

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT
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CONVEYING PARTY DATA

Name	Execution Date
2012244 Ontario Inc.	10/20/2006

RECEIVING PARTY DATA

Name:	Research In Motion Limited
Street Address:	295 Phillip Street
City:	Waterloo
State/Country:	ONTARIO
Postal Code:	N2L 3W8

PROPERTY NUMBERS Total: 45

Property Type	Number
Application Number:	10930639
Application Number:	10930742
Application Number:	10859067
Application Number:	10930586
Application Number:	10859444
Application Number:	10858828
Application Number:	10859053
Application Number:	10858863
Application Number:	10858829
Application Number:	10859052
Application Number:	10931281
Application Number:	10931276
Application Number:	10930726
Application Number:	10991800
Application Number:	10930740

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Application Number:	11398379
Application Number:	11119387
Application Number:	11098783
Application Number:	11098784
Application Number:	11098596
Application Number:	11191754
Application Number:	11398222
Application Number:	11398397
Application Number:	11119455
Application Number:	11191743
Application Number:	11216523
Application Number:	11460382
Application Number:	11331700
Application Number:	11331593
Application Number:	11399641
Application Number:	11331455
Application Number:	11331925
Application Number:	11331851
Application Number:	11331817
Application Number:	11331813
Application Number:	11400550
Application Number:	11460388
Application Number:	11396275
Application Number:	11396278
Application Number:	11428073
Application Number:	11399271
Application Number:	11400493
Application Number:	11427946
Application Number:	11427971
Application Number:	11428020

**CORRESPONDENCE DATA**

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Address Line 4: Pittsburgh, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:

291010-00001

NAME OF SUBMITTER:

Brij K. Agarwal

**Total Attachments: 7**

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## WORLDWIDE ASSIGNMENT

WHEREAS, **2012244 ONTARIO INC.**, (hereinafter referred to as the "ASSIGNOR"), 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 an owner of a right, title and interest in the patent applications listed on Appendix A, attached hereto (hereinafter "Applications"); 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 aforesaid right, title and interest in and to said Applications 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 valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR, intending to be legally bound, does hereby confirm sale, assignment, transfer, and set over, and does hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the aforesaid right, title and interest in and to the aforesaid Applications 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 Applications and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said Applications, and in and to any and all Letters Patent which may be granted for said inventions in any other 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 Assignor had this assignment and sale not been made;


AND ASSIGNOR hereby agrees 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 Applications, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said Applications, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said inventions; and ASSIGNOR further agrees 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 Applications 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 Applications, and any substitutes, divisions, or continuations thereof, and upon any foreign applications;

AND ASSIGNOR hereby authorizes and requests The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid Applications for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said Applications, and each

and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the aforesaid right, title and interest therein, in accordance with this assignment.

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

2012244 ONTARIO INC.

By: x   
Title: PRESIDENT

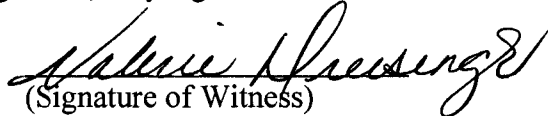
STATEMENT BY WITNESS

I, VALERIE DREISINGER, whose full Post Office address is

644 B JACOB LANE, WATERLOO, ONTARIO, CANADA  
(Address of Witness) N2V 2A8

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 Worldwide Assignment, duly sign and execute the same.

Date: Oct 20/06

  
(Signature of Witness)

**RESEARCH IN MOTION LIMITED**

By: Jon B. Balli  
Title: CO-CEO & CHAIRMAN

**STATEMENT BY WITNESS**

I, VALERIE DREISINGER, whose full Post Office address is  
644B JACOB HANE, WATERLOO, ONTARIO, CANADA  
(Address of Witness) N2V 2A8

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 Worldwide Assignment, duly sign and execute the same.

Date: Oct 20 / 06

Valerie Dreisinger  
(Signature of Witness)

<u>Attorney Docket No.</u>	<u>Application No.</u>	<u>Title</u>	<u>Filing Date</u>
291010-00031	10/930,639	SYSTEM AND METHOD FOR MULTILANGUAGE TEXT INPUT IN A HANDHELD ELECTRONIC DEVICE	08/31/2004
291010-00032	10/930,742	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	08/31/2004
291010-00033	10/859,067	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	06/02/2004
291010-00038	10/930,586	SYSTEM AND METHOD FOR MANAGING DATABASES IN A HANDHELD ELECTRONIC	08/31/2004
291010-00039	10/859,444	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	06/02/2004
291010-00040	10/858,828	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	06/02/2004
291010-00045	10/859,053	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	06/02/2004
291010-00048	10/858,863	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	06/02/2004
291010-00049	10/858,829	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	06/02/2004
291010-00050	10/859,052	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	06/02/2004
291010-00090	10/931,281	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	08/31/2004
291010-00092	10/931,276	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	08/31/2004
291010-00094	10/930,726	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	08/31/2004
291010-00033-2	10/991,800	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	11/18/2004
291010-00104	10/930,740	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION	08/31/2004
291010-00181	11/398,379	HANDHELD ELECTRONIC DEVICE AND METHOD FOR PERFORMING SPELL CHECKING DURING TEXT ENTRY AND FOR INTEGRATING THE OUTPUT FROM SUCH SPELL CHECKING INTO THE OUTPUT FROM DISAMBIGUATION	04/05/2006
291010-00182	11/119,387	METHOD FOR GENERATING TEXT IN A HANDHELD ELECTRONIC DEVICE AND A HANDHELD ELECTRONIC DEVICE INCORPORATING THE SAME	04/29/2005
291010-00229	11/098,783	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION EMPLOYING ADVANCED EDITING FEATURE	04/04/2005

<u>Attorney Docket No.</u>	<u>Application No.</u>	<u>Title</u>	<u>Filing Date</u>
291010-00231	11/098,784	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION EMPLOYING ADVANCED TEXT CASE FEATURE	04/04/2005
291010-00233	11/098,596	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION EMPLOYING ADVANCED WORD FREQUENCY LEARNING FEATURE	04/04/2005
291010-00252	11/191,754	HANDHELD ELECTRONIC DEVICE WITH DISAMBIGUATION OF COMPOUND WORD TEXT INPUT	07/28/2005
291010-00254	11/398,222	HANDHELD ELECTRONIC DEVICE AND METHOD FOR PERFORMING OPTIMIZED SPELL CHECKING DURING TEXT ENTRY BY PROVIDING A SEQUENTIALLY ORDERED SERIES OF SPELL-CHECK ALGORITHMS	04/05/2006
291010-00256	11/398,397	HANDHELD ELECTRONIC DEVICE AND METHOD FOR PERFORMING SPELL CHECKING DURING TEXT ENTRY AND FOR PROVIDING A SPELL-CHECK LEARNING FEATURE	04/05/2006
291010-00262	11/119,455	METHOD FOR GENERATING TEXT THAT MEETS SPECIFIED CHARACTERISTICS IN A HANDHELD ELECTRONIC DEVICE AND A HANDHELD ELECTRONIC DEVICE INCORPORATING THE SAME	04/29/2005
291010-00314	11/191,743	HANDHELD ELECTRONIC DEVICE WITH DISAMBIGUATION OF COMPOUND WORD TEXT INPUT EMPLOYING SEPARATING INPUT	07/28/2005
291010-00352	11/216,523	HANDHELD ELECTRONIC DEVICE WITH TEXT DISAMBIGUATION ALLOWING DYNAMIC EXPANSION OF INPUT KEY ASSOCIATIONS	08/31/2005
291010-00432	11/460,382	SPEECH-BASED NOTIFICATION ON A HANDHELD DEVICE	07/27/2006
291010-00436	11/331,700	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DISAMBIGUATION OF COMPOUND TEXT INPUT AND THAT EMPLOYS N-GRAM DATA TO LIMIT GENERATION OF LOW-PROBABILITY COMPOUND LANGUAGE SOLUTIONS	01/13/2006
291010-00438	11/331,593	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DISAMBIGUATION OF TEXT INPUT AND PROVIDING SPELLING SUBSTITUTION	01/13/2006
291010-00441	11/399,641	HANDHELD ELECTRONIC DEVICE AND METHOD FOR EMPLOYING CONTEXTUAL DATA FOR DISAMBIGUATION OF TEXT INPUT	04/06/2006
291010-00443	11/331,455	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DISAMBIGUATION OF COMPOUND TEXT INPUT AND EMPLOYING DIFFERENT GROUPINGS OF DATA SOURCES TO DISAMBIGUATE DIFFERENT PARTS OF INPUT	01/13/2006



<u>Attorney Docket No.</u>	<u>Application No.</u>	<u>Title</u>	<u>Filing Date</u>
291010-00445	11/331,925	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DISAMBIGUATION OF COMPOUND TEXT INPUT AND PRIORITIZING COMPOUND LANGUAGE SOLUTIONS ACCORDING TO QUANTITY OF TEXT COMPONENTS	01/13/2006
291010-00447	11/331,851	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DISAMBIGUATION OF TEXT INPUT PROVIDING SUPPRESSION OF LOW PROBABILITY ARTIFICIAL VARIANTS	01/13/2006
291010-00449	11/331,817	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DISAMBIGUATION OF TEXT INPUT PROVIDING ARTIFICIAL VARIANTS COMPRISED OF CHARACTERISTICS IN A CORE ALPHABET	01/13/2006
291010-00484	11/331,813	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DISAMBIGUATION OF COMPOUND TEXT INPUT AND PRIORITIZING COMPOUND LANGUAGE SOLUTIONS ACCORDING TO COMPLETENESS OF TEXT COMPONENTS	01/13/2006
291010-00488	11/400,550	HANDHELD ELECTRONIC DEVICE PROVIDING PROPOSED CORRECTED INPUT IN RESPONSE TO ERRONEOUS TEXT ENTRY IN ENVIRONMENT OF TEXT REQUIRING MULTIPLE SEQUENTIAL ACTUATIONS OF THE SAME KEY, AND ASSOCIATED METHOD	04/07/2006
291010-00491	11/460,388	METHOD OF RESPONDING TO AN INCOMING COMMUNICATION RECEIVED BY A HANDHELD DEVICE	07/27/2006
291010-00536	11/396,275	HANDHELD ELECTRONIC DEVICE INCLUDING TOGGLE OF A SELECTED DATA SOURCE, AND ASSOCIATED METHOD	03/31/2006
291010-00537	11/396,278	HANDHELD ELECTRONIC DEVICE INCLUDING INDICATION OF A SELECTED DATA SOURCE, AND ASSOCIATED METHOD	03/31/2006
291010-00538	11/428,073	METHOD OF LEARNING CHARACTER SEGMENTS DURING TEXT INPUT, AND ASSOCIATED HANDHELD ELECTRONIC DEVICE	06/30/2006
291010-00586	11/399,271	HANDHELD ELECTRONIC DEVICE AND METHOD FOR LEARNING CONTEXTUAL DATA DURING DISAMBIGUATION OF TEXT INPUT	04/06/2006
291010-00588	11/400,493	HANDHELD ELECTRONIC DEVICE PROVIDING A LEARNING FUNCTION TO FACILITATE CORRECTION OF ERRONEOUS TEXT ENTRY IN ENVIRONMENT OF TEXT REQUIRING MULTIPLE SEQUENTIAL ACTUATIONS OF THE SAME KEY, AND ASSOCIATED METHOD	04/07/2006
291010-00592	11/427,946	HANDHELD ELECTRONIC DEVICE AND METHOD FOR DUAL-MODE DISAMBIGUATION OF TEXT INPUT	06/30/2006

<u>Attorney Docket No.</u>	<u>Application No.</u>	<u>Title</u>	<u>Filing Date</u>
291010-00597	11/427,971	METHOD OF LEARNING A CONTEXT OF A SEGMENT OF TEXT, AND ASSOCIATED HANDHELD ELECTRONIC DEVICE	06/30/2006
291010-00599	11/428,020	METHOD OF LEARNING CHARACTER SEGMENTS FROM RECEIVED TEXT, AND ASSOCIATED HANDHELD ELECTRONIC DEVICE	06/30/2006