503154312 01/28/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3200925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON L. ANDERSON	01/21/2015
GREGORY J. BOSS	01/21/2015
ANDREW R. JONES	01/21/2015
KEVIN C. MCCONNELL	01/22/2015
JOHN E. MOORE JR.	01/21/2015

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:	14607257

CORRESPONDENCE DATA

Fax Number: (512)306-1757

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: 5123061200

Email: jennifer@boiceip.com **Correspondent Name:** JAMES E. BOICE

Address Line 1: 3839 BEE CAVE ROAD

Address Line 2: SUITE 201

Address Line 4: WEST LAKE HILLS, TEXAS 78746

ATTORNEY DOCKET NUMBER:	END920140194US1
NAME OF SUBMITTER:	JAMES E. BOICE
SIGNATURE:	/James E. Boice/
DATE SIGNED:	01/28/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 503154312 REEL: 034828 FRAME: 0889

Total Attachments: 15 source=END920140194US1_FiledDecAssign_01-28-15#page1.tif source=END920140194US1 FiledDecAssign 01-28-15#page2.tif source=END920140194US1 FiledDecAssign 01-28-15#page3.tif source=END920140194US1_FiledDecAssign_01-28-15#page4.tif source=END920140194US1 FiledDecAssign 01-28-15#page5.tif source=END920140194US1 FiledDecAssign 01-28-15#page6.tif source=END920140194US1_FiledDecAssign_01-28-15#page7.tif source=END920140194US1_FiledDecAssign_01-28-15#page8.tif source=END920140194US1 FiledDecAssign 01-28-15#page9.tif source=END920140194US1 FiledDecAssign 01-28-15#page10.tif source=END920140194US1_FiledDecAssign_01-28-15#page11.tif source=END920140194US1_FiledDecAssign_01-28-15#page12.tif source=END920140194US1 FiledDecAssign 01-28-15#page13.tif source=END920140194US1_FiledDecAssign_01-28-15#page14.tif source=END920140194US1_FiledDecAssign_01-28-15#page15.tif

Title of Invention: ENSURING QUALITY OF BANDWIDTH IN A WI-FI CONNECTION TO AN INTERNET ACCESS POINT

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

[X] United States application or PCT international application number ____14/607,257 filed on _ January 28, 2015 ____.

The above-identified application was made or authorized to be made by me.

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I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") 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 (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my 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, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my 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, I hereby authorize and request 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 the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, 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 me had this Assignment not been made; and I agree 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 the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Page 1 of 3

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Thereby 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, JASON L. ANDERSON

Signature: <u>Joon Z Anderso</u>	Date: 1/21/15
(2) Legal Name of Inventor: GREGORY J. BOSS	
Signature:	Date:
(3) Legal Name of Inventor, ANDREW R. JONES	
Signature	Date:
4) Legal Name of Inventor: KEVIN C. MCCONNELL	
Signature	Date

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

Page 2 of 3

(5) Legal Name of Inventor: JOHN E. MOORE JR.	
Signature:	Date:

Title of Invention: ENSURING QUALITY OF BANDWIDTH IN A WI-FI CONNECTION TO AN INTERNET ACCESS POINT

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(1) Legal Name of Inventor: JASON L. ANDI	ERSON
Signature:	Date:
(2) Legal Name of Inventor: GREGORY J. B	oss
Signature:	Date: 1-21-2015
(3) Legal Name of Inventor: ANDREW R. JO	ONES
Signature:	Date:
(4) Legal Name of Inventor: KEVIN C. MCC	ONNELL
Signature	Date

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

(5) Legal Name of Inventor: JOHN E. MOORE JR.	
Signature:	Date:

Title of Invention: ENSURING QUALITY OF BANDWIDTH IN A WI-FI CONNECTION TO AN INTERNET ACCESS POINT

As a	below	named	and	undersigned	f inventor,	l hei	eby c	leclare	that:
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	Signature:	Date:
(2)	Legal Name of Inventor: GREGORY J. BOSS	
	Signature:	Date:
(3)	Legal Name of Inventor: ANDREW R. JONES	
	Signature: A. J.	Date: <u>/ 2/7</u> ,3/5
(4)	Legal Name of Inventor: KEVIN C. MCCONNELL	
	Signature:	Date:

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(5) I	egal Name of Inventor: JOHN E. MOORE JR.	
	gnature'	Date:

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	Signature:	_Date:
	Legal Name of Inventor: KEVIN C. MCCONNELL Signature:	Date: / ^ 2 Z -/ 5

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(5) Legal Name of Inventor: JOHN E. MOORE JR.

Signature:

Date: 21 Jan 2015

Page 3 of 3