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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

	and the second of the second o				
Name of conveying party(ies):	2. Name and address of receiving party(ies):				
(1) Stephan Eberhard EWEN(2) Volker Gerhard MARKL	Name: International Business Machines Corporation				
(3) Michael ORTEGA-BINDERBERGER	Street Address: New Orchard Road				
	City: Armonk State: NY Zip: 10504				
Additional name(s) of conveying party(ies) attached? Yes No.	Additional name(s) and address(es) attached? Yes No.				
3. Nature of conveyance: Assignment Exec	cution dates: (1) February 27, 2005				
	(2) February 25, 2005				
(3) February 25, 2005					
4. Application number(s) or patent number(s):					
If this document is being filed together with a new applica	tion, the execution date of the application is:				
A. Patent Application No.(s) B. Patent No.(s)					
11/068,253 filed on February 28, 2005					
Additional numbers attached? Yes No					
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: One				
Name: Sawyer Law Group LLP	7. Total fee (37 CFR 3.41)				
Address: P.O. Box 51418					
Palo Alto, CA 94303	Authorized to be charged to deposit account				
	8. Deposit account number: 09-0460 (IBM Corporation) (Attach duplicate copy of this page if paying by deposit account)				
 Statement and signature. To the best of my knowledge and belief, the foregoing info original document. 	formation is true and correct and any attached copy is a true copy of the				
Joseph A. Sawyer, Jr.	June 21, 2005				
Name of Person Signing	Signature Date				

Total number of pages including cover sheet, attachments, and documents: 4

PATENT REEL: 016376 FRAME: 0701

Docket No: SVL920040111USI/3439P

ASSIGNMENT

Whe	ereas, i,				
	(1)	Stephan Eberhard EWE	N	70197 Stuttgart Germany	
	(2)	Volker Gerhard MARKL		City of San Jose State of CA	
	(3)	Michael ORTEGA-BIND	ERBERGER	City of San Jose State of CA	
have	invented	d certain improvements in			
TITL	E	METHOD AND SYSTEM FEDERATED DATABAS	4 FOR PROVII SE SYSTEMS	ING A LEARNING	G OPTIMIZER FOR
and e	executed	a United States Patent App	lication therefor	on the following date	(s):
		(1) <u>February 27</u>	_, 2005		
		(2)	2005		
		(3)	, 2005		
name intere and a Comr applic Paten foreig	Now the d, hereby st in the dissioner sation to it on said n applica	said application and invention if priority resulting from the firm of Patents to issue any Lett BM, its successors and assi- invention and we will execu- tions when called upon to do	deration, receipt IBM, its succes In therein disclos Illing of said Unite ers Patent grant gns; and we her	whereof is hereby a sors and assigns, the ed for the United States application and upon the invention	nited States and foreign cknowledged, we, the above e entire right, title and ates and foreign countries, and we request the his set forth in said
Signe	d and se	aled:			
(1)	_SJ	ion vdfgaf	<u>02/27/</u>	<u> 25 </u>	ATURE an Eberhard EWEN
(2)		<u> </u>	<u>-</u> -	Volke	r Gerhard MARKL
(3)	<u></u> -			Micha	el ORTEGA-BINDERBERGER

PATENT REEL: 016376 FRAME: 0702

Docket No: SVL920040111US1/3439P

ASSIGNMENT

Wh	ereas, 1,					
	(1)	Stephan Eberhard EWEN		70197 Stuttgart Germany		
	(2)	Volker Gerhard MARKL		City of San Jose State of CA		
	(3)	Michael ORTEGA-BINDE	RBERGER	City of San Jose State of CA		
have	inventer	l certain improvements in				
TITL	TITLE METHOD AND SYSTEM FOR PROVIDING A LEARNING OPTIMIZER FOR FEDERATED DATABASE SYSTEMS					
and	executed	a United States Patent Applic	ation therefor o	n the following da	ite(s):	
		(1)	2005			
		(2) 2/25	2005			
		(3)	2005			
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 therefore;						
and a Comr applic Pater	st in the a Il rights o nissioner ation to I It on said	erefore, for a valuable consider sell, assign, and transfer to I said application and invention if priority resulting from the filling from the filling from the filling from the filling from the title of Patents to issue any Letter BM, its successors and assign invention and we will execute the tions when called upon to do to	therein disclose g of said United s Patent grante s; and we here all papers nece	ors and assigns, ed for the United 5 d States application d upon the invent by agree that IRM	the entire right, title and states and foreign cour on, and we request the tions set forth in said	d ntries,
Signe	d and sea	aled:				·
	<u>LÖCAT</u>	ION	DATE	<u>SiG</u>	INATURE	
(1)	•					
**-	Γ _	las.	n /- /	Ste ₁	phan Eberhard EWE	N
(2)	<u>Jan</u>	<u>Jose</u>	2/25/0	<u> </u>	John Mars	
(3)				¥ Q.	ker Gerhard MARKI	4
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PATENT REEL: 016376 FRAME: 0703

Docket No: SVL920040111US1/3439P

ASSIGNMENT

Wherea	as, I,			
	(1)	Stephan Eberhard E	EWEN	70197 Stuttgart. Germany
	(2)	Volker Gerhard MA		City of San Jose State of CA
((3)	Michael ORTEGA-E	BINDERBERGER	City of San Jose State of CA
have inv	ented/	certain improvements	in	· -
TITLE		METHOD AND SYS FEDERATED DATA	TEM FOR PROVI BASE SYSTEMS	DING A LEARNING OPTIMIZER FOR
and exec	cuted :	a United States Patent	Application therefor	on the following date(s):
		(1)	, 2005	
		(2)	, 2005	
		(3) <u>2/25</u>	, 2005	
entire rigi	ht, title	is, INTERNATIONAL E of business at Armonk and interest in the sai otained therefore;	BUSINESS MACHINE , New York 10504, (r d application and inve	S CORPORATION, a corporation of New York ereinafter called IBM), desires to acquire the ention, and to any United States and foreign
interest in and all rig Commiss applicatio Patent on	the sights of ioner on to IE	aid application and inversely priority resulting from of Patents to issue any of M. its successors and	ention therein disclos the filing of said Unite Letters Patent grant assigns; and we here	whereof is hereby acknowledged, we, the above sors and assigns, the entire right, title and ed for the United States and foreign countries, ed States application, and we request the ed upon the inventions set forth in said eby agree that IBM may apply for foreign Letters essary in connection with the United States and
Signed an	nd sea	led:		
	<u>CATI</u>	<u>NC</u>	DATE	<u>SIGNATURE</u>
(1)	··			Stephan Eberhard EWEN
(2)				prebuut enernald emen
- <u>-</u>	-			Volker Gerhard MARKL

Michael ORTEGA-BINDERBERGER

PATENT REEL: 016376 FRAME: 0704

RECORDED: 06/21/2005

(3)

San Jose, (A 2/25/05