

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>YING CHEN</td><td>06/07/2007</td></tr><tr><td>BIN HE</td><td>06/05/2007</td></tr><tr><td>ANA LELESCU</td><td>06/06/2007</td></tr><tr><td>JAMES J. RHODES</td><td>06/06/2007</td></tr><tr><td>RUI WANG</td><td>06/05/2007</td></tr></tbody></table>	Name	Execution Date	YING CHEN	06/07/2007	BIN HE	06/05/2007	ANA LELESCU	06/06/2007	JAMES J. RHODES	06/06/2007	RUI WANG	06/05/2007	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>INTERNATIONAL BUSINESS MACHINES CORPORATION</td></tr><tr><td>Street Address:</td><td>New Orchard Road</td></tr><tr><td>City:</td><td>Armonk</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>	Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504			
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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>11759856</td></tr></tbody></table>	Property Type	Number	Application Number:	11759856									
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CORRESPONDENCE DATA													
Fax Number: (949)788-9969 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 1: 8911 Research Drive													
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ATTORNEY DOCKET NUMBER:	ARC920070014US1												
NAME OF SUBMITTER:	Michael A. Shimokaji												

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PATENT
REEL: 019397 FRAME: 0867

Total Attachments: 2

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Whereas, we,

(1)	Name: CHEN, Ying City/State of: San Jose, CA County/Country of: Santa Clara/ US
(2)	Name: HE, Bin City/State of: San Jose, CA County/Country of: Santa Clara/ US
(3)	Name: LELESCU, Ana City/State of: Morgan Hill, CA County/Country of: Santa Clara/ US
(4)	Name: RHODES, James J. City/State of: Los Gatos, CA County/Country of: Santa Clara/ US
(5)	Name: WANG, Rui City/State of: Beijing, China County/Country of: China
(6)	Name: City/State of: County/Country of:

Failure Recovery And Error Correction Techniques For Data Loading In Information Warehouses

(1) Date: 06/05/2007

(2) Date: 06/05/2007

(3) Date: 06/06/2007

(4) Date: 06/06/2007

(5) Date: 06/05/2007

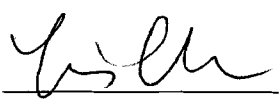
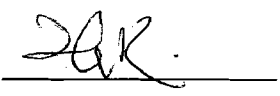

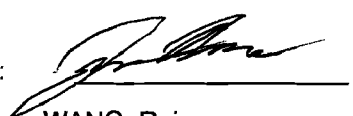
(6) Date: _____

PATENT
REEL: 019397 FRAME: 0869

ASSIGNMENT

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to Assignees, their 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to Assignees, their successors and assigns; and I hereby agree that Assignees may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Assignees.

Execution by Assignors:

(1)	Name:	CHEN, Ying	City/State	San Jose, CA
	Signature:		Date:	<u>06/07/2007</u>
(2)	Name:	HE, Bin	City/State	San Jose, CA
	Signature:		Date:	<u>06/05/2007</u>
(3)	Name:	LELESCU, Ana	City/State	Morgan Hill, CA
	Signature:		Date:	<u>06/06/2007</u>
(4)	Name:	RHODES, James J.	City/State	Los Gatos, CA
	Signature:		Date:	<u>06/06/2007</u>
(5)	Name:	WANG, Rui	City/State	Beijing, China
	Signature:	<u>Rui Wang</u>	Date:	<u>06/05/2007</u>
(6)	Name:		City/State	
	Signature:		Date:	