Docket No.: POU920030074US1 05-20-2003 FORM PTO-1595 (Modified) SHEET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 102452631 Tab settings → → 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): Yuen H. Chan, Rajiv Joshi, Antonio R. Pelella, John R. Rawlins and Jatinder K. Wadhwa Name: International Business Machines Corporation Address: New Orchard Road ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger ☐ Security Agreement ☐ Change of Name City: Armonk State/Prov.: NY ZIP: 10504 ☐ Other Country: USA Execution Date: 5-9-2003 Additional name(s) & address(es) ☐ Yes ⊠ 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: 5-9-2003 Patent Application No. Filing date B. Patent No.(s) ☐ Yes ☒ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Philmore H. Colburn II 7. Total fee (37 CFR 3.41):.....\$ 40.00 35,101 Registration No. ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Cantor Colburn LLP Authorized to be charged to deposit account 55 Griffin Road South 8. Deposit account number: City: Bloomfiled State/Prov.: CT 09-0463 (Attach duplicate copy of this page if paying by deposit accounts) ZIP: 06002 Country: USA DO NOT USE THIS SPACE 舌 9. Statement and signature. 8 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true of the original document. May 12, 2003 Troy J. LaMontagne, Reg. No. 47,239 Name of Person Signing Date Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to: PATENT Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

REEL: 014069 FRAME: 0169

ASSIGNMENT

Whereas, We

Inventor	(1)	Yuen H. Chan of 35 County of Dutchess	High Acres Drive City of Poughkeepsie and State of NY 12603
Inventor	(2)	Rajiv Joshi of 1418 County of Westchest	Pinebrook Court City of Yorktown Heights er and State of NY 10598
Inventor	(3)	Antonio R. Pelella (County of Orange	of 24 Regina Road City of Highland Falls and State of NY 10928
Inventor	(4)	John R. Rawlins of Z County of Ulster	20 Hawk Hill Road City of New Paltz and State of NY 12561
Inventor	(5)	Jatinder K. Wadhwa of City of Wappingers County of Dutchess	of 34C Winthrop Court Falls and State of NY 12590

have invented certain improvements in

HIGH PERFORMANCE DUAL-STAGE SENSE AMPLIFIER CIRCUIT

and executed, respectively, a United States patent application therefore on

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(3)	antono R. Pelella	(4) Solt Zelo
(5)	Wing 2009	
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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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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.

(1) at Poughkeepsie NY
on Hey 9, 2003

(2) at
on

(3) at Poughkeepsie Ni
on May 9, 2003

(4) at Poughkeepsie, NY
on May 9, 2003

(5) at Poughkeepsie, NY
John R. Rawlins

ASSIGNMENT

Inventor (1) Yuen H. Chan of 35 High Acres Drive City of Poughkeepsie

Whereas, We

		County of Dutchess and State of NY 12603		
Inventor	(2)	Rajiv Joshi of 1418 Pinebrook Court City of Yorktown Heights County of Westchester and State of NY 10598		
Inventor	(3)	Antonio R. Pelella of 24 Regina Road City of Highland Falls County of Orange and State of NY 10928		
Inventor	(4)	John R. Rawlins of 20 Hawk Hill Road City of New Paltz County of Ulster and State of NY 12561		
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have invented certain improvements in				
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and executed, respectively, a United States patent application therefore on				
(1)		(2) May 9, 2003		
(3)		(4)		

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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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.

Signad	1
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(1)	at	
	on	Yuen H. Chan
(2)	on May 9, 2003	Rajiv Joshi
(3)	at	
	on	Antonio R. Pelella
(4)	at	
	on	John R. Rawlins
(5)	at	Jatinder K. Wadhwa
	on	nactives v. Mooning

RECORDED: 05/12/2003