

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3591331

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WAN SI WAN	03/23/2015
GARY IAN BUTCHER	03/23/2015
IMRAN CHAUDHRI	04/06/2015
ALAN C. DYE	03/27/2015
CRAIG M. FEDERIGHI	03/26/2015
CHRISTOPHER PATRICK FOSS	03/23/2015
JONATHAN P. IVE	03/31/2015
STEPHEN O. LEMAY	03/23/2015
KEVIN LYNCH	03/26/2015
NATALIA MARIC	04/01/2015
GREGORY NOVICK	03/26/2015
JEFF WILLIAMS	03/26/2015
CHRISTOPHER WILSON	03/25/2015
LAWRENCE Y. YANG	03/24/2015
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14822769
CORRESPONDENCE DATA	
Fax Number:	(415)268-7522
<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>	
Phone:	415-268-7000
Email:	tssternlight@mofo.com

Correspondent Name: JENNIFER E. WHITE
Address Line 1: MORRISON & FOERSTER LLP
Address Line 2: 425 MARKET STREET
Address Line 4: SAN FRANCISCO, CALIFORNIA 94105-2482

ATTORNEY DOCKET NUMBER: 106842126700 (P22825US1)

NAME OF SUBMITTER: JENNIFER E. WHITE

SIGNATURE: /Jennifer E. White/

DATE SIGNED: 10/28/2015

Total Attachments: 53

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ASSIGNMENT

This assignment is by:

1. **Wan Si WAN**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
2. **Gary Ian BUTCHER**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
3. **Imran CHAUDHRI**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
4. **Alan C. DYE**
c/o Apple Inc.
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Cupertino, California 95014
5. **Craig M. FEDERIGHI**
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12. **Jeff WILLIAMS**
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13. **Christopher WILSON**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

14. **Lawrence Y. YANG**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

This Assignment is to:

Assignee: **Apple Inc.**
Address: 1 Infinite Loop, Cupertino, California 95014
A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignor has invented certain new and useful inventions in:

**REDUCED-SIZE USER INTERFACES FOR DYNAMICALLY UPDATED APPLICATION
OVERVIEWS**

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 14/822,769 Filing Date: 08/10/2015

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 3/23/15

Signature: _____

Wan Si WAN

Date: _____

Signature: _____

Gary Ian BUTCHER

Date: _____

Signature: _____

Imran CHAUDHRI

Date: _____

Signature: _____

Alan C. DYE

Date: _____

Signature: _____

Craig M. FEDERIGHI

Date: _____

Signature: _____

Christopher Patrick FOSS

Date: _____

Signature: _____

Jonathan P. IVE

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Kevin LYNCH

Date: _____

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Natalia MARIC

Date: _____

Signature: _____
Gregory NOVICK

Date: _____

Signature: _____
Jeff WILLIAMS

Date: _____

Signature: _____
Christopher WILSON

Date: _____

Signature: _____
Lawrence Y. YANG

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Assignee: **Apple Inc.**
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A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignor has invented certain new and useful inventions in:

**REDUCED-SIZE USER INTERFACES FOR DYNAMICALLY UPDATED APPLICATION
OVERVIEWS**

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

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3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."


In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____

Signature: _____

Wan Si WAN

Date: 03/23/2015

Signature: 

Gary Ian BUTCHER

Date: _____

Signature: _____

Imran CHAUDHRI

Date: _____

Signature: _____

Alan C. DYE

Date: _____

Signature: _____

Craig M. FEDERIGHI

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c/o Apple Inc.
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Cupertino, California 95014
2. **Gary Ian BUTCHER**
c/o Apple Inc.
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14. **Lawrence Y. YANG**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

This Assignment is to:

Assignee: **Apple Inc.**
Address: 1 Infinite Loop, Cupertino, California 95014
A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignor has invented certain new and useful inventions in:

**REDUCED-SIZE USER INTERFACES FOR DYNAMICALLY UPDATED APPLICATION
OVERVIEWS**

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 14/822,769 Filing Date: 08/10/2015

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

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Date: _____ Signature: _____
Wan Si WAN

Date: _____ Signature: _____
Gary Ian BUTCHER

Date: _____ Signature: _____
Imran CHAUDHRI

Date: 3/27/15 Signature: 
Alan C. DYE

Date: _____ Signature: _____
Craig M. FEDERIGHI

Date: _____ Signature: _____
Christopher Patrick FOSS

Date: _____ Signature: _____
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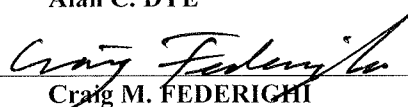
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____	Signature: _____ Wan Si WAN
Date: _____	Signature: _____ Gary Ian BUTCHER
Date: _____	Signature: _____ Imran CHAUDHRI
Date: _____	Signature: _____ Alan C. DYE
Date: <u>March 26, 2013</u>	Signature: <u></u> Craig M. FEDERIGHI
Date: _____	Signature: _____ Christopher Patrick FOSS
Date: _____	Signature: _____ Jonathan P. IVE
Date: _____	Signature: _____ Stephen O. LEMAY
Date: _____	Signature: _____ Kevin LYNCH
Date: _____	Signature: _____ Natalia MARIC

Date: _____

Signature: _____
Gregory NOVICK

Date: _____

Signature: _____
Jeff WILLIAMS

Date: _____

Signature: _____
Christopher WILSON

Date: _____

Signature: _____
Lawrence Y. YANG

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Filing Date: 08/10/2015

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Date: _____ Signature: _____
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Date: _____ Signature: _____
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Date: _____ Signature: _____
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Craig M. FEDERIGHI

Date: 3-23-15 Signature: _____
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Date: _____	Signature: _____ Natalia MARIC

ASSIGNMENT

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c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

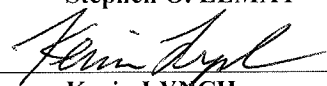
2. Assignor represents, warrants and covenants that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____	Signature: _____ Wan Si WAN
Date: _____	Signature: _____ Gary Ian BUTCHER
Date: _____	Signature: _____ Imran CHAUDHRI
Date: _____	Signature: _____ Alan C. DYE
Date: _____	Signature: _____ Craig M. FEDERIGHI
Date: _____	Signature: _____ Christopher Patrick FOSS
Date: _____	Signature: _____ Jonathan P. IVE
Date: _____	Signature: _____ Stephen O. LEMAY
Date: <u>3/26/15</u>	Signature:  Kevin LYNCH
Date: _____	Signature: _____ Natalia MARIC

Date: _____

Signature: _____
Gregory NOVICK

Date: _____

Signature: _____
Jeff WILLIAMS

Date: _____

Signature: _____
Christopher WILSON

Date: _____

Signature: _____
Lawrence Y. YANG

ASSIGNMENT

This assignment is by:

1. **Wan Si WAN**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
2. **Gary Ian BUTCHER**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
3. **Imran CHAUDHRI**
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A corporation duly organized under and pursuant to the laws of: California

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Date: _____	Signature: _____ Stephen O. LEMAY
Date: _____	Signature: _____ Kevin LYNCH
Date: <u>4/1/11</u>	Signature: _____ Natalia MARIC

Date: _____

Signature: _____
Gregory NOVICK

Date: _____

Signature: _____
Jeff WILLIAMS

Date: _____

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Christopher WILSON

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Signature: _____
Lawrence Y. YANG

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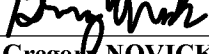
Date: _____ Signature: _____
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Date: _____ Signature: _____
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Date: _____ Signature: _____
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Natalia MARIC

Date: 3/26/15

Signature: 
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Christopher WILSON

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Signature: _____
Lawrence Y. YANG

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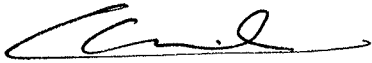
Date: _____

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^{cw}
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9. **Kevin LYNCH**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
10. **Natalia MARIC**
c/o Apple Inc.
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11. **Gregory NOVICK**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

12. **Jeff WILLIAMS**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

13. **Christopher WILSON**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

14. **Lawrence Y. YANG**
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

This Assignment is to:

Assignee: **Apple Inc.**
Address: 1 Infinite Loop, Cupertino, California 95014
A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignor has invented certain new and useful inventions in:

**REDUCED-SIZE USER INTERFACES FOR DYNAMICALLY UPDATED APPLICATION
OVERVIEWS**

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 14/822,769 Filing Date: 08/10/2015

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Assignor shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignor hereby authorizes and requests the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____ Signature: _____
Wan Si WAN

Date: _____ Signature: _____
Gary Ian BUTCHER

Date: _____ Signature: _____
Imran CHAUDHRI

Date: _____ Signature: _____
Alan C. DYE

Date: _____ Signature: _____
Craig M. FEDERIGHI

Date: _____ Signature: _____
Christopher Patrick FOSS

Date: _____ Signature: _____
Jonathan P. IVE

Date: _____ Signature: _____
Stephen O. LEMAY

Date: _____ Signature: _____
Kevin LYNCH

Date: _____ Signature: _____
Natalia MARIC

Date: _____

Signature: _____
Gregory NOVICK

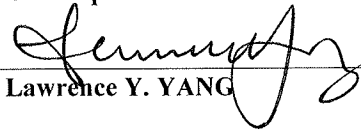
Date: _____

Signature: _____
Jeff WILLIAMS

Date: _____

Signature: _____
Christopher WILSON

Date: 3/24/2015

Signature: 
Lawrence Y. YANG