

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jinmei Shen</td> <td>05/15/2008</td> </tr> <tr> <td>Hao Wang</td> <td>05/15/2008</td> </tr> </tbody> </table> | | Name | Execution Date | Jinmei Shen | 05/15/2008 | Hao Wang | 05/15/2008 | |
| Name | Execution Date | | | | | | | |
| Jinmei Shen | 05/15/2008 | | | | | | | |
| Hao Wang | 05/15/2008 | | | | | | | |
| 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" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12124108</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12124108 | <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> CH \$40.00 12124108 </div> | | |
| Property Type | Number | | | | | | | |
| Application Number: | 12124108 | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | |
| Fax Number: (404)572-5134 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 4045724600 Email: kreb@kslaw.com Correspondent Name: King & Spalding LLP Address Line 1: 1180 Peachtree Street NE Address Line 2: Kristi Rebel, 34th Floor Address Line 4: Atlanta, GEORGIA 30309-3521 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: ROC920080269US1 (105110) | | | | | | | | |
| NAME OF SUBMITTER: | | Kristi Rebel | | | | | | |
| Total Attachments: 2 source=ROC920080269US1_Assignment#page1.tif source=ROC920080269US1_Assignment#page2.tif | | | | | | | | |

500653050

PATENT
 REEL: 021560 FRAME: 0320

ASSIGNMENT

WHEREAS, We, **Jinmei Shen**, a citizen of United States, residing at 5815 47th Avenue NW, Rochester, Minnesota 55901 and **Hao Wang**, a citizen of United States, residing at 5815 47th Avenue NW, Rochester, Minnesota 55901; have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "Efficient Approach with the Toleration of Stale Data to Dynamically Transform and Unify Data Quality in Client and Server with Continuous Transaction Flows"; and

WHEREAS, **International Business Machines Corporation**, a New York corporation having a principal place of business at Armonk, New York 10504 (hereinafter called IBM), is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, We, **Jinmei Shen** and **Hao Wang**, by these presents do sell, assign, and transfer to **IBM** the full, exclusive, and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, reexamination, or reissue thereof, to **IBM** as the assignee, for its interest and for the sole use and benefit of **IBM** and its assigns and legal representatives;

For the same consideration, We, **Jinmei Shen** and **Hao Wang**, by these presents, do sell, assign, and transfer to **IBM** the full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **IBM** or its designee insofar as permitted by applicable law;

AND, for the same consideration, We, **Jinmei Shen** and **Hao Wang**, agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **IBM**, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Jinmei Shen

Jinmei Shen

5-15-2008

Date

Hao Wang

Hao Wang

5/15/2008

Date