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DOCKET: TUC920050177US2

US Department of Commerce Patent & Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

John Holcombe

To the Honorable Commissioner for Patents: Please record the attached original documents or

Name of conveying party(ies): ALLEN KEITH BATES NILS HAUSTEIN JAMES WILLIAM JOHNSON

CRAIG ANTHONY KLEIN DANIEL JAMES WINARSKI

Additional name(s) of conveying party(ies) attached __Yes **XX** No 2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? __Yes XX No

Nature of conveyance:

XX Assignment Execution Date: 02/16/06; 02/17/06; 02/16/06; 02/20/06; 02/27/06

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: ____

A. Patent Application No.(s) <u>11/367,058</u>

B. Patent No.(s)

Additional numbers attached? Yes XX No

Name and address of party to whom \star correspondence concerning document * should be mailed:

Name: John C. Kennel

Address: IBM Corporation Intellectual Property Law * 9000 S. Rita Road(90A/9032) * Tucson, Arizona 85744

6. Total Number of applications and patents involved: One

7. Total fee (37 CFR 3.41)...... \$ 40.00 Enclosed

 \overline{XX} Authorized to be charged to deposit account (Duplicate Copy Attached)

Deposit Account Number:

09-0449

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John/H. Holcombe

Total number of pages including cover sheet, attachments, and document: /-5-/

PATENT **REEL: 017620 FRAME: 0577**

ASSIGNMENT

INVENTOR	Whereas, we			Docket Page	No. TUC920050177US2 1 of 2	
AND CITY	(1)	ALLEN KEITH E County of Pima		of Tucs and State	on, of Arizona,	
	(2)	NILS HAUSTEIN FEDERAL REPUB	LIC OF GERMANY,	of	·	
	(3)	JAMES WILLIAM County of Pima		of Tucs and State	on, of Arizona ,	
	(4)	CRAIG ANTHONY County of Pima	KLEIN	of Tucs	·	
	(5)	DANIEL JAMES N County of Pima	NINARSKI	of Tueso	•	
	have inv	ented certain impr	ovements in		·	
TITLE	MANAGIN DATA SI	IG DATA STORAGE ORAGE CARTRIDGE	MEDIA AND MULTIPI	E CARTRIDGE	MEMORIES OF A	
DATE THAT INVENTOR SIGNED THE DECLARATION	INVENTOR GIGNED THE (1) 2-1/2 (2) (2)					
CITY		cson, AZ	En ger.	But	SIGNATURE	
DATE	on <u>2</u> -	<u>,</u> 2006	ALLEN KEITH BAT	ES	INVENTOR	

PATENT REEL: 017620 FRAME: 0578

Docket No. TUC920050177US2 Page $\underline{2}$ of $\underline{2}$

CITY	(2) at		
DATE	on, 2006	NILS HAUSTEIN	SIGNATURE INVENTOR
CITY DATE	(3) at Tucson, AZ on 2-16 , 2006	Jen Willi Johnson	SIGNATURE INVENTOR
CITY DATE	(4) at Tucson, AZ on 2-20, 2006	CRAIG ANTHONY KLEIN	SIGNATURE
CITY DATE	(5) at Tucson, AZ on 27 Feb , 2006 ,	Daniel James Winarski	SIGNATURE

28.3089

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FEB 17 2006 07:49

ASSIGNMENT

INVENTOR	Whereas, we		Page <u>1</u> of <u>2</u>			
AND CITY	(1)	ALLEN KEITH BATES	a.E. Marana			
		County of Pima	of Tucson,			
			and State of Arizona,			
	(2)	NILS HAUSTEIN	of			
		FEDERAL REPUBLIC OF GERMANY,	•			
	(3)	JAMES WILLIAM JOHNSON	of Tucson.			
		County of Pima	of Tucson, and State of Arizona,			
	(4)		and State of Arizona,			
	(4)	CRAIG ANTHONY KLEIN	of Tucson,			
		County of Pima	and State of Arizona,			
	(5)	DANIEL JAMES WINARSKI	46 Mussan			
•		County of Pima	of Tucson,			
	harra inc		and State of Arizona,			
	nave In	vented certain improvements in				
TITLE	Managii Data s:	NG DATA STORAGE MEDIA AND MULT: FORAGE CARTRIDGE	IPLE CARTRIDGE MEMORIES OF A			
DATE THAT	and e	Executed, respectively a united care				
INVENTOR SIGNED THE DECLARATION	(1) _	and executed, respectively, a United States patent application therefor on (1),2006; (2),2006; (3),2006;				
DECOMPATION	(4)	(4),2006; (5),2006.				
	W New Y (here inter	hereas, INTERNATIONAL BUSINESS MACHI ork, having a place of business at a inafter called IBM), desires to acqu est in the said application and inver oreign patents to be obtained therefore	NES CORFORATION, a corporation of monk, New York 10504, ire the entire right, title and			
	its sist of said of foreign said of the issue application of the issue	Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to TBM, 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to TBM, its successors and assigns; and I hereby agree that TBM 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 TBM. Signed				
TTY .	(1) at T u	Acson, AZ	SIGNATURE			
ATE	on	, 2006 ALLEN KEITH I	BATES INVENTOR			

REEL: 017620 FRAME: 0580

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Docket No. **TUC920050177US2**Page <u>2</u> of <u>2</u>

CITY	(2) at Hain 7	Wh then the	SIGNATURE
DATE	on	NILS HAUSTEIN	INVENTOR
CITY	(3) at Tucson, Az		
DATE	on, 2006	JAMES WILLIAM JOHNSON	SIGNATURE
		- COMMSON	INVENTOR
CITY	(4) at Tucson. Az		
DATE			SIGNATURE
DATE	on, 2006	CRAIG ANTHONY KLEIN	INVENTOR
CITY	(5) at Tucson, AZ		
DATE	on, 2006	DANIEL JAMES WINARSKI	SIGNATURE

PATENT

REEL: 017620 FRAME: 0581