

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>YIN CHEN</td> <td>12/16/2008</td> </tr> <tr> <td>BIN HE</td> <td>12/15/2008</td> </tr> <tr> <td>RUI WANG</td> <td>12/16/2008</td> </tr> </tbody> </table>		Name	Execution Date	YIN CHEN	12/16/2008	BIN HE	12/15/2008	RUI WANG	12/16/2008
Name	Execution Date								
YIN CHEN	12/16/2008								
BIN HE	12/15/2008								
RUI WANG	12/16/2008								
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>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12343021</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12343021				
Property Type	Number								
Application Number:	12343021								
CORRESPONDENCE DATA									
Fax Number:	(949)788-9969								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	949-788-9961								
Email:	csteele@shimokaji.com								
Correspondent Name:	SHIMOKAJI & ASSOCIATES, P.C.								
Address Line 1:	8911 Research Drive								
Address Line 4:	Irvine, CALIFORNIA 92618								
ATTORNEY DOCKET NUMBER:	ARC920080081US1								
NAME OF SUBMITTER:	Michael A. Shimokaji								
Total Attachments: 2 source=ARC920080081US1_Assignment-Executed_232-0336#page1.tif source=ARC920080081US1_Assignment-Executed_232-0336#page2.tif									

CH \$40.00 12343021

PATENT

ASSIGNMENT

Docket No. ARC920080081US1

Whereas, we

INVENTOR
AND CITY

(1) CHEN, Ying
County of Santa Clara
and (2) HE, Bin
County of Santa Clara
and (3) WANG, Rui
Country of China P.R.

of , San Jose
and State of, California
of , San Jose
and State of, California
of , Beijing

have invented certain improvements in

DATA FILTERING AND OPTIMIZATION FOR ETL (EXTRACT, TRANSFORM, LOAD) PROCESSES

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) 12/16, 2008, (2) 12/15, 2008,
(3) _____, 2008

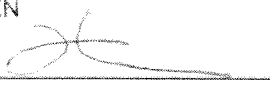
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and 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


YING CHEN

on 12/16, 2008


BIN HE

on 12/15, 2008

RUI WANG

on _____, 2008

ASSIGNMENT

Docket No. ARC920080081US1

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(1) _____, 2008, (2) _____, 2008,
(3) Dec 16, 2008.

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Signed and sealed

YING CHEN

on _____, 2008

BIN HE

on _____, 2008

Wang Rui

RUI WANG

on Dec 16, 2008

PATENT