PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2970845

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RONALD L. BILLAU	06/05/2012
CANIO CILLIS	05/24/2012
VINCENZO V. DI LUOFFO	06/15/2012
EKKART LESCHKE	05/24/2012

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:	13788059

CORRESPONDENCE DATA

Fax Number: (866)893-6754

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:	417-358-4700
Email:	derekm@ideaprotect.com
Correspondent Name:	DEREK P. MARTIN
Address Line 1:	PO BOX 548
Address Line 4:	CARTHAGE, MISSOURI 64836

ATTORNEY DOCKET NUMBER:	ROC920120089US3
NAME OF SUBMITTER:	DEREK P. MARTIN
SIGNATURE:	/derekpmartin/
DATE SIGNED:	08/06/2014

Total Attachments: 6
source=ROC920120089US1_SignedAssignment#page1.tif
source=ROC920120089US1_SignedAssignment#page2.tif
source=ROC920120089US1_SignedAssignment#page3.tif

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

USING THE MAINTENANCE CHANNEL IN A MOBILE DATA NETWORK TO PROVIDE SUBSCRIBER DATA WHEN A CACHE MISS OCCURS

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Application Number: ___13/525,889___

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, assigns, and otherwise transfers 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 Serial 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.

Page 1 of 2

Signature: _____ Date: 6-5-12
Ronald L. Billau

Signature: _____ Date: _____
Canio Cillis

Signature: _____ Date: _____
Vincenzo V. Di Luoffo

Signature: _____ Date: _____
Ekkart Leschke

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2

<u>**Executed by Inventor 1 of 4**</u>

Signature: _____ Date: _____
           Ronald L. Billau

<u>**Executed by Inventor 2 of 4**</u>

Signature: _Canio Cillis_____ Date: _24/5/ 2012_____
           Canio Cillis

<u>**Executed by Inventor 3 of 4**</u>

Signature: _____ Date: _____
           Vincenzo V. Di Luoffo

<u>**Executed by Inventor 4 of 4**</u>

Signature: _Ekkart Leschke_____ Date: _24. 0 S. 2012_____
           Ekkart Leschke

Page 2 of 2

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_____ Executed by Inventor 1 of 4 _____

Signature: _____   Date: _____
            Ronald L. Billau

_____ Executed by Inventor 2 of 4 _____

Signature: _____   Date: _____
            Canio Cillis

_____ Executed by Inventor 3 of 4 _____

Signature: _____   Date: _6-15-12_
            Vincenzo V. Di Luoffo

_____ Executed by Inventor 4 of 4 _____

Signature: _____   Date: _____
            Ekkart Leschke

Page 2 of 2