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Docket No.: 1280.1005-001

1019	378243 ached original documents or copy thereof.
To the Honorable Commissioner of Patents and Traucin	243 cached original documents or copy thereof.
 Name of conveying party(ies) John F. Patterson Steven L. Rohall Arjuna Wijeyekoon 	Name and address of receiving party(ies) Name: International Business Machines Corporation Internal Address:
Additional name(s) of conveying party(ies) attached? [] Yes [x] No	
3. Nature of conveyance:	Street Address: New Orchard Road
[x] Assignment [] Merger	
[] Security Agreement [] Change of Name	City: Armonk State: NY ZIP: 10504
[] Other	
Execution Date: (1,2) 5/10/00; (3)5/11/00	Additional name(s) & address(es) attached? [] Yes [x] No
If this document is being filed together with a new application, A. Patent Application No.(s) 09/483,631 Additional numbers	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: Mary Lou Wakimura, Esq.	7. Total Fee (37 C.F.R. 3.41) \$ 40.00
Internal Address:	[X] Enclosed [X] Authorized to charge any deficiencies or credit any
Hamilton, Brook, Smith & Reynolds, P.C.	[X] Authorized to charge any deficiencies of credit any overpayment to deposit account [] Authorized to be charged to deposit account
Street Address: Two Militia Drive	8. Deposit account number: 08-0380
City: Lexington State: MA ZIP: 02421-4799	(Attach duplicate copy of this page if paying by deposit account)
DO NO	OT USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform document. Mary Lou Wakimura Name of Person Signing	Signature nation is true and correct and any attached copy is a true copy of the original Signature Date
Total number of pages including	cover sheet, attachments, and document: [3]

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PATENT REEL: 010836 FRAME: 0141

ASSIGNMENT

WHEREAS, we, John F. Patterson, Steven L. Rohall and Arjuna Wijeyekoon have invented certain improvements in METHOD AND APPARATUS FOR DATA VISUALIZATION a United States patent application, the specification of which was filed on January 14, 2000 and assigned application number 09/483,631.

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 invention 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.

IN TESTIMONY WHEREOF, we have hereunto set our hand and affixed our seals the Inventor (1): John F. Patterson

Commonwealth of Massachusetts)

County of MiddleSex date set forth below.

On this / day of MOLL 2000, before me personally came [name] who is personally known to me, or who proved to me on the basis of satisfactory evidence, to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

My Commission Expires 60/00/07

(SEAL)

KELLIE EARLE Notary Public My Commission Expires February 2, 2007

PATENT REEL: 010836 FRAME: 0142

(nventor (2):Steven L. Rohall	
Commonwealth of Massachusetts) County of Middlesex	
On this 10 day of 1200, \$2000, before me personally came [name] who is personally known to me, or who proved to me on the basis of satisfactory evidence, to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.	
Notary Public My Commission Expires 02/02/07 My Commission Expires Arjuna Wijeyekoon KELLIE EARLE Notary Public My Commission Expires February 2, 2007	
Commonwealth of Massachusetts) County of)	
On this // day of May , 2000, before me personally came [name] who is personally known to me, or who proved to me on the basis of satisfactory evidence, to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed. Notary Public	
(SEAL) My Commission Expires 01 128 1 05	

(SEAL)

RECORDED: 05/19/2000

PATENT REEL: 010836 FRAME: 0143