

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Hong Cheng</td><td>06/16/2008</td></tr><tr><td>Wei Fan</td><td>06/16/2008</td></tr><tr><td>Xifeng Yan</td><td>06/16/2008</td></tr><tr><td>Philip Shi-lung Yu</td><td>06/17/2008</td></tr></tbody></table> | Name | Execution Date | Hong Cheng | 06/16/2008 | Wei Fan | 06/16/2008 | Xifeng Yan | 06/16/2008 | Philip Shi-lung Yu | 06/17/2008 | |
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| Hong Cheng | 06/16/2008 | | | | | | | | | | |
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| Xifeng Yan | 06/16/2008 | | | | | | | | | | |
| Philip Shi-lung Yu | 06/17/2008 | | | | | | | | | | |
| 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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12141251</td></tr></tbody></table> | Property Type | Number | Application Number: | 12141251 | | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12141251 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | YOR920080083US1 | | | | | | | | | | |
| NAME OF SUBMITTER: | William E. Lewis | | | | | | | | | | |
| Total Attachments: 3 | | | | | | | | | | | |

CH 12141251 \$40.00

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PATENT
REEL: 021113 FRAME: 0123

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PATENT

REEL: 021113 FRAME: 0124

ASSIGNMENT

Docket No. YOR920080083US1

INVENTOR
AND CITY

Whereas, we

(1) **Hong Cheng**
County of Champaign
and (2) **Wei Fan**
County of New York
and (3) **Xifeng Yan**
County of Westchester
and (4) **Phillip Shi-lung Yu**
County of Cook

of Urbana,
and State of Illinois,
of New York,
and State of New York,
of Montrose,
and State of New York,
of Chicago,
and State of Illinois,

have invented certain improvements in

TITLE

METHOD AND APPARATUS FOR STRUCTURAL DATA CLASSIFICATION

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) June 16, 2008, (2) _____, 2008,
(3) _____, 2008, (4) _____, 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 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


Hong Cheng

on June 16, 2008

Wei Fan

on _____, 2008

Xifeng Yan

on _____, 2008

Phillip Shi-lung Yu

on _____, 2008

PATENT

REEL: 021113 FRAME: 0125

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Xifeng Yan

Philip S. Yu

on _____ 6/17 _____, 2008

Philip Shi-lung Yu