

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Joseph E. Eckelman</td><td>02/15/2008</td></tr><tr><td>Kevin C. Gotze</td><td>02/15/2008</td></tr><tr><td>James A. Kyle</td><td>02/15/2008</td></tr><tr><td>Jennifer Yuk Sim Yan</td><td>02/15/2008</td></tr></tbody></table>		Name	Execution Date	Joseph E. Eckelman	02/15/2008	Kevin C. Gotze	02/15/2008	James A. Kyle	02/15/2008	Jennifer Yuk Sim Yan	02/15/2008
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Joseph E. Eckelman	02/15/2008										
Kevin C. Gotze	02/15/2008										
James A. Kyle	02/15/2008										
Jennifer Yuk Sim Yan	02/15/2008										
RECEIVING PARTY DATA											
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12032649</td></tr></tbody></table>		Property Type	Number	Application Number:	12032649						
Property Type	Number										
Application Number:	12032649										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Toni Catucci										
Total Attachments: 2											

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PATENT
REEL: 020520 FRAME: 0169

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IBM Docket No. R00920070039081

ASSIGNMENT

Whereas, we

INVENTOR
AND CITY(1) Joseph E. Eckelman
County of Dutchessof Hopewell Junction
State of New York

And

(2) Kevin C. Gotze
County of Washingtonof Aloha
State of Oregon

And

(3) James A. Kyle
County of Columbiaof Germantown
State of New York

And

(4) Jennifer Yuk Sim Yan
County of Dutchessof Fishkill
State of New York

have invented certain improvements in

TITLE ANALOG TESTING OF RING OSCILLATORS USING BUILT-IN SELF TEST APPARATUS

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10604, (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;

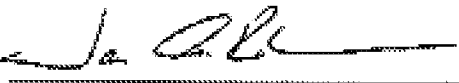
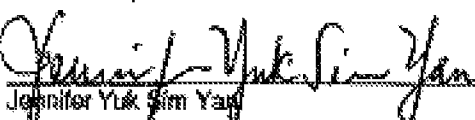
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all 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.

Signed


Joseph E. Eckelmanon Feb 15, 2008

Kevin C. Gotze

on _____, 2008


James A. Kyleon FEB 15, 2008
Jennifer Yuk Sim Yanon Feb 15, 2008

- 1 -

IBM Docket No. EOU920070039051

ASSIGNMENT

Whereas, we

INVENTOR
AND CITY(1) Joseph E. Eckelman
County of Dutchessof Hopewell Junction
State of New York

And

(2) Kevin C. Gotze
County of Washingtonof Alpha
State of Oregon

And

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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 in all 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.

Signed

Joseph E. Eckelman

on _____, 2008



Kevin C. Gotzeon 2/15/08, 2008_____
James A. Kyle

on _____, 2008

Jennifer Yuk Sim Yan

on _____, 2008

PATENT**RECORDED: 02/16/2008****REEL: 020520 FRAME: 0172**