05-02-2001

RECORDATION FORM COVER SHEET

Docket No.: ARC000018US1

U.S. DEPARTMENT OF COMMERCE

PATENTS ONLY

Patent and Trademark Office

101699292 atents and Trademarks	: Please record the attached original documents or copy thereof_
1. Name of conveying party(ies): Karen Mae Holland Jeffrey Thomas Kreulen William Scott Spangler	2. Name and address of receiving party(ies): Name: International Business Machines Corporation with Address: New Orchard Road
Additional names(s) of conveying party(ies) attached?	
3. Nature of conveyance:	
★ Assignment □ Merger	
☐ Security Agreement ☐ Change of Name	City: Armonk State/Prov.: NY
☐ Other	Country: USA ZIP: 10504
Execution Date: 3/30/013/16/01, 3/16/01	Additional name(s) & address(es) attached? ☐ Yes 🖼 No
If this document is being filed together with a new application. Patent Application No. Filing date 09/837158	on, the execution date of the application is: 3/30/01, 3/16/01, 3/16/01 B. Patent No.(s) 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:
Name: Phillip E. Miller	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 46,060	☐ Enclosed - Any excess or insufficiency should be
Address: McGinn & Gibb, PLLC	credited or debited to deposit account
8321 Old Courthouse Road	Authorized to be charged to deposit account
Suite 200	8. Deposit account number:
City: Vienna State/Prov.: VA	09-0441
Country: <u>USA</u> ZIP: <u>22182-3817</u>	
04/30/2001 DBYRNE 00000037 090441 09837158 DO NO	T USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. Phillip E. Miller	mation is true and correct and any attached copy is a true copy April 19, 2001
Name of Person Signing	Signature 5 Date
Total number of pages including	cover sheet, attachments, and document:

PATENT

REEL: 011736 FRAME: 0090

IBM Docket No.: ARC920000018US1

ASSIGNMENT

Whe	reas, we		
Inventor and City	(1) Karen Mae Holland County of Placer	City of Auburn and State of Calif	fornia
	(2) Jeffrey Thomas Kreulen	City of San Jose	
	County of Santa Clara	and State of Calif	ornia
	(3) William Scott Spangler	City of San Marti	in
	County of Santa Clara	and State of Calif	
	have invented certain improver	ments in	
Fitle	METHOD AND SYSTEM	I FOR IDENTIFYING RELATIONS	HIPS BETWEEN TEXT
		UCTURED VARIABLES PERTAINI	NG TO THE TEXT
	DOCUMENTS		
Dates That Inventors	and have executed, respectively	, a United States patent application therefor	on
Signed the Declaration	(1) March 30 , 20	001 (2), 2001 and (3	, 2001

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	(1) Signed at Auburn, (A			3 Z	
Date	on 3/30/01	Karen	Mac	Holland	signature
	,	(Karen	Mae		inventor
		First Name	Middle Initial	Last Name	

Docket No.: ARC920000018US1

City	(2) Signed at					
Date	on	(Jeffrey First Name	Thomas Middle Initial		signature) inventor
City	(3) Signed at					
Date	on	(William First Name	Scott Middle Initial	Spangler Last Name	signature) inventor

IBM Docket No.: ARC920000018US1

ASSIGNMENT

When	reas, we					
Inventor and City	(1) Karen Mae Holland County of Placer		City of Auburn and State of Califor	rnia		
	(2) Jeffrey Thomas Kreulen County of Santa Clara		City of San Jose and State of Califor	rnia		
	(3) William Scott Spangler County of Santa Clara		City of San Martin and State of Califor			
	have invented certain impro	vements in				
Title	METHOD AND SYSTI DOCUMENTS AND ST DOCUMENTS					
Dates That	and have executed, respective	and have executed, respectively, a United States patent application therefor on				
Inventors Signed the Declaration	(1)	, 2001 (2) March 16	, 2001 and (3)_	March 16 , 2001		
	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;					
	hereby sell, assign, and trans application and invention the resulting from the filing of s any Letters Patent granted to and we hereby agree that IF	sfer to IBM, its successors erein disclosed for the Unaid United States applicate upon the invention set for the IM may apply for foreign	s and assigns, the entire ri ited States and foreign cou tion, and we request the C th in said application to I a Letters Patent on said in	nowledged, we the above named ight, title and interest in the said untries, and all rights of priority Commissioner of Patents to issue IBM, its successors and assigns; evention and we will execute all as when called upon to do so by		
City (1) S	igned at					
Date on		(Karen First Name	Mae Middle Initial	Holland) inventor Last Name		

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on March 16,2001 City

Date

Kreulen Middle Initial Last Name

(3) Signed at San Jose, CA

on 3/16/2011 **Date**

City

signature William) inventor Spangler Middle Initial First Name **Last Name**

REEL: 011736 FRAME: 0094