Docket No.:

	FORM COVER SHEET U.S. DEPARTMENT OF COMMERC
■ OMB No. 0651-0027 (exp. s/31/2002)	ITS ONLY Patent and Trademark Office
Tab settings → → ▼ ▼	▼
To the Director of the United States Patent and Trademark O	ffice: Please record the attached original documents or copy thereof.
Name of conveying party(ies): Michael Shenfield Bryan R. Goring David DeBruín	Name and address of receiving party(ies): Name: Research In Motion Limited Internal Address: 176 Columbia Street West
Additional names(s) of conveying party(ies)	Waterloo, Ontario N2L 3L3, Canada
3. Nature of conveyance:	-
	Street Address:
☐ Security Agreement ☐ Change of Name ☐ Other	City: State: ZIP:
Execution Date: November 15, 16, 18, 2005	- Additional name(s) & address(es) attached? □ Yes ☒ No
11/078,427 Additional numbers atta	ached? 🗀 Yes 🗷 No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1
Name: Grant W.C. Tisdall, Reg. 53,902 Internal Address: Gowling Lafleur Henderson LLP Suite 1600, 1 First Canadian Place 100 King Street West	7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account
Street Address: Toronto, Ontario M5X 1G5, Canada	8. Deposit account number: 07-1750
City: State: ZIP:	- (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature.	vation is true and correct and any attached copy is a true copy March 14, 2006
Name of Person Signing Total number of pages including cover sh	Signature 5 Date

2006-03-14 14:14 >> 915712730140 P 4/7

UNITED STATES PATENT ASSIGNMENT

WHEREAS Michael Shenfield, residing at 38 Stockdale Crescent, Richmond Hill, Ontario, L4C 3S9, CANADA, Bryan R. Goring, residing at 1542 Morse Place, Milton, Ontario, L9T 5V4, CANADA, and David DeBruin, residing at 40 Elginfield Drive, Guelph, Ontario N1E 4E7, CANADA (hereinafter collectively referred to as the "ASSIGNORS" and individually an "ASSIGNOR") have invented certain new and useful improvements in an invention entitled

SYSTEM AND METHOD FOR DESIGNING COMPONENT BASED APPLICATIONS,

such invention being described in an U.S. Patent Application Serial No. 11/078,427, filed on March 14, 2005;

AND WHEREAS, **RESEARCH IN MOTION LIMITED**, a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 176 Columbia Street West, Waterloo, Ontario, N2L 3L3, CANADA (hereinafter referred to as the "ASSIGNEE") 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, to be granted for said invention;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, the ASSIGNORS confirm and agree as follows:

- 1. The ASSIGNORS hereby irrevocably sell, assign, transfer, convey and set over unto the ASSIGNEE, its successors and assigns, all of their respective right, title and interest in and to the aforesaid application for 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, the same to be held and enjoyed by the ASSIGNEE for its own use and behalf, and for the use and behalf 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. The Assignors have not made any other assignment other than the assignment hereunder.
- 2. The 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 the ASSIGNORS further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the ASSIGNEE, its successors and assigns, in and to said application and the invention therein disclosed, and in and to any and all

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PATENT REEL: 017335 FRAME: 0715 Letters Patent and reissues thereof, which may be granted upon said application, and any substitutes, divisions, or continuations thereof.

- 3. The ASSIGNORS hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for 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.
- 4. Each of the ASSIGNORS hereby irrevocably appoints the ASSIGNEE as such ASSIGNOR'S attorney-in-fact, with full authority in the place and instead of the ASSIGNOR making the appointment and in the name of the ASSIGNOR, by the ASSIGNEE or otherwise, from time to time in the ASSIGNEE'S discretion, upon the ASSIGNOR'S failure or inability to do so, to take any action and to execute any instrument which the ASSIGNEE may deem necessary or advisable to accomplish the purposes of this assignment including, without limitation, to modify, in its sole discretion, this assignment without first obtaining the ASSIGNOR'S approval of or signature to such modification and to make any filings as appropriate, to effect the full and complete assignment as contemplated hereunder.

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

Date: Nov. 15,05	****	
Michael Shenfield		
STATEMENT BY WITNESS		
I, Laurie (Nozmak whose full Post Office	c Address is	
5090 Commerce Blvd. 2nd Floor, Missinssona, ON 1914 SMY (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: November 15th, 2005 United (Signature of Witness)		

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undersigned:	this assignment has been executed below by the	
Date: Nov 16 2 w 5	Bryan R. Goring	
STATEMENT BY WITNESS		
I, ZHONGHAI LUD	whose full Post Office Address is	
Apt 2903, 24 Makelle Ave, Tox	onto, ON, MAA 4X8	
(Address of Witness)		
hereby declare that I was personally present known to me to be the person named in the as Date:	t and did see the above named person, personally signment, duly sign and execute the same.	
	(Signature of Witness)	

IN WITNESS WHEREOF, this assigned:	gnment has been executed below by the	
Date: Nov (8/05	Dand De Bun	
I	Dăvid DeBruin /	
STATEMENT BY WITNESS		
1, Curtis Wetherly	whose full Post Office Address is	
2309 Mount are Oakville Ont	L6H 56-4	
(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: No. 19 2005	Signature of Witness)	

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RECORDED: 03/14/2006

PATENT REEL: 017335 FRAME: 0718