

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3689661

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	2256355 ONTARIO LIMITED	03/28/2012
RECEIVING PARTY DATA		
Name:	RESEARCH IN MOTION LIMITED	
Street Address:	295 PHILLIP STREET	
City:	WATERLOO, ONTARIO	
State/Country:	CANADA	
Postal Code:	N2L 3W8	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14795071
CORRESPONDENCE DATA		
Fax Number:	(877)769-7945	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	apsi@fr.com	
Correspondent Name:	FISH & RICHARDSON P.C.	
Address Line 1:	P.O. BOX 1022	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440	
ATTORNEY DOCKET NUMBER:	29717-0160005	
NAME OF SUBMITTER:	CHRISTIE LOVEN	
SIGNATURE:	/Christie Loven/	
DATE SIGNED:	01/11/2016	
Total Attachments: 20		
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**AMENDED AND RESTATED
PATENT ASSIGNMENT**

This AMENDED AND RESTATED PATENT ASSIGNMENT ("**Agreement**") dated as of March 28, 2012 by and between:

- (i) 2256355 Ontario Limited, a corporation organized under the laws of Ontario ("**Assignor**"), the address of which is 2256355 Ontario Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8 CANADA, and
- (ii) Research In Motion Limited, a corporation organized under the laws of Ontario ("**Assignee**"), the address of which is 295 Phillip Street, Waterloo, Ontario N2L 3W8 CANADA.

WITNESSETH:

WHEREAS, Assignor agreed to transfer certain assets of Assignor, including, without limitation, the patents, patent applications and provisional patent applications identified and set forth below;

WHEREAS, to effect such transfer, on or about March 2, 2012 (the "**Effective Date**"), Assignor and Assignee previously executed a Patent Assignment dated as of the Effective Date (the "**Original Assignment**") pursuant to which Assignor assigned to Assignee, and Assignee acquired from Assignor, all of Assignor's right, title and interest in and to the Assigned Patent Assets (as defined below); and

WHEREAS, Assignor and Assignee now wish to execute this Agreement in order to confirm the Original Assignment, to clarify certain details of Assigned Patents (as defined below) and to provide further evidence of the assignment to Assignee of all of Assignor's right, title and interest in and to the Assigned Patent Assets.

NOW, THEREFORE, in consideration of the foregoing and the mutual promises and agreements contained in this Agreement and for other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. **Confirmation and Assignment.** Assignor hereby confirms that it has assigned to Assignee, and Assignee hereby confirms that it has accepted and acquired from Assignor (in each case, as of the Effective Date), all of Assignor's right, title and interest throughout the world (under any and all laws and in any and all jurisdictions) in and to the Assigned Patent Assets (as defined below). By way of further assurance, to the extent it did not already occur as of the Effective Date, Assignor hereby assigns to Assignee, and Assignee hereby accepts and acquires from Assignor (in each case, effective on the date of this Agreement), all of Assignor's right, title, and interest throughout the world (under any and all laws and in any and all jurisdictions) in and to the following (collectively, the "**Assigned Patent Assets**");

EXECUTION VERSION

- (i) the following patents, patent applications and provisional patent applications (collectively, the **Assigned Patents**):

App Filed Date	App Filed Country Code	App Serial Number	App Patent Number	Disc Number
12-Oct-99	US	09/414,855	6,397,182	10174ST
15-Sep-00	DE	650132.4	60018349.1-08	10174ST
15-Sep-00	FR	650132.4	1 093 114	10174ST
15-Sep-00	GB	650132.4	1 093 114	10174ST
29-Dec-99	US	09/473,712	6,577,616	10296RO
13-Jun-00	CN	118188.2	ZL00118188.2	10296RO
16-May-00	NZ	504571	504571	10296RO
22-Dec-00	CA	2,395,983	#EMPTY	10296RO
22-Dec-00	BR	PI0016830-0	#EMPTY	10296RO
17-Dec-99	US	09/465,177	6,563,919	10591RR
27-Oct-00	DE	309454.7	60003512.3	10591RR
27-Oct-00	FR	309454.7	1 109 417	10591RR
27-Oct-00	GB	309454.7	1 109 417	10591RR
21-Jun-00	US	09/598,565	6,819,652	10592RR
16-Oct-00	US	09/688,557	7,406,299	10730ID
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16-Oct-00	EP	10182283.1	#EMPTY	10730ID
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7-Sep-00	US	09/656,883	6,628,954	11152RR
13-Oct-00	US	09/687,486	6,922,404	11462RR
8-May-00	US	09/567,129	6,754,710	11531RO
11-May-01	US	09/853,156	6,961,371	11741RO
29-Sep-00	US	09/671,736	7,197,029	11889RR
18-Jan-01	US	09/764,663	6,804,521	11964RO
26-Sep-00	US	09/670,152	7,203,598	12066RN
6-Dec-01	CN	01822881.X	ZL01822881.X	12151RO
26-Apr-01	US	09/842,128	6,996,418	12151RO
20-Feb-01	US	09/789,435	6,839,356	12181RR
20-Feb-01	DE	1904259.7	60132430.7	12181RR
20-Feb-01	FR	1904259.7	1 262 055	12181RR
20-Feb-01	GB	1904259.7	1 262 055	12181RR
20-Feb-01	AU	32171/01	773636	12181RR
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20-Mar-95	BE	95914384.3	752191	12386FR
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22-Mar-94	FR	9403345	2717969	12386FR
20-Mar-95	US	08/714,108	5,878,033	12386FR
20-Oct-00	US	09/693,128	6,871,081	12500ID
29-Sep-00	US	09/672,704	6,721,569	12648RO
18-Dec-03	US	10/737,772	7,031,753	12648RO
3-Feb-06	US	11/346,261	7,414,964	12648RO
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25-Feb-00	FR	2398	2805690	13083FR
26-Dec-00	US	09/748,329	6,980,600	13099RO
19-Mar-01	US	09/811,743	7,031,453	13170HU
19-Oct-01	US	10/168,708	7,184,776	13228FR
20-Oct-00	DE	402920.3	60026268.5	13228FR
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20-Oct-00	GB	402920.3	1 199 902	13228FR
15-Dec-00	US	09/738,204	6,721,571	13607RR
27-Oct-00	CN	820108	ZL00820108.0	13632RO
27-Oct-00	KR	10-2003-7005905	10-0751601	13632RO
29-Aug-03	US	10/399,859	7,529,305	13632RO
27-Oct-00	DE	990885.6	60037759.8	13632RO
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29-Dec-00	US	09/753,124	6,871,214	13637RO
16-May-02	US	10/145,792	6,757,344	13902RO
16-Mar-01	FR	103614	2822317	14153FR
13-Mar-02	EP	2290638.2	#EMPTY	14153FR
12-Mar-02	US	10/095,729	7,197,050	14153FR
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14-Dec-01	DE	1273669	1 360 811	14213RR
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20-Nov-01	US	09/989,599	7,167,466	14213RR
29-Mar-02	US	10/109,749	7,085,307	14257ID
27-Sep-01	US	09/965,272	7,151,944	14471RO
26-Jun-02	US	10/179,953	7,391,779	14486RO
8-Sep-95	MX	971977	205241	14733ID
8-Jan-02	US	10/038,883	7,248,559	14761RO

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15-Oct-02	KR	10-2004-7005684	10-0876709	14761RO
4-Nov-08	HK	08112080.8	#EMPTY	14761RO
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6-Jul-10	US	12/830,791	7,949,061	14761RO
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28-Jun-07	US	11/819,690	7,545,734	14761RO
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20-Dec-02	EP	2795400.7	#EMPTY	14974RO
29-Mar-02	US	10/109,915	7,149,239	15115ID
1-Oct-02	US	10/262,393	7,555,108	15126RO
20-Dec-02	US	10/326,324	7,436,817	15262RR
1-Apr-03	US	10/403,109	7,313,115	15280RM
2-Oct-02	US	10/263,268	7,394,860	15305RO
1-Apr-04	TW	93108997	I337479	15305RO
27-Aug-02	FR	210613	2844119	15354FR
11-Aug-03	EP	3292014.2	1 394 962	15354FR
21-Aug-03	US	10/645,254	7,369,814	15354FR
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11-Aug-03	DE	3292014.2	1 394 962	15354FR
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24-Sep-02	US	10/254,499	7,013,161	15411RO
6-Feb-03	US	10/360,485	7,200,407	15518ID
11-Mar-03	US	10/385,792	7,826,471	15600ID
9-Mar-04	EP	4251347.3	1 458 205	15600ID
13-Sep-10	US	12/880,246	#EMPTY	15600ID
9-Mar-04	DE	4251347.3	1 458 205	15600ID
9-Mar-04	FR	4251347.3	1 458 205	15600ID
9-Mar-04	GB	4251347.3	1 458 205	15600ID
18-May-04	US	10/848,438	7,383,057	15622RO
16-Dec-02	US	10/321,999	7,508,798	15666RO
6-Nov-07	HK	08106645.8	#EMPTY	15666RO
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9-Feb-04	US	10/774,672	7,457,629	15920RR
27-Jun-03	US	10/607,860	7,349,496	16004RO
18-Sep-03	US	10/666,078	7,492,728	16041RR
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17-Dec-03	US	10/736,501	7,206,608	16445RO
6-Feb-04	GB	402793.4	2 410 872	16595ID
12-Mar-04	US	10/800,119	7,142,548	16632RR
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4-Mar-04	US	10/793,056	7,551,588	16633RR
5-Mar-04	CN	200480011623.3	ZL200480011623	16633RR
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15-Apr-05	WO	PCT/US2005/012796	#EMPTY	16984RR
15-Apr-05	EP	5737646.9	#EMPTY	16984RR
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12-Mar-07	US	11/685,069	7,965,738	17281RO
28-Dec-10	US	12/979,913	#EMPTY	17281RO
3-Jan-11	US	12/983,692	#EMPTY	17290RR

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30-Sep-05	US	11/239,864	7,864,777	17290RR
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24-Jul-06	WO	PCT/IB2006/002015	#EMPTY	17308RO
24-Jul-06	EP	6795146.7	#EMPTY	17308RO
12-Feb-10	US	12/704,850	8,024,641	17403MD
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29-Jul-08	US	11/665,171	7,996,746	17403MD
9-Jun-11	US	13/156,942	#EMPTY	17403MD
5-May-09	US	12/387,621	8,019,343	17505RR
6-Dec-05	US	11/295,232	7,546,124	17505RR
29-Jul-11	US	13/194,674	#EMPTY	17505RR
3-Mar-08	US	11/718,006	#EMPTY	17521RO
27-Jun-06	US	11/475,327	#EMPTY	17714FR
16-Mar-09	US	12/404,687	#EMPTY	17728RO
10-Aug-06	US	11/463,806	7,519,331	17728RO
24-May-06	US	11/440,165	#EMPTY	17787RR
24-May-06	CA	2,609,942	#EMPTY	17787RR
24-May-06	EP	6744764.9	#EMPTY	17787RR
24-May-06	WO	PCT/IB2006/001362	#EMPTY	17787RR
12-Jun-06	US	11/452,069	#EMPTY	17810RR
12-Jun-06	EP	6765506.8	#EMPTY	17810RR
13-Jun-06	US	11/451,722	#EMPTY	17819RR
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27-Jul-06	EP	6761195.4	#EMPTY	17846RO
22-Jan-08	US	11/996,463	#EMPTY	17846RO
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1-Sep-06	EP	6790162.9	#EMPTY	17934RR
29-Feb-08	US	11/991,301	7,817,635	17934RR
15-Dec-05	US	11/300,508	7,583,583	17942RO
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18-Apr-07	US	11/787,498	#EMPTY	17978FR
12-Apr-06	US	11/402,668	7,606,541	17993RO
12-Oct-06	US	12/089,938	8,054,898	17994RO
3-Oct-11	US	13/251,394	#EMPTY	17994RO
8-Jun-10	US	12/796,453	7,917,829	18001MD
10-Jan-11	US	12/987,729	8,099,646	18001MD
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16-Jun-06	US	11/454,824	7,747,934	18061MD
20-Jan-06	US	11/336,371	7,940,640	18068RO
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2-Feb-07	US	11/701,657	7,773,571	18182RR
18-Jul-06	US	11/488,366	7,623,487	18208RO

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3-Mar-10	US	12/717,026	7,970,354	18235RO
22-Dec-06	US	11/615,450	7,702,295	18235RO
18-May-11	US	13/110,427	#EMPTY	18235RO
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19-Mar-07	EP	7710766.2	#EMPTY	18272RO
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31-Dec-07	US	12/006,132	#EMPTY	18388RR
31-Oct-08	US	12/299,259	#EMPTY	18405RO
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28-Jan-09	US	12/375,499	#EMPTY	18446RO
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6-Aug-08	JP	2010-520271	#EMPTY	19026RR
6-Aug-08	KR	2010-7003645	#EMPTY	19026RR
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2-Aug-99	GB	99931422.2	1 103 102	RO4317
2-Aug-99	HK	01109223.9	HK1038448	RO4317
12-Apr-99	US	09/289,584	6,690,944	RO4361
22-Mar-00	AU	32691/00	774896	RO4369
22-Mar-00	BR	0009349-1	#EMPTY	RO4369
22-Mar-00	CN	805772.9	ZL00805992.9	RO4369
1-Apr-99	US	09/283,151	6,687,237	RO4369
22-Mar-00	KR	10-2001-7012556	10-0702547	RO4369
6-Dec-06	KR	10-2006-7025663	10-0857627	RO4369
9-Aug-99	US	09/370,178	7,031,406	RO4474
25-Oct-95	US	08/547,297	5,771,452	RR1047
21-Jul-97	US	08/897,303	6,014,440	RR2000
19-May-98	MX	9910614	226889	RR2057
19-May-98	BR	PI9809867-5	#EMPTY	RR2057
20-May-97	US	08/859,197	5,960,349	RR2057

EXECUTION VERSION

App Filed Date	App Filed Country Code	App Serial Number	App Patent Number	Disc Number
19-May-98	DE	98921298	69823498.7	RR2057
19-May-98	FR	98921298	0 983 705	RR2057
19-May-98	GB	98921298	0 983 705	RR2057
13-Nov-98	CN	98813103.X	ZL98813103.X	RR2131
13-Nov-98	KR	2000-7005276	536421	RR2131
13-Nov-98	MX	4737	223749	RR2131
14-Nov-97	US	08/970,682	6,353,729	RR2131
13-Nov-98	DE	98957047.8	698 13 002.2	RR2131
13-Nov-98	FR	98957047.8	1 031 193	RR2131
13-Nov-98	GB	98957047.8	1 031 193	RR2131
13-Nov-98	HK	01104973.2	HK1034382	RR2131
22-Jun-98	US	09/102,262	6,459,696	RR2146
25-Sep-00	US	09/669,097	6,519,457	RR2177
22-Dec-97	US	08/995,639	6,208,659	RR2197
6-Jun-97	US	08/871,007	6,097,966	RR2205
17-Dec-97	US	08/992,588	6,507,741	RR2221
3-Aug-98	CN	98808050.8	CN100401798C	RR2231
31-Jul-98	US	09/127,104	6,148,201	RR2231
16-Jul-98	US	09/116,407	6,285,669	RR2277
10-Jun-98	US	09/095,170	6,799,046	RR2345
21-Dec-98	US	09/217,266	6,370,127	RR2376
4-Feb-99	US	09/244,923	6,408,181	RR2437
23-Sep-99	US	09/404,515	6,473,097	RR2510
11-Jun-99	US	09/330,915	6,631,122	RR2517
17-Jul-00	US	09/617,448	6,553,227	RR2561
16-Nov-98	US	09/192,764	6,091,953	RR2561
19-Nov-99	US	09/443,848	6,449,474	RR2564
28-Jul-99	US	09/362,790	6,567,665	RR2603
2-Jun-99	US	09/324,322	6,430,698	RR2630
4-Dec-98	CA	2,278,745	#EMPTY	SN0178
5-Dec-97	US	08/987,142	6,026,375	SN0178
26-Mar-99	US	09/280,152	6,888,803	SN0197
12-Jun-98	US	09/096,192	6,185,424	SR0112
13-Dec-95	CA	2,207,550	2,207,550	SR0112
13-Dec-95	CN	95196891.2	ZL95196891.2	SR0112
27-May-98	HK	98104582.9	HK1005408A	SR0112
13-Dec-95	JP	8-519380	3638609	SR0112
13-Dec-95	MX	974512	212368	SR0112
19-Dec-94	US	08/358,949	5,768,308	SR0112
13-Dec-95	DE	95940103.5	695 28 847.4	SR0112
13-Dec-95	FR	95940103.5	0 799 554	SR0112
13-Dec-95	GB	95940103.5	0 799 554	SR0112
13-Dec-95	SE	95940103.5	0 799 554	SR0112
13-Dec-95	CA	2,732,583	#EMPTY	SR0112

- (ii) all divisionals, continuations, continuations in part, substitutes, extensions, renewals, reissues, reexaminations, other applications and related cases (in each instance, whether pending, issued, abandoned or filed in the future) that have been or shall be filed anywhere in the world and that are based upon any of the Assigned Patents (all of the foregoing, collectively, "**Related Cases**");
- (iii) any inventions and improvements claimed or disclosed in any of the Assigned Patents or Related Cases, and any and all letters patent, certificates of invention, design registrations and utility models which may be granted therefor; and
- (iv) all causes of action, enforcement rights, infringement claims and other rights (including all rights to pursue damages, injunctive relief and other remedies for past, present and future infringement) based upon, arising out of or relating to any of the Assigned Patents or Related Cases.

Pursuant to the foregoing confirmation and assignment, each of the Assigned Patent Assets shall hereafter be for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Agreement had not been made. The confirmation and assignment pursuant to this Section 1 includes, without limitation (A) the right, if any, to register or apply in all countries and regions in the Assignee's name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; (B) the right to apply for, prosecute, maintain and defend the Assigned Patent Assets (including the right to continue any such action underway and to revive any such action previously abandoned) before any public or private agency, office or registrar including by filing reissues, reexaminations, divisions, continuations, continuations-in-part, substitutes, extensions and all other applications included in the Assigned Patent Assets; (C) the right, if any, to claim priority based on the filing dates of any of the Assigned Patents or Related Cases under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, and all other treaties of like purposes; and (D) the right to sue and recover damages or other compensation for past, present or future infringements thereof, the right to sue and obtain equitable relief, including injunctive relief, in respect of such infringements, and the right to fully and entirely stand in the place of the Assignor in all matters related to the Assigned Patent Assets.

2. Authorization. Assignor also hereby expressly authorizes the respective patent office or governmental agency in each and every jurisdiction worldwide (including the Commissioner of Patents and Trademarks in the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign countries or multinational authorities) to do the following: (a) to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein; and (b) to record Assignee as the assignee and owner of the Assigned Patents and to deliver to Assignee, and to Assignee's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Agreement.

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3. Recordation. Assignee shall be solely responsible for all actions and all costs whatsoever, including but not limited to taxes, attorneys' fees and patent office fees in any jurisdiction, associated with the perfection of Assignee's right, title, and interest in and to the Assigned Patents and recordation and/or registration of this Agreement or any other document evidencing the assignment to Assignee of the Assigned Patents.

4. Disclaimer. There are no warranties, representations or conditions, express or implied, statutory or otherwise between the Parties under this Agreement. ASSIGNEE ACKNOWLEDGES THAT THE ASSIGNED PATENTS ARE CONVEYED WITHOUT ANY REPRESENTATION, WARRANTY OR GUARANTY, INCLUDING WITHOUT LIMITATION AS TO THE CONDITION OF TITLE, ENFORCEABILITY, SUITABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, MERCHANTABILITY, VALIDITY, REGISTRABILITY OR ANY OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED OR BY OPERATION OF LAW, BY ANY PERSON, INCLUDING WITHOUT LIMITATION BY ASSIGNOR, OR ANY OF ITS OFFICERS, DIRECTORS, EMPLOYEES, ACCOUNTANTS, FINANCIAL, LEGAL OR OTHER REPRESENTATIVES OR ANY AFFILIATE OF SUCH PERSON.

5. Governing Law. This Agreement shall be governed by the laws of the State of Delaware. Each of the parties hereto hereby irrevocably agrees that any legal suit, action or proceeding arising out of or based upon this Agreement shall be brought exclusively in the state or federal courts located in the Southern District of New York and waives, any objection may now or hereafter have to the laying of venue of any such proceeding, and irrevocably submits to the exclusive jurisdiction of any such court in any such suit, action or proceeding.

6. General Provisions. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or electronic mail shall be as effective as delivery of a manually executed counterpart of this Agreement. This Agreement may not be supplemented, altered, or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Agreement shall not waive any of its rights under such terms or provisions. This Agreement is binding upon and inures to the benefit of the parties hereto and their respective successors and assigns.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, Assignor and Assignee have caused this instrument to be executed by their respective duly authorized representative as of the date of this Agreement.

2256355 ONTARIO LIMITED

By

Name:

Title:

Roger Willeveen
Roger Willeveen
Director

Executed on March 28 2012

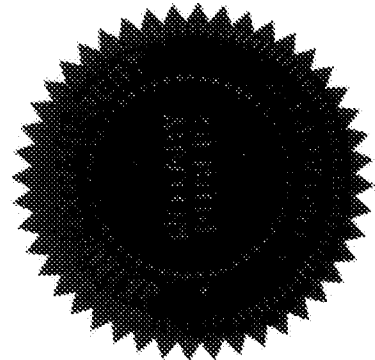
PROVINCE OF Ontario

REGIONAL MUNICIPALITY OF Waterloo ss.:

On the 28th day of March 2012, before me, the undersigned, a notary public in and for said province and municipality, personally appeared Roger Willeveen, personally known to me (or proved to me on the basis of satisfactory evidence), to be the individual who executed the foregoing instrument on behalf of 2256355 Ontario Limited as the Director of such company, executed such instrument in such capacity, and acknowledged to me that the execution and delivery of said instrument was duly authorized by said company.

Jamie-Lyn Hubert
Notary Public
(Affix Seal Below)

Jamie-Lyn Hubert, Notary Public, Regional Municipality of Waterloo, limited to the attestation of instruments and the taking of affidavits, for Research in Motion Limited and its subsidiaries. Expires June 24, 2013.



Research In Motion Limited

By

Name:

Tim Martin

Title:

Senior Director, Treasury

Executed on March 28 2012

PROVINCE OF

Ontario

REGIONAL MUNICIPALITY OF

Waterloo

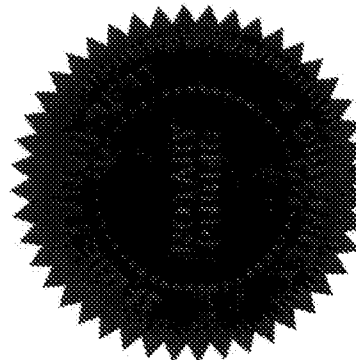
ss.:

On the 28th day of March 2012, before me, the undersigned, a notary public in and for said province and municipality, personally appeared Tim Martin, personally known to me (or proved to me on the basis of satisfactory evidence), to be the individual who executed the foregoing instrument on behalf of Research In Motion Limited as the Senior Director, Treasury of such company, executed such instrument in such capacity, and acknowledged to me that the execution and delivery of said instrument was duly authorized by said company.

Notary Public

(Affix Seal Below)

Jon J. G. Hebert, Notary Public, Regional Municipality of Waterloo, limited to the execution of instruments and the taking of affidavits for Research In Motion Limited and its subsidiaries. Expires June 24, 2013.



[Signature Page to Amended & Restated Patent Assignment]

PATENT

RECORDED: 01/11/2016

REEL: 037453 FRAME: 0248