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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

-				
1.	Name of conveying party(ies): Juan Li	* 2. Name and address of receiving party(iesh * Name: International Business		
	Dung Kim Nguyen	* Machines Corporation		
	Aare Onton	*		
	Kevin Frank Smith	*		
	Hai-Fang Yun	* Street Address: New Orchard Road U		
		* City: Armonk State: NY ZIP: 1050%		
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	Additional name(s) of conveying	* Additional name(s) & address(es) attached?		
	party(ies) attachedYes XX No	*Yes XX No		
3.	Nature of conveyance:	May 14, 1998; May 14, 1998		
		May 14, 1998; May 14, 1998		
	XX Assignment	and June 5, 1998 Execution Date:		
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4	Application number(s) or natest number(s).			
4.	Application number(s) or patent number(s):			
	If this document is being filed together with a new application, the execution date of the application			
	is: May 14, 1998; May 14, 1998 May 14, 1998; May 14, 1998 and June 5, 1998			
	A. Patent Application No.(s)	* B. Patent No.(s)		
		*		
	3.43; 1:]	*		
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٥.	Name and address of party to whom correspondence concerning document should be mailed:	 * 6. Total Number of applications and patents * involved: One 		
		* Involved: One		
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Whereas, we

INVENTOR	(1)	Juan Li	of San Jose ,
AND CITY	County of	Santa Clara	and State of California ,
	and (2)	Dung Kim Nguyen	of San Jose ,
	County of	Santa Clara	and State of California ,
	and (3)	Aare Onton	of Saratoga ,
	County of	Santa Clara	and State of California ,
	and (4)	Kevin Frank Smith	of Morgan Hill,
	County of	Santa Clara	and State of California,
	and (5)	Hai-Fang Yun	of San Jose,
	County of	Santa Clara	and State of California,

have invented certain improvements in

TITLE System and Method for Organizing Data Stored In A Log Structured Array

DATES THAT INVENTORS SIGNED THE DECLARATION

RECORDED: 06/05/1998

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

1) $\frac{5/4}{6/5}$, 1998, (2) $\frac{5/14}{6/5}$, 1998, (3) $\frac{14}{6}$ $\frac{14}{6}$, 1998, (5) $\frac{5/14}{6}$, 1998.

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 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 CITY SIGNATURE DATE Juan Li INVENTOR CITY and (2) at INVENTOR DATE CTTY SIGNATURE INVENTOR DATE SIGNATURE CITY DATE INVENTOR SIGNATURE CITY Hai-Fang Yun INVENTOR DATE

> PATENT REEL: 9232 FRAME: 0882