

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Piotr K. TYSOWSKI</td><td>12/22/2006</td></tr><tr><td>Matthew BELLS</td><td>12/22/2006</td></tr></tbody></table>	Name	Execution Date	Piotr K. TYSOWSKI	12/22/2006	Matthew BELLS	12/22/2006	
Name	Execution Date						
Piotr K. TYSOWSKI	12/22/2006						
Matthew BELLS	12/22/2006						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11616353</td></tr></tbody></table>	Property Type	Number	Application Number:	11616353			
Property Type	Number						
Application Number:	11616353						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	P1830US00						
NAME OF SUBMITTER:	Geoffrey deKleine						
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

OP \$40.00 11616353

PATENT

REEL: 018680 FRAME: 0479

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## **WORLDWIDE ASSIGNMENT**

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

**Piotr K. TYSOWSKI – 459 Bluestream Road, Waterloo, Ontario, N2K 2K2, Canada**

**Matthew BELLS – 409-5 Father David Bauer Drive, Waterloo, Ontario, N2L 6M2,  
Canada;**

has/have invented certain new and useful improvements in an invention entitled **METHOD AND APPARATUS FOR MEMORY MANAGEMENT IN AN ELECTRONIC DEVICE** for which an application for United States Letters Patent was filed on December 27, 2006 as United States Patent Application No. 11/616,353 and as further identified by Docket No. P1830US00 and RIM Reference No. 30754-1-US-PAT; and

WHEREAS, **Research In Motion Limited** (hereinafter referred to as the "ASSIGNEE"), a corporation organized under the laws of the province of Ontario, having a place of business at **295 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada**, 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 invention therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said invention;

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 invention 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 invention 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 invention; and ASSIGNOR(S) 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 invention 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:

Date: DEC. 22, 2006

P. Tysowski  
Piotr K. TYSOWSKI

STATEMENT BY WITNESS

is I, RYSZARD TYSOWSKI, whose full Post Office address

459 BLUESTREAM RD, WATERLOO, ON  
(Address of Witness)

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

Date: DEC 22, 2006

R. Tysowski  
(Signature of Witness)

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

Date: 2006. dec. 22

  
Matthew BELLS

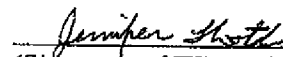
STATEMENT BY WITNESS

I, Jennifer Lhotak, whose full Post Office address  
is

316 Westcourt Pl Waterloo ON N2L 2R7  
(Address of Witness)

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

Date: Dec 22/2006

  
(Signature of Witness)