

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2635742

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK PECEN	08/16/2007
RECEIVING PARTY DATA	
Name:	RESEARCH IN MOTION LIMITED
Street Address:	295 PHILLIP STREET
City:	WATERLOO
State/Country:	CANADA
Postal Code:	N2L 3W8
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13296660
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	42783-3981
NAME OF SUBMITTER:	CHRISTINE Y. WONG
Signature:	/Christine Y. Wong/
Date:	12/04/2013
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Mark B. Pecan                    of 333 Old Post Road., Waterloo, Ontario, N2L 5P3 Canada  
                                  of  
                                  of  
                                  of  
                                  of

has/have invented certain new and useful improvements in an invention entitled  
**METHODS AND APPARATUS FOR INCREASING DATA THROUGHPUT BY GROUPING DATA PACKETS INTO MAXIMUM TRANSMISSIBLE UNITS**

for which an application for United States Letters Patent will be or has been filed, and as further identified by:

RIM Identification No.: 30317-ID  
RIM U.S. File No.: 30317-US-PAT  
U.S. Attorney Docket No.: 0108-0330/US/2  
USPTO Application No.: 11/760,376

WHEREAS, RESEARCH IN MOTION LIMITED, (hereinafter referred to as the "ASSIGNEE"), a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I/WE, ASSIGNOR(S) does/do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the inventions therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the ASSIGNEE for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made;

AND I/WE, ASSIGNOR(S) hereby agrees/agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said inventions; and ASSIGNOR(S)


RIM Identification No. : 30317-ID  
RIM U.S. File No. : 30317-US-PAT  
U.S. Attorney Docket No. : 0100-0338/06/2  
USPTO Application No. : 11/760,376

further agrees/agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of ASSIGNEE, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

RIM Identification No.: 30317-ID  
RIM U.S. File No.: 30317-US-PAT  
U.S. Attorney Docket No.: 0108-0338/US/2  
USPTO Application No.: 11/760,376

(1) aug. 16. 07 DATE  SIGNATURE  
Mark E. Pecan  
333 Old Post Road, Waterloo, Ontario, N2L 5P3 Canada ADDRESS

STATEMENT BY WITNESS

I, Jennifer Horsfall, whose full Post Office  
address is 21 Welwood Ave Wellesley Ont N0B  
2T0  
(Address of Witness)

hereby declare that I was personally present and did see the above named  
person, personally known to me to be the person named in the assignment, duly  
sign and execute the same.

aug. 16. 07 (Date)   
(Signature of Witness)