

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): LOWLES, Robert Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Research in Motion Limited</u> Internal Address: _____ Street Address: <u>295 Phillip Street</u> City: <u>Waterloo</u> Ontario, Canada State: _____ Zip: <u>N2L 3W8</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>June 21/04</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/858,070</u> <u>filed June 2, 2004</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>TORYS LLP</u> Internal Address: _____ Street Address: <u>Suite 3000, P.O. Box 270,</u> <u>79 Wellington St. West, TD Centre</u> City: <u>Toronto</u> Ontario, Canada State: _____ Zip: <u>M5K 1N2</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____	
DO NOT USE THIS SPACE		
9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>T. Andrew Currier, Reg. No. 45,400</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;"> Signature </div> <div style="width: 30%; text-align: right;"> <u>September 15, 2004</u> Date </div> </div>		
Total number of pages including cover sheet, attachments, and documents: <u>4</u>		

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

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 PATENT
 REEL: 015141 FRAME: 0539

WORLDWIDE ASSIGNMENT

WHEREAS, WE, (hereinafter referred to as the "ASSIGNORS"):

- (1) TONG, Kuo-Feng, _____
Ontario, Canada;
- (2) DRADER, Marc, _____
Ontario, Canada; and
- (3) LOWLES, Robert, _____
Ontario, Canada;

have invented certain new and useful improvements in an invention entitled **MIXED MONOCHROME AND COLOUR DISPLAY DRIVING TECHNIQUE** for which an application for United States Letters Patent was filed on June 2, 2004, and as further identified by Docket No. 30889-2015 and RIM Reference No. 0897-ID; and

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, ASSIGNORS 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 me had this assignment and sale not been made;

AND ASSIGNORS hereby 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 ASSIGNORS further 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 ASSIGNORS hereby authorize and 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: _____

TONG, Kuo-Feng

_____, Ontario
Canada

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(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.

Date: _____

(Signature of Witness)

Date: _____

DRADER, Marc

_____, Ontario

Canada

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(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.

Date: _____

(Signature of Witness)

Date: June 21/04

Robert Lowles

LOWLES, Robert

393 GATESTONE

WATERLOO, Ontario

Canada

STATEMENT BY WITNESS

I, Marc Drader, whose full Post Office address is

44 Woodland Ave, Kitchener ON N2M 3G7

(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.

Date: June 21, 2004

Marc Drader

(Signature of Witness)