504008307 09/16/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4054964

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDERIC BARRAT	04/23/2013
LAURENT DUFOUR	04/18/2013
KHALID FILALI-ADIB	04/17/2013
PERINKULAM I. GANESH	04/18/2013
J. MARK MCCONAUGHY	04/17/2013
STEPHEN B. PECKHAM	04/17/2013
DAVID W. SHEFFIELD	04/17/2013
MARC J. STEPHENSON	04/18/2013
NATHANIEL S. TOMSIC	04/19/2013
SUNGJIN YOOK	04/17/2013

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	NEW ORCHARD ROAD	
City:	ARMONK	
State/Country:	NEW YORK	
Postal Code:	10504	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13874521

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 512-291-9203

Email: ggoshorn@ip-law.net GREG GOSHORN, P.C. Correspondent Name: Address Line 1: 9600 ESCARPMENT BLVD.

Address Line 2: **SUITE 745-9**

Address Line 4: AUSTIN, TEXAS 78749

ATTORNEY DOCKET NUMBER: AUS920130049US1

PAIENI

REEL: 039762 FRAME: 0101 504008307

NAME OF SUBMITTER:	GREGORY K. GOSHORN
SIGNATURE:	/Gregory K. Goshorn/
DATE SIGNED:	09/16/2016
Total Attachments: 6 source=AUS920130049US1_Assignment_09-16-2016#page1.tif	

source=AUS920130049US1_Assignment_09-16-2016#page1.tif source=AUS920130049US1_Assignment_09-16-2016#page2.tif source=AUS920130049US1_Assignment_09-16-2016#page3.tif source=AUS920130049US1_Assignment_09-16-2016#page4.tif source=AUS920130049US1_Assignment_09-16-2016#page5.tif source=AUS920130049US1_Assignment_09-16-2016#page6.tif

> PATENT REEL: 039762 FRAME: 0102

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention:

LIVE APPLICATION MOBILITY FROM ONE OPERATING SYSTEM LEVEL TO AN UPDATED OPERATING SYSTEM LEVEL.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal

representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1)	Legal Name of Inventor: I	rederie Barrat	
	Signature:		Date: 4/23/13
(2)	Legal Name of Inventor:	Christine M. Briand	
	Signature:		Date:
(3)	Legal Name of Inventor: I	aurent Dufour	
	Signature:		Date:
(4)	Legal Name of Inventor: I	Chalid Filali-Adib	
	Signature:		Date:

IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS

Page 2 of 4

representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1)	Legal Name of Inventor: I	rederic Barrat
	Signature;	. Date:
(2)	Legal Name of Inventor: C	hristine M. Briand
	Signature:	Date:
(3)	Legal Name of Inventor: I	nurent Dufour
	Signature:	Date: April 18th 213
(4)	Legal Name of Inventor: I	halid Filali-Adib
	Signature;	Date:

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1)	Legal Name of Invento	r: Frederic Barrat	
	Signature:		Date:
(2)	Legal Name of Invento	r: Christine M. Briand	
	Signature:		Date:
(3)	Legal Name of Invento	r: Laurent Dufour	
	Signature:		Date:
(4)	Legal Name of Inventor	: Khalid Filali-Adib	
	Signature:	(MU)	Date: 4/17/20/

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Page 2 of 4

	IBM DOCKET NU	MBER: AUS920130049US1
(5) Legal Name of Invento	r: Perinkulam I. Ganesh	
Signature:	AS -	
(6) Legal Name of Invento	r: J. Mark McConaughy	
<i>~</i>	M. M. Cours	
(7) Legal Name of Invento	r: Stephen B, Peckham	
Signature: <u>He</u> p	en B. Pecken	
(8) Legal Name of Inventor	: David W. Sheffield	
Signature:	is W. Sheffield	Date: 4/17/2013
(9) Legal Name of Inventor	: Marc J. Stephenson	
Signature: Many	401	Date: 4/18/2013
(10) Legal Name of Invento	r: Nathaniel S. Tomsic	

[IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Page 3 of 4

4/19/2013

(11) Legal Name of Invantor-Stong in Work

Date: 14/12/20/3

Page 4 of 4

PATENT REEL: 039762 FRAME: 0108

RECORDED: 09/16/2016