

## PATENT ASSIGNMENT

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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>Xiaohui Gu</td><td>03/01/2007</td></tr><tr><td>Lipyeow Lim</td><td>03/01/2007</td></tr><tr><td>Haixun Wang</td><td>03/01/2007</td></tr><tr><td>Min Wang</td><td>03/01/2007</td></tr></tbody></table>	Name	Execution Date	Xiaohui Gu	03/01/2007	Lipyeow Lim	03/01/2007	Haixun Wang	03/01/2007	Min Wang	03/01/2007	
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Xiaohui Gu	03/01/2007										
Lipyeow Lim	03/01/2007										
Haixun Wang	03/01/2007										
Min Wang	03/01/2007										
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>11681486</td></tr></tbody></table>	Property Type	Number	Application Number:	11681486							
Property Type	Number										
Application Number:	11681486										
CORRESPONDENCE DATA											
Fax Number:	(972)385-7766										
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NAME OF SUBMITTER:	Duke W. Yee										

CH \$40.00 11681486

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PATENT  
REEL: 018954 FRAME: 0683

Total Attachments: 2  
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source=11681486#page2.tif

A S S I G N M E N T

Whereas, we,

(1) Xiaohui Gu  
County of Westchester

of Chappaqua  
and State of New York

and

(2) Lipyeow Lim  
County of Westchester

of Hawthorne  
and State of New York

and

(3) Haixun Wang  
County of Westchester

of Irvington  
and State of New York

and

(4) Min Wang  
County of Westchester

of Tarrytown  
and State of New York

have invented certain improvements in

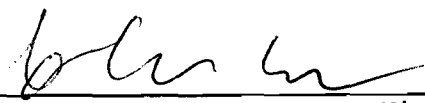
METHOD AND SYSTEM FOR INDEXING AND SERIALIZING DATA

and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) 3/1/2007,  
(2) 3/1/2007, (3) 3/1/2007, and  
(4) \_\_\_\_\_.

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 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 invention 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.

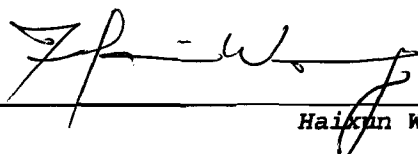
(1) Signed at Hawthorne, NY on 3/1/2007.  
city and state date

  
Xiaohui Gu

and (2) Signed at Hawthorne, NY on 3/1/07.  
city and state date

  
Lipyeow Lim

and (3) Signed at Hawthorne, NY on 3/1/07.  
city and state date

  
Haikun Wang

and (4) Signed at Hawthorne on 3/1/07.  
city and state date

Min Wang  
Min Wang