

## 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>Liang-Jie Zhang</td> <td>02/29/2008</td> </tr> <tr> <td>Jia Zhang</td> <td>02/28/2008</td> </tr> </tbody> </table>		Name	Execution Date	Liang-Jie Zhang	02/29/2008	Jia Zhang	02/28/2008				
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Liang-Jie Zhang	02/29/2008										
Jia Zhang	02/28/2008										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>International Business Machines Corporation</td> </tr> <tr> <td>Street Address:</td> <td>New Orchard Road</td> </tr> <tr> <td>City:</td> <td>Armonk</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504
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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>11956741</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11956741						
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CORRESPONDENCE DATA											
<p>Fax Number: (404)607-9981          Phone: 404-607-9991          Email: jamold@cantorcolburn.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Jeffrey Arnold          Address Line 1: 1180 Peachtree Street, N.E.          Address Line 2: Suite 2050          Address Line 4: Atlanta, GEORGIA 30309</p>											
ATTORNEY DOCKET NUMBER:	YOR920070624US1										
NAME OF SUBMITTER:	Jeffrey L. Waters										
Total Attachments: 2 source=Assignment2#page1.tif source=Assignment2#page2.tif											

CH \$40.00 11956741

# ASSIGNMENT

IBM DOCKET: YOR920070624US1

Whereas, I/we

(1) Liang-Jie Zhang of Cortlandt Manor County of Westchester and State of NY and  
(2) Jia Zhang of DeKalb County of DeKalb and State of IL

have invented certain improvements in

## **'METHOD AND APPARATUS FOR MODELING AND MANAGING QUALITY OF SERVICE (QOS) IN A SERVICE-ORIENTED ARCHITECTURE (SOA) SOLUTIONS'**

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

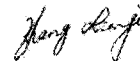
(1) 2/29, 2008;	(2) , 2008;
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Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in 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, I/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 I/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 I/we hereby agree that IBM may apply for foreign Letters Patent on said invention and I/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) at: Hawthorne; on: 2/29, 2008;



Liang-Ji Zhang

(2) at: ; on: , 2008;

Jia Zhang

# ASSIGNMENT

IBM DOCKET: YOR920070624US1

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## **'METHOD AND APPARATUS FOR MODELING AND MANAGING QUALITY OF SERVICE (QOS) IN A SERVICE-ORIENTED ARCHITECTURE (SOA) SOLUTIONS'**

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

(1) _____, 2008;	(2) _____, 2008;
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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, I/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 I/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 I/we hereby agree that IBM may apply for foreign Letters Patent on said invention and I/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) at: \_\_\_\_\_; on: \_\_\_\_\_, 2008; Liang-Ji Zhang  
(2) at: 3:19pm; on: 2/28/2008, 2008; Jia Zhang