PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Donnie H. Kim	07/31/2012
Kang-Won Lee	07/30/2012
Ramya Raghavendra	07/30/2012
Yang Song	07/30/2012
Ho Yin Starsky Wong	07/30/2012

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:	13562506

CORRESPONDENCE DATA

Fax Number: 9727331575 **Phone**: 9723809475

Email: clayton@walderiplaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: STEPHEN J. WALDER, JR.

Address Line 1: WALDER INTELLECTUAL PROPERTY LAW, P.C.

Address Line 2: 17330 PRESTON ROAD, SUITE 100B

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER:	YOR920120381US1	
NAME OF SUBMITTER:	Stephen J. Walder, Jr.	DATENT

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Total Attachments: 6 source=YOR920120381US1_Assignment#page1.tif source=YOR920120381US1_Assignment#page2.tif source=YOR920120381US1_Assignment#page3.tif source=YOR920120381US1_Assignment#page4.tif source=YOR920120381US1_Assignment#page5.tif

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IBM Docket Number: YOR920120381US1

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: RATE ADAPTIVE TRANSMISSION OF WIRELESS BROADCAST PACKETS

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 No. 13/562,506	înseri	series	code/serial	mumber	here if/when	available)
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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 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.

[Inventor Signature Page(s) Follows] Page 1 of 2

IBM Docket Number: YOR920120381USI

		Executed by Inventor 1	
Signature:			Date: 7/3//20/2
Signature:	Kang-Won Lee		Date:
·		Executed by Inventor 3	
Signature:	Ramya Raghavendra	Executed by Inventor 4	Date:
Signature:	Yang Song		Date:
		Executed by Inventor 5	}
Signature:	Ho Vin Starsky Wong		Date:

Page 2 of 2

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Source	Donnie H. Kim		Desc	
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		Executed by Inventor	•	
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	Yang Song	Executed by Inventor		
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A Character France	- CHRONIC ON FINA MORRO SERIOR	. Humbuct hore	. III WIIGH	dyanamici

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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 bereby 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, fegal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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[Inventor Signature Page(s) Follows] Page 1 of 2

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	Executed by	Inventor I
Signature: _		Date:
	Executed by	Inventor 2
Signature: _		Dafe:
	Executed by	Inventor 3
Signature: _	Ramya Raghaventira	Date: 7/30/20/2
***************************************	Executed by	Inventor 4
Signature:	Yang Song	Date:
	Executed by	Inventor 5
Signature:	Ho Yin Starsky Wong	Date:

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