

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Louis L.C. Hsu</td> <td>01/04/2008</td> </tr> <tr> <td>Rajiv V. Joshi</td> <td>01/21/2008</td> </tr> <tr> <td>Zhijian J. Yang</td> <td>01/04/2008</td> </tr> <tr> <td>Ping-Chuan Wang</td> <td>01/04/2008</td> </tr> </tbody> </table>		Name	Execution Date	Louis L.C. Hsu	01/04/2008	Rajiv V. Joshi	01/21/2008	Zhijian J. Yang	01/04/2008	Ping-Chuan Wang	01/04/2008
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RECEIVING PARTY DATA											
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION										
Street Address:	PO BOX 218										
City:	ARMONK										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12019240</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12019240						
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CORRESPONDENCE DATA											
Fax Number:	(516)496-3869										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	5164963868										
Email:	jim@ktb-iplaw.com										
Correspondent Name:	James J. Bitetto										
Address Line 1:	KEUSEY, TUTUNJIAN & BITETTO, P.C.										
Address Line 2:	20 Crossways Park North, Suite 210										
Address Line 4:	Woodbury, NEW YORK 11797										
ATTORNEY DOCKET NUMBER:	YYOR920070615US1 (163-200)										
NAME OF SUBMITTER:	James J. Bitetto										
Total Attachments: 3											

CH \$40.00 12019240

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**PATENT
 REEL: 020413 FRAME: 0814**

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ASSIGNMENT

INVENTOR AND CITY

Whereas, we

(1) Louis L. C. Hsu County of Dutchess and	of Fishkill, and State of New York,
(2) Rajiv V. Joshi County of Westchester and	of Yorktown Heights, and State of New York,
(3) Zhijian J. Yang County of Dutchess and	of Stormville, and State of New York,
(4) Ping-Chuan Wang County of Dutchess	of Hopewell Junction, and State of New York,

have invented certain improvements in

TITLE **SELF-REPAIR INTEGRATED CIRCUIT AND REPAIR METHOD**

DATES THAT INVENTORS SIGNED THE DECLARATION

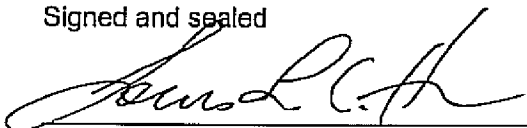
and executed, respectively, a United States patent application therefor on

(1) Jan 4, 2007, (2) 2008 L.C., 2007,
 (3) _____, 2007, (4) _____, 2007.

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 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 and sealed



 Louis L.C. Hsu (INVENTOR NAME)

on Jan 4, 2007, 2008 L.C.

Rajiv V. Joshi (INVENTOR NAME)

on _____, 2007

Zhijian J. Yang (INVENTOR NAME)

on _____, 2007

Ping-Chuan Wang (INVENTOR NAME)

on _____, 2007

Attorney Docket: YOR920070615US1 (163-200)

ASSIGNMENT

INVENTOR AND CITY

Whereas, we

(1) Louis L. C. Hsu of Fishkill, County of Dutchess and State of New York,
 and
 (2) Rajiv V. Joshi of Yorktown Heights, County of Westchester and State of New York,
 and
 (3) Zhijian J. Yang of Stormville, County of Dutchess and State of New York,
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 (3) _____, 2007, (4) _____, 2007.

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Signed and sealed

_____ on _____, 2007
 Louis L.C. Hsu (INVENTOR NAME)

Rajiv V. Joshi on Jan 21, 2008 2:45
 Rajiv V. Joshi (INVENTOR NAME)

_____ on _____, 2007
 Zhijian J. Yang (INVENTOR NAME)

_____ on _____, 2007
 Ping-Chuan Wang (INVENTOR NAME)

Attorney Docket: YOR920070615US1 (163-200)

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DECLARATION

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(3) 1/4, 2007, (4) 1/4, 2007. 2008 PCW

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Louis L.C. Hsu (INVENTOR NAME)

on _____, 2007

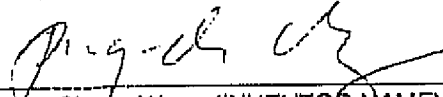
Rajiv V. Joshi (INVENTOR NAME)

on _____, 2007



Zhijian J. Yang (INVENTOR NAME)

on 1/4, 2007 PCW



Ping-Chuan Wang (INVENTOR NAME)

on 1/4, 2007 2008 PCW

PATENT