

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TAKASHI SUZUKI	10/04/2007
	ZHIJUN CAI	10/03/2007
	JAMES EARL WOMACK	10/04/2007
RECEIVING PARTY DATA		
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State/Country:	CANADA	
Postal Code:	N2L 3W8	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14608441	
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<i>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.</i>		
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NAME OF SUBMITTER:	CHRISTIE LOVEN	
SIGNATURE:	/Christie Loven/	
DATE SIGNED:	08/31/2016	
Total Attachments: 4		
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source=assignment-pat-32156-218#page4.tif		

ASSIGNMENT

In consideration of One (\$1.00) Dollar and other good and valuable consideration paid to me/us by Research In Motion Limited whose full post office address is 295 Phillip Street, Waterloo, Ontario N2L 3W6, Canada (hereinafter called the Assignee), the receipt whereof is hereby acknowledged, I/we do hereby sell and assign unto the said Assignee, all my/our right(s), title and interest in and to my/our invention relating to **METHOD AND SYSTEM FOR DYNAMIC ACK/NACK REPETITION FOR ROBUST DOWNLINK MAC PDU TRANSMISSION IN LTE**, the same to be held and enjoyed by the Assignee, its successors, assigns, or legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted including any extension thereof as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

AND I/WE HEREBY AUTHORIZE the Assignee to make application for and to receive Letters Patent for said invention in Canada, the United States of America, its territories and possessions, Great Britain, and all foreign countries in its own name, or in any name, at its election.

AND I/WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that I/we will at any time, upon the request and at the expense of the Assignee, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor, in the name of the Assignee, its successors, assigns, or other legal representatives, and that I/we will, at any time, upon the request and at the expense of the Assignee, testify in any legal proceedings, sign all lawful papers, execute any additional, divisional, substituting, continuing or re-issue applications for patents for said invention, or any part or parts thereof, make all rightful oaths and generally do all lawful acts to aid the Assignee, its successors, assigns or other legal representatives to obtain and enforce patent protection in said invention in all countries, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

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PATENT
REEL: 039655 FRAME: 0237

AND I/WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent for said invention, or resulting from said application, or from any division, re-issue, or extension thereof, to the Assignee as the sole assignee.

Signed at

this _____ day of _____, 2007.

Witness

Name: (printed) _____

Inventor: Takashi SUZUKI

Signed at

this 3 day of October, 2007.

Witness

Name: (printed) LaCrissa Sapp

Inventor: Zhijun CAI

Signed at

this 3 day of October, 2007.

Witness

Name: (printed) _____

Inventor: James Earl WOMACK

2173-809

Doc. 197678

Page 2 of 2

AND I/WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent for said invention, or resulting from said application, or from any division, re-issue, or extension thereof, to the Assignee as the sole assignee.

Signed at
this day of , 2007.

Witness
Name: (printed) _____

Inventor: Takashi SUZUKI

Signed at
this day of , 2007.

Witness
Name: (printed) _____

Inventor: Zhijun CAI

Signed at
this 4th day of October, 2007.

Sarah Buchanan Cross
Witness
Name: (printed) Sarah Buchanan Cross

James E. Womack
Inventor: James Earl WOMACK

2173-509
Doc. 197876

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