700222020

Docket No: CA920050039US1

3600P

## RECORDATION FORM COVER SHEET PATENTS ONLY

## U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

Name of conveying party(ics):	2. Name and address of receiving party(ies):	
(1) John W. BELL	Name: International Business Machines Corporation	
(2) Simon Peter FIELD		
(3) Jason Michael GARTNER	Street Address: New Orchard Road	
(4) Randall R. HOLMES	City: Armonk State: NY Zip: 10504	
(5) Nancy A. KOPP		
(6) William T. O'CONNELL		
(7) Paulo ROBERTO ROSA PEREIRA	Additional name(s) and address(es) attached?   Yes No.	
Additional name(s) of conveying party(ies) attached?   Yes No.		
3. Nature of conveyance: <b>Assignment</b> Ex	(2) July 25, 2005 (5) July 15, 2005 (2) July 25, 2005 (6) October 11, 2005 (3) August 2, 2005 (7) August 31, 2005 (4) August 31, 2005	
Application number(s) or patent number(s):  If this document is being filed together with a new appli	ication, the execution date of the application is:	
If this document is being filed together with a new application No.(s) $11/1446,830$	ication, the execution date of the application is:  B. Patent No.(s)	
If this document is being filed together with a new application No.(s) 11/144,830  Additional numbers attached? □Yes ■No	B. Patent No.(s)	
If this document is being filed together with a new application No.(s) 11/144,830  Additional numbers attached? □Yes ■No  5. Name and address of party to whom correspondence concerning document should		
If this document is being filed together with a new appliance.  A. Patent Application No.(s) 11/146, § 30  Additional numbers attached? □Yes ■No  5. Name and address of party to whom	B. Patent No.(s)  6. Total number of applications and patents involved: One	
If this document is being filed together with a new appliance of the content of	B. Patent No.(s)	
If this document is being filed together with a new application No.(s) 11/144,830  Additional numbers attached? □Yes ■No  5. Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s)  6. Total number of applications and patents involved: One  7. Total fee (37 CFR 3.41)	
A. Patent Application No.(s) 11/144,830  Additional numbers attached? Tyes No.  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Sawyer Law Group LLP	B. Patent No.(s)  6. Total number of applications and patents involved: One  7. Total fee (37 CFR 3.41)	
A. Patent Application No.(s) 11/14 (ρ, § 3 O)  Additional numbers attached? □Yes ■No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Sawyer Law Group LLP  Address: P.O. Box 51418  Palo Alto, CA 94303  9. Statement and signature.	B. Patent No.(s)  6. Total number of applications and patents involved: One  7. Total fee (37 CFR 3.41)	
A. Patent Application No.(s) 11/14 (φ, 830)  Additional numbers attached? □Yes ■No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Sawyer Law Group LLP  Address: P.O. Box 51418  Palo Alto, CA 94303  9. Statement and signature.  To the best of my knowledge and belief, the foregoing	B. Patent No.(s)  6. Total number of applications and patents involved: One  7. Total fee (37 CFR 3.41)	

**PATENT** 

**REEL: 016965 FRAME: 0443** 

## **ASSIGNMENT**

Whereas, I,

(1)	John W. BELL	City of Lees Summit State of MO
(2)	Simon Peter FIELD	City of CH-8134 Adliswil State of Switzerland
(3)	Jason Michael GARTNER	City of Markham, Ontario State of Canada
(4)	Randall R. HOLMES	City of Apple Valley State of MN
(5)	Nancy A. KOPP	City of Wheaton State of Illinois
(6)	William T. O'CONNELL	City of Etobicoke, Ontario State of Canada
(7)	Paulo Roberto Rosa PEREIRA	City of Grapevine State of Texas

have invented certain improvements in

## TITLE VIRTUAL SOLUTION ARCHITECTURE FOR COMPUTER DATA SYSTEMS

and executed a United States Patent Application therefor on the following date(s):

(1) _	August 31,	, 2005
(2) _	July 25,	, 2005
(3) _	August 2.	, 2005
(4) _	August 31,	, 2005
(5) _	July 15,	, 2005
(6) _	October 11,	, 2005
<b>/7</b> \	Хуужиас± 21	2005

Docket No: CA920050039US1

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;

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 filling of said United States application, and we 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 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.

	•		
	LOCATION	DATE	SIGNATURE
(1)	Lees Summit, MO	<u>g-31-05</u>	John W. BELL IN IN
(2)	Switzerland	7-25-05	Simon Peter FIELD
(3)	<del></del>		Jason Michael GARTNER
(4)			Randall R. HOLMES
(5)			Nancy A. KOPP
(6)			William T. Q'CONNELL
(7)	Gropevine, TX	8-31-05	Paulo Roberto Rosa PEREIRA

PATENT

REEL: 016965 FRAME: 0445

Docket No: CA920050039US1 3600P

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Sign	ed and sealed:		
	<u>LOCATION</u>	DATE	<u>SIGNATURE</u>
(1)			John W. BELL
(2)			Simon Ashley FIELD
(3)	MARKHAM ONTHRIO, CANADA	Aug 2, 2005	Jason Michael GARTNER
(4)			Randall R. HOLMES
(5)			Nancy A. KOPP
(6)			William T. O'CONNELL
(7)			Paulo Roberto Rosa PEREIRA

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<u>LOCATION</u>	<u>DATE</u>	SIGNATURE
<u>.                                      </u>	<u> </u>	John W. BELL
		Simon Peter FIELD
Apple Valley, MN	8/31/2005	Jason Michael GARTNER  Kandoll R. Holmes  Randall R. HOLMES
		Nancy A. KOPP
<u> </u>		William T. O'CONNELL
		Paulo Roberto Rosa PEREIRA

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<u>LOCATION</u>	<u>DATE</u>	SIGNATURE
	<u> </u>	John W. BELL
		Simon Peter FIELD
		Jason Michael GARTNER
		Randall R. HOLMES
Wheaton, IL	_ guly (5,2005	Nancy A. KOPP
		William T. O'CONNELL
	<u> </u>	Paula Daharta Rosa PERFIR

3600P

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	<u>LOCATION</u>	DATE	<u>SIGNATURE</u>
(1)			John W. BELL
(2)			Simon Peter FIELD
(4)			Jason Michael GARTNER
(5)			Randall R. HOLMES
(6)	670 B1C1K€ 0~7917.3	11 007.65	Nancy A. KOPP
(7)	,		William T. O'CONNELL
. ,			Paulo Roberto Rosa PEREIRA

PATENT REEL: 016965 FRAME: 0449

**RECORDED: 11/01/2005**