

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Choongyeun CHO</td> <td>08/06/2008</td> </tr> <tr> <td>Daeik KIM</td> <td>08/05/2008</td> </tr> <tr> <td>Jonghae KIM</td> <td>08/05/2008</td> </tr> <tr> <td>Moon Ju KIM</td> <td>08/06/2008</td> </tr> <tr> <td>James R. MOULIC</td> <td>08/06/2008</td> </tr> </tbody> </table>		Name	Execution Date	Choongyeun CHO	08/06/2008	Daeik KIM	08/05/2008	Jonghae KIM	08/05/2008	Moon Ju KIM	08/06/2008	James R. MOULIC	08/06/2008
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James R. MOULIC	08/06/2008												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION												
<b>Street Address:</b>	New Orchard Road												
<b>City:</b>	Armonk												
<b>State/Country:</b>	NEW YORK												
<b>Postal Code:</b>	10504												
<b>PROPERTY NUMBERS Total: 1</b>													
<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>12188243</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12188243								
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Application Number:	12188243												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(518)452-5579												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	518-452-5600												
<b>Email:</b>	sj@hrfmlaw.com												
<b>Correspondent Name:</b>	Kevin P. Radigan, Esq.												
<b>Address Line 1:</b>	HESLIN ROTHENBERG FARLEY & MESITI, P.C.												
<b>Address Line 2:</b>	5 Columbia Circle												
<b>Address Line 4:</b>	ALBANY, NEW YORK 12203												
<b>ATTORNEY DOCKET NUMBER:</b>	END920080203US1												
<b>NAME OF SUBMITTER:</b>	Kevin P. Radigan, Esq.												

CH \$40.00 12188243

**Total Attachments: 10**

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## ASSIGNMENT

Whereas, we

- |         |                                       |   |
|---------|---------------------------------------|---|
| (1)     | Choongyeun CHO<br>County of Dutchess  | of Hopewell Junction<br>State of New York |
| (2)     | Daeik KIM<br>County of Dutchess       | of Beacon<br>State of New York            |
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| (4)     | Moon Ju KIM<br>County of Dutchess     | of Wappingers Falls<br>State of New York  |
| - and - |                                       |   |
| (5)     | James R. MOULIC<br>County of Dutchess | of Poughkeepsie<br>State of New York      |

have invented certain improvements in

### **CIRCUIT STRUCTURES AND METHODS WITH BEOL LAYERS CONFIGURED TO BLOCK ELECTROMAGNETIC EDGE INTERFERENCE**

and executed a United States Patent Application therefor on

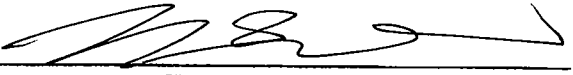
(1) 8/6/2008 (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_  
and (5) \_\_\_\_\_.

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 the 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 Patents 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 Patents 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

(1) at Hopewell Junction, NY  
on 8/6/2008

  
\_\_\_\_\_  
**Choongyeun CHO**

(2) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
**Daeik KIM**

(3) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
**Jonghae KIM**

(4) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
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(5) at \_\_\_\_\_  
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(3) at \_\_\_\_\_  
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\_\_\_\_\_  
**Choongyeun CHO**

(2) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
**Daeik KIM**

(3) at San Diego  
on August 5, 2008

  
\_\_\_\_\_  
**Jonghae KIM**

(4) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
**Moon Ju KIM**

(5) at \_\_\_\_\_  
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\_\_\_\_\_  
**Daeik KIM**

(3) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
**Jonghae KIM**

(4) at *Rough keep file NY*  
on *August 6, 2008*

*[Handwritten Signature]*  
\_\_\_\_\_  
**Moon Ju KIM**

(5) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
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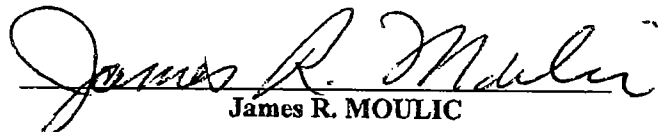
(3) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
**Jonghae KIM**

(4) at \_\_\_\_\_  
on \_\_\_\_\_

\_\_\_\_\_  
**Moon Ju KIM**

(5) at 3:55 pm  
on 8/6/2008

  
\_\_\_\_\_  
**James R. MOULIC**