

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tong Chen</td> <td>04/03/2008</td> </tr> <tr> <td>Marc Gonzalez Tallada</td> <td>04/03/2008</td> </tr> <tr> <td>Zehra Sura</td> <td>04/03/2008</td> </tr> <tr> <td>Tao Zhang</td> <td>04/03/2008</td> </tr> </tbody> </table>		Name	Execution Date	Tong Chen	04/03/2008	Marc Gonzalez Tallada	04/03/2008	Zehra Sura	04/03/2008	Tao Zhang	04/03/2008
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Tong Chen	04/03/2008										
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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>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12062579</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12062579						
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Application Number:	12062579										
CORRESPONDENCE DATA											
Fax Number:	(512)823-1036										
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NAME OF SUBMITTER:	D'Ann N. Rifai										
Total Attachments: 2											

CH \$40.00 12062579

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ASSIGNMENT

Whereas, we,

- (1) **Tong Chen** of Yorktown Heights
County of Westchester and State of New York

- (2) **Marc Gonzalez tallada** of Yorktown Heights
County of Westchester and State of New York

- (3) **Zehra N. Sura** of Yorktown Heights
County of Westchester and State of New York

- (4) **Tao Zhang** of Yorktown Heights
County of Westchester and State of New York

have invented certain improvements in

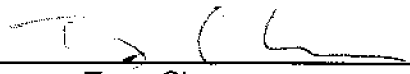
PREFETCHING IRREGULAR DATA REFERENCES FOR SOFTWARE CONTROLLED CACHES

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

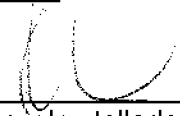
(Dates Inventors Signed Declaration) (1) 04/03, (2008); (2) 04/03, (2008);
(3) 04/03, (2008); (4) 04/03, (2008).

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 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 Yorktown Heights on 04/03, 2008.
(City) (Date)



Tong Chen

(2) Signed at Yorktown Heights on 04/03, 2008.
(City) (Date)


Marc Gonzalez Tallada

(3) Signed at Yorktown Heights on 04/03, 2008.
(City) (Date)
Zehra Sura

Zehra N. Sura

(4) Signed at Yorktown Heights on 04/03, 2008.
(City) (Date)


Tao Zhang