	2-14-1999 U.S. DEPARTMENT OF COMMERCE			
	Patent and Trademark Office IBM Docket No.: YO9-98-188			
To the Hohorable Commissioner of Patents and Trac	OTZZITTG ocuments or copy thereof.			
 Name of conveying party(ies): Steven R. Abrams Daniel V. Oppenheim Donald P. Pazel James L. Wright Additional names of conveying party(ies) attached? Yes □no Nature of Conveyance Assignment □ Merger Security Agreement □ Change of Name Other To correct name of inventor; Real/Frame No. of original assignment recorded: 9215/0356. Notice of Non-Recordation ID # 101150226. 	2. Name and address of receiving party(ies): Name: International Business Machines Corporation Internal Address:			
Execution Date: May 26, 1998				
If this document is being filed together with a new application, the A. Patent Application No(s). 09/084,060 filed on May 26, 1998 Additional numbers attaction 5. Name and address of party to whom correspondence	B. Patent No(s).			
concerning document should be mailed:				
Joni D. Stutman, Esq. Whitham, Curtis & Whitham Reston International Center 11800 Sunrise Valley Drive, Suite 900 Reston, Virginia 20191	 7. Total fee (37 CFR 3.41): \$40.00 □ Enclosed ∞ Authorized to be charged to deposit account □ Total fee due ∞ Any deficiencies in the enclosed fees 			
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9. Statement and signature To the best of my knowledge and belief, the foregoing information original document. <u>Joni D. Stutman Registration 42,173 Signatuke Tel.: (703) 391-2510 Total number </u>	is true and correct and any attached copy is a true copy of the $\frac{12/10/99}{Date}$ of pages including cover sheet, attachments, and document: _2			

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James L. Wright	Name: International Business Machines Corporation
	Internal Address
Additional names(s) of conveying party(ies)	O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3. Nature of conveyance:	
🛛 Assignment 🔲 Merger	Street Address:
Security Agreement Change of Name	
	City Armonk Otto NV 710
□ Other	City: Armonk State: NY ZIP:
Execution Date: May 26, 1998	Additional name(s) & address(es)
4. Application number(s) or registration numbers(s): Q / C	84060
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A. Patent Application No.(s)	B. Patent No.(s)
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Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Andrew M. Calderon	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Whitham, Curtis & Whitham	
Reston International Center	
	Authorized to be charged to deposit account
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City: Reston State: VA ZIP: 20191	(Attach duplicate copy of this page if paying by deposit account)
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Andrew M. Calderon	May 26, 198
Name of Person Signing Total number of pages including	Signature Cover sheet, attachments, and
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(IBM uocket No.:YO9-98-188)

ASSIGNMENT

Whereas, we

Inventor and City		(1) Steven R. Abrams County of Rockland	City of New City and State of New York
	and	(2) Daniel V. Oppenheim County of Westchester	City of Croton-on-Hudson and State of New York
	and	(3) Donaid D. Pazel County of Westchester	City of Montrose and State of New York
	and	(4) James L. Wright County of Westchester	City of Chappaqua and State of New York
Title	have invented certain improvements in Title METHOD AND APPARATUS FOR DISPLAYING AND NAVIGATING A GRAPH		

Dates That	and have execut	ind have executed, respectively, a United States patent application therefor on			
Inventors Signed the	(1)	199 , and (2)	199 , and		
Declaration	(3)	199 , and (4)	199 、		

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.

City Date	(1) Signed at on , 5 /24 / 98	(Steven R: Abrams) inventor First Name Middle Initial Last Name
City Date	(2) Signed at D-40 on 5-2 5-98	Image: Construct of the second state of the secon
City Date	(3) Signed at on $5 - 26 - 96$	(Donald P. S Pazel) inventor
City Date	(4) Signed at on May 26, 1998	First Name Middle Initial Last Name signature (Sames L. Wright) inventor First Name Middle Initial Last Name

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