PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------------|----------------|
| Research In Motion UK Limited | 02/08/2011 |

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: | 12820883 |

CORRESPONDENCE DATA

Fax Number: (312)580-9696

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312-580-1020

Email: fhernandez@hfzlaw.com

Correspondent Name: Hanley, Flight and Zimmerman, LLC

Address Line 1: 150 S. Wacker Dr. Address Line 2: Suite 2100

Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 37702-US-PAT

NAME OF SUBMITTER: Felipe Hernandez

Total Attachments: 6

source=Inter-Corp Assignment_RIM UK_2011-02-08#page1.tif

source=Inter-Corp Assignment_RIM UK_2011-02-08#page2.tif

source=Inter-Corp Assignment_RIM UK_2011-02-08#page3.tif

source=Inter-Corp Assignment_RIM UK_2011-02-08#page4.tif

source=Inter-Corp Assignment_RIM UK_2011-02-08#page5.tif

source=Inter-Corp Assignment_RIM UK_2011-02-08#page6.tif

PATENT REEL: 026187 FRAME: 0040 OF \$40.00 12820883

CONFIRMATION AND ASSIGNMENT

WHEREAS RESEARCH IN MOTION LIMITED, a corporation organized under the laws of the Province of ONTARIO, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, N2L 3W8, Canada, (the "ASSIGNEE") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Inventions"); and

WHEREAS RESEARCH IN MOTION UK LIMITED, a corporation organized under the laws of England and Wales, having a place of business at Centrum House, 36 Station Road, Egham, Surrey, TW20 9LF, United Kingdom, (the "ASSIGNOR") and ASSIGNEE are parties to a Selling, General, Administration And Other Services Agreement effective October 23, 2005 (the "SG&A Agreement"), where said SG&A Agreement provides that ASSIGNEE shall be the owner of all developments, modifications, improvements, adaptations of and derivative works, related to the Inventions, whether created by ASSIGNEE or ASSIGNOR or on their behalf ("Developments"); and

WHEREAS ASSIGNOR agrees that it has received full market consideration under the SG&A Agreement; and

WHEREAS ASSIGNOR wishes to confirm that ASSIGNEE is the owner of all rights, title and interest of the ASSIGNOR in and to certain of the Developments ("Creations"), described in documents, descriptions and/or drawings ("Creation Documents"), and/or described in applications for patents, design registrations, utility model registrations and other forms of protection ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary rights relating thereto, as listed in "Schedule A" attached hereto.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, intending to be legally bound, agree as follows:

ASSIGNOR hereby confirms that it has transferred, conveyed and assigned, and by way of further assurance, to the extent that the transfer, conveyance or assignment has not already been fully effected, ASSIGNOR hereby transfers, conveys and assigns, any and all of its rights, title and interest in and to: the Creations; the Creation Documents; Applications; any further applications for patents, designs, utility models or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Creations in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Creations and Creation Documents; and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions,

V5.0

PATENT

whether such acts are committed before or after the date of this assignment; with the intent that the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR hereby agrees, upon request, to provide assistance and to execute any and all further documents which may be necessary or desirable to enable ASSIGNEE or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR further agrees to execute, upon request, any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR hereby authorizes and requests The Commissioner of Patents, or any equivalent authority, to issue to ASSIGNEE each and every patent, registration and other forms of protection, right and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns and shall be binding upon ASSIGNOR and its successors and permitted assigns.

IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

V5.0

| below l | by the undersigned: |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date: | Research In Motion UK Limited By: Name: Gary Beck Title: Authorized Signing Officer |
| | |
| | STATEMENT BY WITNESS |
| Ι, | Breanne Woodrow whose full Post Office Address is |
| 3000 | University Aul-E, Waterloo, ON, NOK OAT (Address of Witness) |
| | declare that I was personally present and did see the above named person, ally known to me to be the person named in the assignment, duly sign and execute ne. |
| Date: | 02/08/11 Brearne Woodnow (Signature of Witness) |

Legal OK JLHOS per TC : PAT

FIM OK

- 3/4 -

PATENT 01/26REEL: 026187 FRAME: 0043

IN WITNESS WHEREOF, this Confirmation And Assignment has been executed below by the undersigned:

Research In Motion Limited

| : 02/08/11 | /-fleat |
|------------|---------|
| | |

By:

Name: Tim Martin

Title: Authorized Signing Officer

STATEMENT BY WITNESS

| I, | Rag | shel | Bell | | whose full Post | Office Address is | |
|----|------|------|---------|--------------|-----------------|-------------------|---|
| | | | | | • • | | |
| | 2200 | Univ | iersity | Ave. E | , Water 100 | ON, N2K OF | 7 |
| | | | (4 | Address of W | Vitness) | | |

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: 02/08/1\ (Signature of Witness)

Legal OK

V5.0

- 4/4 -

OPSTENT.

MIM OK

01/2 PREEL: 026187 FRAME: 004

SCHEDULE "A" to Confirmation and Assignment

| | | L. | | | | | | | | | | | | | | |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PRV 34549-WO-PCT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PRV 34549-WO-PCT 34744-US-PAT 34870-US-PAT 34870-US-PAT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-WO-PCT 34744-US-PAT 34770-US-PAT 34870-US-PRV 34870-US-PRV 34870-US-PRV 34870-US-PRV | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PRV 34549-WO-PCT 34744-US-PAT 34870-US-PAT 34870-US-PRV 34870-US-PRV 34870-US-PRV 34870-WO-PCT 34924-3-WO-PCT 34924-3-WO-PCT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-WO-PCT 34744-WO-PCT 34770-US-PAT 34870-US-PRV 34870-US-PRV 34870-US-PRV 34870-US-PRV 34824-3-US-PAT 34924-3-US-PAT 35053-US-PAT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-WO-PCT 34744-US-PAT 3470-US-PAT 34870-US-PRV 34870-US-PRV 34870-US-PRV 34870-US-PRV 34924-3-US-PAT 34924-3-US-PAT 35053-WO-PCT 35053-WO-PCT 35053-US-PAT 35053-WO-PCT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PRV 34549-WO-PCT 34744-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-WO-PCT 34924-3-WO-PCT 35053-US-PAT 35053-US-PAT 35053-US-PAT 35053-US-PRV | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PAT 34549-WO-PCT 34744-WO-PCT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 34924-3-WO-PCT 35053-US-PAT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PRV 34549-WO-PCT 34744-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 34924-3-WO-PCT 34924-3-US-PAT 35053-US-PAT 35053-US-PAT 35053-US-PAT 35053-US-PAT 35078-1-US-PAT 35078-1-US-PAT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-WO-PCT 34744-US-PAT 3470-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-WO-PCT 35053-US-PAT 35053-US-PAT 35053-US-PAT 35078-1-US-PAT 35078-1-US-PAT 35078-1-US-PAT 35530-1-EP-PAT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PRV 34549-WO-PCT 34744-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 35053-US-PAT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-US-PAT 35078-1-US-PAT 35078-1-US-PAT 35078-1-US-PAT 35078-1-US-PAT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PAT 34549-WO-PCT 34744-WO-PCT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 34924-3-WO-PCT 35053-US-PAT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-US-PAT 35078-1-US-PAT 35530-1-EP-EPA 35530-1-B-PAT 35530-1-B-PAT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-WO-PCT 34549-WO-PCT 34744-WO-PCT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-WO-PC 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-US-PAT 35078-1-US-PAT 35078-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC | 34240-US-PRV 34240-US-PRV 34549-US-PAT 34549-US-PAT 34549-WO-PCT 34744-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 35053-WO-PCT 35053-WO-PCT 35078-1-US-PAT 35530-1-US-PAT 35530-1-US-PAT 35530-1-US-PAT 35530-1-US-PAT 35530-1-US-PAT 35530-1-US-PAT 35530-1-US-PAT | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PAT 34549-WO-PCT 34744-WO-PCT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35053-WO-PCT 35078-1-US-PAT 35078-1-US-PAT 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC | 34240-US-PRV 34240-WO-PCT 34549-US-PAT 34549-US-PAT 34549-WO-PCT 34744-WO-PCT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 34924-3-WO-PCT 35053-US-PAT 35078-1-US-PAT 35078-1-US-PAT 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-WO-PC 35530-1-DS-PAT 35530-2-EPA 35530-2-EPA 35530-2-WO-PC 35530-2-PAT | 34240-US-PRV 34240-US-PRV 34240-US-PAT 34549-US-PAT 34549-US-PAT 34549-US-PAT 34549-US-PAT 34549-US-PAT 34744-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34870-US-PAT 34924-3-US-PAT 35053-US-PAT 35053-US-PAT 35078-1-US-PAT 35078-1-US-PAT 35530-1-EP-EPA 35530-1-EP-EPA 35530-1-US-PAT 35530-2-US-PAT 35530-2-US-PAT 35530-3-US-PAT 35530-3-US-PAT 35530-3-US-PAT |
| 34549-U 34549-U 34549-U 34549-U | 34240-W 34549-U 34549-U 34744-U 34744-U 34870-U | 34240-W 34549-U 34549-U 34744-U 34870-U 34870-U 34870-U 34870-U | 34240-W 34549-U 34549-U 34744-U 34744-W 34870-U 34870-U 34870-W 34870-W 34924-3 34924-3 | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-W 34870-W 34870-W 34870-W 34924-3 35053-U | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-U 34870-W 34870-W 34870-W 34924-3 34924-3 35053-U 35053-U 35053-U | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-U 34870-W 34924-3 34924-3 35053-U 35053-U 35053-W | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-U 34824-3 34924-3 34924-3 35053-U 35053-U 35053-U 35078-1 | 34240-W 34549-U 34549-U 34544-W 34744-W 34870-U 34870-W 34924-3 35053-U 35053-U 35053-U 35078-1 35078-1 | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-W 34870-W 34924-3 34924-3 35053-U 35053-U 35078-1 35078-1 | 34240-W 34549-U 34549-U 34744-U 34744-W 34870-U 34870-U 34924-3 34924-3 35053-U 35053-U 35078-1 35078-1 35078-1 35078-1 35078-1 | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-U 34924-3 34924-3 35053-U 35053-U 35078-1 35530-1 35530-1 35530-1 | 34240-W 34549-U 34549-U 34544-W 34744-W 34870-U 34870-W 34924-3 35053-U 35053-U 35053-U 35078-1 35530-1 35530-1 35530-1 | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-U 34870-W 34924-3 35053-U 35053-U 35053-U 35530-1 35530-1 35530-2 35530-2 35530-2 | 34240-W 34549-U 34549-U 34744-W 34770-U 34870-U 34870-W 34924-3 34924-3 35053-U 35053-U 35078-1 35078-1 35530-1 35530-1 35530-2 35530-2 35530-2 35530-2 | 34240-W 34549-U 34549-U 34744-W 34870-U 34870-U 34824-3 34924-3 35053-U 35053-U 35078-1 35530-1 35530-1 35530-2 35530-2 35530-2 35530-3 | 34240-W 34549-U 34549-U 34549-W 34744-W 34870-U 34870-U 34870-U 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34870-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970-W 34970- |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Aug 12 2010 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2009 | 12 2010 18 2009 12 2010 02 2010 02 2010 17 2009 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2010 Apr 17 2009 Apr 16 2010 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2010 Feb 02 2010 Apr 17 2009 Apr 17 2009 Apr 17 2009 Apr 17 2009 | Aug 12 2010 Nov 18 2009 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2010 Apr 17 2009 Apr 17 2009 Apr 16 2010 Apr 16 2010 Apr 16 2010 Apr 16 2010 | Aug 12 2010 Nov 18 2009 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2010 Apr 17 2009 Apr 17 2009 Apr 16 2010 Apr 16 2010 Apr 16 2010 Apr 20 2010 Apr 20 2010 Apr 21 2009 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2009 Feb 02 2009 Apr 17 2009 Apr 17 2009 Apr 16 2010 Apr 16 2010 Apr 20 2010 Apr 20 2010 Apr 21 2009 | 12 2010 18 2009 12 2010 02 2010 02 2010 17 2009 17 2009 17 2009 16 2010 20 2010 21 2009 21 2010 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2010 Apr 17 2009 Apr 17 2009 Apr 16 2010 Apr 16 2010 Apr 17 2009 Apr 16 2010 Apr 20 2010 Apr 21 2009 Nov 09 2009 Nay 04 2009 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2010 Apr 17 2009 Apr 17 2009 Apr 16 2010 Apr 20 2010 | 12 2010 18 2009 12 2010 02 2010 02 2010 17 2009 17 2009 17 2009 16 2010 20 2010 21 2009 21 2009 09 2009 04 2010 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2009 Feb 02 2010 Apr 17 2009 Apr 17 2009 Apr 16 2010 Apr 20 2010 Apr 21 2009 Apr 21 2009 May 04 2010 Nov 09 2009 May 04 2010 Nov 09 2009 May 04 2010 Nov 09 2009 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Feb 02 2010 Feb 02 2010 Apr 17 2009 Apr 17 2009 Apr 17 2009 Apr 17 2009 Apr 21 2010 Apr 21 2010 Nov 09 2009 May 04 2010 Nov 09 2009 May 04 2010 Nov 09 2009 May 04 2010 Nov 09 2009 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Teb 02 2010 Teb 02 2010 Apr 17 2009 Apr 17 2009 Apr 17 2009 Apr 16 2010 Apr 20 2010 Apr 21 2009 Apr 21 2009 May 04 2009 May 04 2009 May 04 2009 May 04 2010 | Aug 12 2010 Nov 18 2009 Nov 18 2009 Sov 12 2010 Sov 12 2010 Sov 12 2010 Sov 17 2009 Sov 1 | Aug 12 2010 Nov 18 2009 Nov 12 2010 Teb 02 2010 Teb 02 2010 Apr 17 2009 Apr 17 2009 Apr 17 2009 Apr 20 2010 Apr 20 2010 Apr 21 2009 May 04 2010 Nov 09 2009 May 04 2010 |
| 71 Bnv | Nov 18 Nov 12 Feb 02 | Nov 18 Nov 12 Feb 02 Feb 02 Feb 02 Apr 17. | Nov 18 Nov 12 Nov 12 Feb 02 Feb 02 Feb 02 Apr 17 Apr 17 Apr 16 | Nov 18 Nov 12 Nov 12 Feb 02 Feb 02 Apr 17 Apr 17 Apr 17 Apr 16 | Apr 16 Apr 17 Apr 17 Apr 16 | Apr 167 Apr 177 Apr 177 Apr 177 Apr 177 Apr 167 Apr 167 Apr 167 Apr 167 Apr 167 Apr 167 | Apr 16 Apr 17 Apr 17 Apr 17 Apr 17 Apr 16 Apr 16 Apr 16 Apr 20 Apr 21 | Apr 17 Apr 17 Apr 17 Apr 17 Apr 17 Apr 16 Apr 20 Apr 21 | Apr 17 Apr 17 Apr 17 Apr 17 Apr 17 Apr 17 Apr 20 Apr 21 Apr 21 Apr 21 Apr 20 Apr 21 Apr 20 | Apr 16 | Apr 17 Apr 16 Apr 17 Apr 21 Apr 21 Apr 21 Apr 21 Apr 21 Apr 21 Nov 09 Nov 09 Nov 09 Nov 09 | Apr 177 Apr 177 Apr 177 Apr 177 Apr 177 Apr 21 Apr 21 Apr 21 Apr 21 Apr 21 Apr 22 May 04 May 04 May 04 May 04 May 04 May 04 | Apr 17 Apr 17 Apr 17 Apr 17 Apr 17 Apr 17 Apr 20 Apr 21 Ap | Apr 177 Apr 177 Apr 177 Apr 177 Apr 177 Apr 217 Apr 209 May 04 May 04 May 04 May 04 May 04 | Apr 177 Apr 177 Apr 177 Apr 177 Apr 177 Apr 177 Apr 21 Apr 21 Apr 21 Nov 09 May 04 May 04 May 04 May 04 May 04 May 04 | Apr 177 Apr 177 Apr 177 Apr 177 Apr 177 Apr 21 Apr 21 Apr 21 Apr 21 May 04 |
| | | | | | | | | | | | | | | | | |
| | | 4 | 9 | 9 | 6 4 4 133 | δ δ δ | 66 4 4 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 3 6 4 | 9 8 8 | 13 13 13 | 3 6 4 | 3 8 9 15 | 13 (6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 11 0 13 | 22 | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |
| | /002896 | /002896 0/022914 | /002896 0/022914 9/041026 | /002896 0/022914 9/041026 | 0/022896 0/022914 9/041026 0/031493 | /002896 0/022914 9/041026 0/031493 | 0/002896 0/022914 9/041026 0/031493 0/000810 | 0/002896 0/022914 9/041026 0/031493 0/000810 | /002896 0/022914 9/041026 0/031493 0/000810 | 0/002896 0/022914 9/041026 0/031493 0/000810 0/000651 | 0/002896 0/022914 9/041026 0/031493 0/000810 | 0/002896 0/022914 0/031493 0/000810 0/000651 | 0/000652 0/000652 0/000652 | 0/000652 0/000652 0/000652 | 0/000652 0/000652 0/000652 | 0/000896 0/022914 0/031493 0/000651 0/000652 0/000898 |
| 12/621401 PCT/IB2010/0028 | 12/698831 61/149060 | 12/698831 61/149060 PCT/US2010/022 12/426105 | 12/698831 61/149060 PCT/US2010/022 12/426105 PCT/US2009/041 12/762205 | 12/698831 61/149060 PCT/US2010/0 12/426105 PCT/US2009/0 12/762205 61/170527 | 12/698831 51/149060 51/149060 PCT/US2009/041 12/762205 61/170527 PCT/US2010/031 | 12/698831 61/149060 PCT/US2010/0 12/426105 PCT/US2009/0 12/762205 61/170527 PCT/US2010/0 12/763895 61/171425 | 12/698831 61/149060 PCT/US2010/022 12/426105 PCT/US2009/041 12/762205 61/170527 PCT/US2010/031 12/763895 61/171425 PCT/GB2010/000 | 12/698831 61/149060 PCT/US2010/0 12/426105 12/762205 61/170527 PCT/US2010/0 12/763895 61/171425 PCT/GB2010/0 | 12/698831 31/149060 >CT/US2010/0 12/426105 PCT/US2009/0 12/762205 31/170527 12/763895 61/171425 PCT/GB2010/0 09175406.9 | 12/698831 51/149060 51/149060 12/426105 12/426105 12/762205 51/170527 12/763895 51/171425 PCT/US2010/000 12/75406.9 12/435358 | 12/698831 51/149060 51/149060 PCT/US2010/0 12/426105 12/762205 61/170527 PCT/US2010/0 12/763895 61/171425 61/171425 72/438358 12/435358 PCT/CA2010/0 09175399.6 | 12/698831 31/149060 51/149060 12/426105 12/762205 12/762205 51/170527 PCT/US2010/0 12/763895 61/171425 61/171425 61/171425 PCT/GB2010/0 09175399.6 12/435362 | 12/698831 51/149060 51/149060 527/US2010/022 12/426105 51/1762205 51/1762205 51/1762205 51/176220 51/17425 51/17425 51/17425 51/17425 51/17425 51/17425 51/17425 51/17425 72/682010/000 09175496 12/435362 12/435362 | 598831 149060 17US2010/0 426105 17US2009/0 762205 17US2010/0 763895 171425 171425 17682010/0 75399.6 435362 17CA2010/0 773080 | 12/698831 51/149060 PCT/US2010/0 12/426105 PCT/US2009/0 12/762205 61/170520 PCT/US2010/0 12/763895 61/171425 61/171425 PCT/GB2010/0 09175406.9 12/435368 PCT/CA2010/0 09175399.6 12/435362 PCT/CA2010/0 09175399.6 12/435362 | 12/698831 31/149060 31/149060 31/149060 12/426105 12/426105 12/762205 31/170527 12/763895 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171425 31/171427 |
| PCT/IB20 12/69883 | 61/149 | 61/149 PCT/U | 61/149/ PCT/U: 12/426 PCT/U | 61/149 PCT/U: 12/426 PCT/U: 12/762 61/170 | 61/149 PCT/U: 12/426 PCT/U: 12/762 61/170 PCT/U | 61/149 PCT/U: 12/426 PCT/U 12/762 61/170 PCT/U PCT/U 61/177 | 61/149 PCT/U: 12/426 PCT/U: 61/170 PCT/U PCT/U 61/1763 PCT/U | 61/149 PCT/U: 12/426 12/762 61/170 PCT/U PCT/U 12/763 61/171 PCT/C | 61/1499 PCT/U: 12/426 PCT/U: 12/762 61/170 PCT/U PCT/U PCT/U 09175- 12/435 | 61/149 PCT/U: 12/426 PCT/U: 61/170 PCT/U PCT/U PCT/U 091754 12/435 PCT/C | 61/149 PCT/U: 12/426 61/170 PCT/U PCT/U 61/171 PCT/G 09175- 09175- | 61/149 PCT/U: 12/426 61/1702 61/1703 PCT/U PCT/U 09175- 12/435 12/435 | 61/1499 PCT/U! 12/426 61/170 61/170 PCT/U PCT/G 09175 PCT/C 09175 12/435 PCT/C | 61/1499 PCT/U: 12/426 61/170 61/170 PCT/U PCT/G 09175- 12/435 PCT/C 09175- 12/435 PCT/C | 61/149 PCT/U: 12/426 61/170 PCT/U: 61/171 PCT/G: 09175- 12/435 12/435 PCT/C: 09175- 12/435 PCT/C: 09175- 12/435 PCT/C: 09175- 12/435 PCT/C: | 61/149 PCT/UJ 12/426 61/1702 61/1703 61/171 PCT/C 091754 12/435 PCT/C 091754 12/435 PCT/C 12/435 PCT/C PCT/C PCT/C PCT/C 12/435 PCT/C |
| | | | | | | | | | | | | | | | | |
| | 1 | 1 1 | | | | | | | | | | | | | | |

Page 1 of 2

HIM OK

PATENT REEL: 026187 FRAME: 0045

| 35530-US-PAT | 35530-WO-PCT | 35569-US-PAT | 35569-US-PRV | 35569-WO-PCT | 35893-1-US-PRV | 35893-2-US-PRV | 35893-3-US-PRV | 35893-US-PAT | 35893-US-PRV | 35893-WO-PCT | 35972-TW-PAT | 35972-US-PAT | 35972-US-PRV | 35972-WO-PCT | 36020-1-US-PAT | 36020-US-PAT | 37256-2-US-PAT | 37256-2-WO-PCT | 37311-1-US-PRV | 37311-US-PRV | 37409-US-PAT | 37459-EP-EPA | 37459-US-PAT | 37702-1-US-PAT | 37702-2-US-PAT | 37702-3-US-PAT | 37702-US-PAT | 38503-US-PRV | 39574-1-US-PAT | 40409-WO-PCT |
|--------------|-------------------|--------------|--------------|-------------------|----------------|----------------|----------------|--------------|--------------|-------------------|--------------|--------------|--------------|-------------------|----------------|--------------|----------------|-------------------|----------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|--------------|--------------|----------------|-------------------|
| May 04 2009 | May 04 2010 | May 04 2010 | May 04 2009 | May 04 2010 | Jul 02 2009 | Jul 02 2009 | Jul 02 2009 | Jul 01 2010 | Jul 02 2009 | Jul 01 2010 | Nov 10 2010 | Oct 06 2010 | Dec 04 2009 | Nov 17 2010 | Feb 02 2010 | Feb 02 2010 | Oct 05 2010 | Oct 05 2010 | Feb 09 2010 | Feb 09 2010 | Jun 11 2010 | Oct 15 2010 | Oct 07 2010 | Jun 22 2010 | Jun 22 2010 | Jun 22 2010 | Jun 22 2010 | Apr 30 2010 | Aug 24 2010 | Nov 19 2010 |
| 12/435357 | PCT/CA2010/000650 | 12/773574 | 61/175352 | PCT/FP2010/002730 | 61/222977 | 61/22928 | 61/222932 | 12/828746 | 61/222925 | PCT/US2010/040740 | 099138731 | 12/898844 | 61/266874 | PCT/IB2010/002932 | 12/698956 | 12/698949 | 12/897945 | PCT/EP2010/064859 | 61/302921 | 61/302919 | 12/813954 | 10187799.1 | 12/900263 | 12/820890 | 12/820898 | 12/820907 | 12/820883 | 61/330217 | 12/862529 | DCT/ED2040/087887 |
| US | OM | | 3 | OM | | SI | SI | SI | 811 | OM | ML. | | | OM | SII | SII | S | WO | SII | | | G | | SII | SI- | <u>SI</u> | SI | SII | SI | |

NO MIR

PATENT

RECORDED: 04/27/2011 REEL: 026187 FRAME: 0046