

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3504283

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HITHAM AHMED ASSEM ALY SALAMA	08/14/2015
RECEIVING PARTY DATA	
Name:	NATIONAL UNIVERSITY OF IRELAND MAYNOOTH
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State/Country:	IRELAND
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14198666
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DATE SIGNED:	08/28/2015
Total Attachments: 3	
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ASSIGNMENT

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

Title of the Invention: **DETERMINING QUALITY OF EXPERIENCE FOR COMMUNICATION SESSIONS**

and further identified by the 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:

Serial Number: 14/198,666, filed March 6, 2014

Whereas, the NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM), a University having a place of business at Maynooth, Co. Kildare, IRELAND, (herein referred to as "NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM)"), desires to acquire, and each undersigned Inventor desires to grant to NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM), 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 the NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM) (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 therefore 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 NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM), 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 NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM), its successors, legal representatives, and assigns, whenever requested by NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM), 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 NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM) 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 NATIONAL UNIVERSITY OF IRELAND MAYNOOTH (NUIM), 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.

[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature:


(Hitham Ahmed Assem Aly Salama)

Date:

1/8/2015

PATENT ASSIGNMENT

WHEREAS, IBM IRELAND PRODUCT DISTRIBUTION LIMITED (Registered in Dublin No. 92815), located at Oldbrook House, 24-32, Pembroke Road, Ballsbridge, Dublin 4, Ireland ("IBM PDL") and the NATIONAL UNIVERSITY OF IRELAND MAYNOOTH, Maynooth, Co. Kildare, Ireland ("NUIM") are parties to the Federated, Autonomic Management of End-to-end Communication Services' Agreement, including the Joint Ownership and Management Agreement, the IP Schedule, and other related agreements (together, the "FAME Agreements");

WHEREAS, IBM employees Jonathan Dunne, Paul B. French, James P. Galvin, Jr., and Patrick J. O'Sullivan, and NUIM employee Hitham Ahmed Assem Aly Salama ("Mr. Salama") are inventors listed on patent application 14/198,666 (the "Patent Application") developed in performance of the FAME Agreements;

WHEREAS, an assignment was executed on November 20, 2013, that assigned Mr. Salama's rights to International Business Machines, a NY Corporation ("IBM") (the "Salama-IBM Assignment");

WHEREAS, Mr. Salama was an employee of NUIM at the time of the invention with rights in the invention governed by Irish law, and under Irish law Mr. Salama's rights to the invention are owned by NUIM;

WHEREAS, IBM and NUIM desire to assign any rights that IBM received under the Salama-IBM Assignment to NUIM (the "Salama Rights"); and

WHEREAS, NUIM desires to acquire such Salama Rights;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the reservation of rights as provided below, IBM hereby transfers and assigns to NUIM, and NUIM hereby accepts the transfer and assignment of, all right, title, and interest that IBM has in the Salama Rights with respect to the Patent Application.

IBM also hereby transfers and assigns to NUIM, and NUIM hereby accepts the transfer and assignment of any foreign rights, with respect to the Salama Rights, to the Patent Application, in all countries of the world, including the right to file applications, prosecute, and obtain patents under any treaty including the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and of the European Patent Convention. IBM agrees that this executed document is recordable evidence of such transfer and assignment.

IBM hereby reserves and retains all rights that IBM has received, or has the right to receive, under assignments executed by IBM employees, or any other entity other than Mr. Salama in his capacity as an employee of NUIM, with respect to the Patent Application.

IN WITNESS WHEREOF, the parties hereto have executed this Patent Assignment by its respective duly authorized officer in their respective corporate names.

**National University of
Ireland Maynooth**

By *B.M.*

Title: *V.P. Research*

Date *22 April 2015*

**International Business Machines
Corporation**

By *Lisa M. Regan*

*Lisa M. Regan
Director of Finance, Research & Intellectual Property*

Date *4/29/15*

