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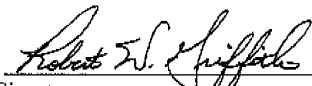
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1. Name of conveying party(ies): Manjul Bhushan and Mark B. Ketchen		2. Name and address of receiving party(ies) Name: International Business Machines Corporation Internal Address: Street Address: New Orchard Road City: Armonk State: NY ZIP: 10504	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) 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 Execution Date(s): August 3, 2005			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 11/179,874 B. Patent No.(s) 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: Robert W. Griffith Internal Address: Ryan, Mason & Lewis, LLP Street Address: 90 Forest Avenue City: Locust Valley State: NY ZIP: 11560		6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41)..... \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number 50-0510	

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Robert W. Griffith  August 4, 2005
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YOR920050020US1

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PATENT
REEL: 016611 FRAME: 0750

Attorney Docket No. YOR920050020US1

ASSIGNMENT

Whereas, we

Inventor
and City(1) **Manjul Bhushan**
County of Dutchessof Hopewell Junction
and State of New Yorkand (2) **Mark B. Ketchen**
County of Hampshireof Hadley
and State of Massachusetts

have invented certain improvements in

TITLE

**METHODS AND APPARATUS FOR MEASURING CHANGE IN PERFORMANCE OF
RING OSCILLATOR CIRCUIT**

and executed a United States patent application therefor on

DATE THAT (1) Aug 3, 2005 and (2) Aug 3, 2005.
INVENTORS
SIGNED THE
DECLARATION

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 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.

CITY Signed
(1) at Hopewell, NY
DATE on Aug 3, 2005, M. Bhushan SIGNATURE
(Manjul Bhushan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY Signed
(2) at Hadley, NY
DATE on Aug 3, 2005, Mark B. Ketchen SIGNATURE
(Mark B. Ketchen) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

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RECORDED: 08/04/2005

PATENT
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