCE PFET HEADER IN HYBRID ORIENTATION TECHNOLOGY FOR LEAKAGE REDUCTION IN
DIGITAL CMOS VLSI DESIGNS

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

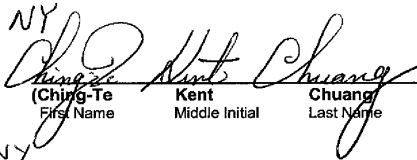
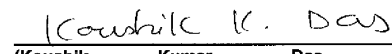
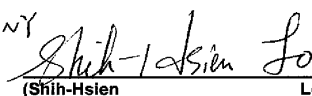
Inventors Signed the Declaration	(1) 3/31	2005, and (2) 3/31	2005, and
	(3) 3/31	2005.	

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 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 we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

IBM Docket No.: END920040389US1
SSMP: 18122

ASSIGNMENT

City	(1) Signed at	Yorktown Heights, NY		signature
Date	on	March 31, 2005		
			(Ching-Te Kent Chuang)	inventor
			First Name Middle Initial Last Name	
City	(2) Signed at	Yorktown Heights, NY		signature
Date	on	March 31, 2005		
			(Koushik Kumar Das)	inventor
			First Name Middle Initial Last Name	
City	(3) Signed at	Yorktown Heights, NY		signature
Date	on	March 31, 2005		
			(Shih-Hsien Lo)	inventor
			First Name Middle Initial Last Name	