

**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>Chih-Chao Yang</td> <td>07/23/2008</td> </tr> <tr> <td>Kaushik Chanda</td> <td>07/31/2008</td> </tr> <tr> <td>Daniel C. Edelstein</td> <td>07/23/2008</td> </tr> </tbody> </table>		Name	Execution Date	Chih-Chao Yang	07/23/2008	Kaushik Chanda	07/31/2008	Daniel C. Edelstein	07/23/2008
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Chih-Chao Yang	07/23/2008								
Kaushik Chanda	07/31/2008								
Daniel C. Edelstein	07/23/2008								
<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>12191522</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12191522				
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Application Number:	12191522								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(845)892-6363								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	845-894-3338								
<b>Email:</b>	lindadoh@us.ibm.com								
<b>Correspondent Name:</b>	International Business Machines Corp.								
<b>Address Line 1:</b>	2070 Rt. 52								
<b>Address Line 2:</b>	M/D 482								
<b>Address Line 4:</b>	Hopewell Junction, NEW YORK 12533								
<b>ATTORNEY DOCKET NUMBER:</b>	FIS920080277US1								
<b>NAME OF SUBMITTER:</b>	Lisa U. Jaklitsch								

**CH \$40.00 12191522**

Total Attachments: 2  
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**ASSIGNMENT**

Whereas, we

INVENTOR  
AND CITY

(1) **Chih-Chao Yang**  
County of Albany

of Glenmont,  
and State of New York

and (2) **Kaushik Chanda**  
County of Dutchess

of Fishkill,  
and State of New York,

and (3) **Daniel C. Edelstein**  
County of Westchester

of White Plains,  
and State of New York,

have invented certain improvements in

**METAL CAP FOR BACK END OF LINE (BEOL) INTERCONNECTS, DESIGN STRUCTURE AND METHOD OF MANUFACTURE**

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

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

(1) \_\_\_\_\_, 2008, (2) \_\_\_\_\_, 2008,

(3) 7/23, 2008,

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 therefore;

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:

(1) \_\_\_\_\_  
**Chih-Chao Yang**

on \_\_\_\_\_, 2008

(2) \_\_\_\_\_  
**Kaushik Chanda**

on \_\_\_\_\_, 2008

(3) Daniel C. Edelstein  
**Daniel C. Edelstein**

on 7/23, 2008

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Signed and sealed:

(1) Chih-Chao Yang on 7/23, 2008  
**Chih-Chao Yang**

(2) Kaushik on 7/31, 2008  
**Kaushik Chanda**

(3) \_\_\_\_\_ on \_\_\_\_\_, 2008  
**Daniel C. Edelstein**