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Docket No.: TUC920030124US1

FORM PTO-1595 (Modified) (Rev. 03-01)	RECORDATION F		U.S. DEPARTMENT OF COMMERC Patent and Trademark Offic			
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			ed original documents or copy the	reof.		
 Name of conveying party(ies) Kevin J. Ash):	2. Name and address of receiving party(ies):				
Michael T. Benhase		Name: International Business Machines Corporation				
		Address: New Orch	ard Road			
Additional names(s) of conveying party(ies) attached? 🔲 Yes 🕱 No					
3. Nature of conveyance:				. <u></u>		
X Assignment	Merger					
Security Agreement	Change of Name	City: Armonk	State/Prov.: NY			
	Jan San San San San San San San San San S	Country: U.S.A.	ZIP: 10504			
Execution Date: January 22, 20		Additional name(s) & addres				
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 Application number(s) or pate If this decument is being files 		an the execution date of t	a application is:			
_	together with a new application		· · · · · · · · · · · · · · · · · · ·			
Patent Application No.	Filing date	B. Patent No.(5)			
10/767,787	January 29, 2004					
	Additional numbers	I attached? 🛄 Yes 🔀 No				
5. Name and address of party to concerning document should	-	6. Total number of app	lications and patents involved:	1		
Name: Frank S. DiGiglio		- 7. Total fee (37 CFR 3	41):\$ 40.00			
Registration No. 31,346		Enclosed - Any excess or insufficiency should be credited or debited to deposit account				
Address: Scully, Scott, Murphy & Presser						
400 Garden City		Authorized to be	charged to deposit account			
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City: Garden City	State/Prov.: NY	-	09-0449			
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Edward W. Grolz	2	ull MA	February 11, 2004			
Name of Person Sign	•	Signature	4 Date			
		cover sheet, attachments, and docu th regulaed cover sheet information to:	ument:			
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IBM DOCKET NO.: TUC920030124US1 SSMP DOCKET NO. 16972

ASSIGNMENT

Whereas, we

INVENTOR AND CITY

(1) Kevin J. Ash County of Pima

of Tucson and State of Arizona

(2) Michael T. Benhase County of Pima of Tucson and State of Arizona

have invented certain improvements in

TITLE: CREATE VIRTUAL TRACK BUFFERS IN NVS USING CUSTOMER SEGMENTS TO MAINTAIN NEWLY WRITTEN DATA ACROSS A POWER LOSS

DATE THAT	and executed, respectively, a United States patent application therefor on				
INVENTOR SIGNED THE DECLARATION	(1) 01/22	, 2003 (2)	01/22	, 2003	U

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, I, 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 I 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 I hereby agree that IBM 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 IBM.

PATENT REEL: 014328 FRAME: 0579

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IBM DOCKET NO. TUC920030124US1 **SSMP DOCKET NO. 16972**

ASSIGNMENT

TTY

Kevin J. Ash

Belh

ON 01/22,2004

(1) at Tueson

(2) at JUCSIM ON <u>01/22</u>,2003

Michael T. Benhase

PATENT REEL: 014328 FRAME: 0580

RECORDED: 02/11/2004