

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4191903

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY IAN BUTCHER	07/12/2016
IMRAN CHAUDHRI	07/12/2016
JONATHAN R. DASCOLA	07/11/2016
ALAN C. DYE	07/12/2016
CHRISTOPHER PATRICK FOSS	07/12/2016
DANIEL C. GROSS	07/08/2016
CHANAKA G. KARUNAMUNI	07/08/2016
STEPHEN O. LEMAY	07/11/2016
NATALIA MARIC	07/11/2016
CHRISTOPHER WILSON	07/11/2016
LAWRENCE Y. YANG	12/11/2016

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:	15033551

CORRESPONDENCE DATA**Fax Number:**

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.

Phone: 3035922276

Email: sberry@mofo.com

Correspondent Name: PARKER KUHL

Address Line 1: MORRISON & FOERSTER LLP

Address Line 2: 370 17TH STREET, SUITE 4200

Address Line 4: DENVER, COLORADO 80202

PATENT

ATTORNEY DOCKET NUMBER:	770002002700 (P21454US1)
NAME OF SUBMITTER:	PARKER KUHL
SIGNATURE:	/Parker Kuhl/
DATE SIGNED:	12/19/2016

Total Attachments: 13

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ASSIGNMENT

This assignment is by:

1. Gary Ian BUTCHER
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
2. Imran CHAUDHRI
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
3. Jonathan R. DASCOLA
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
4. Alan C. DYE
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
5. Christopher Patrick FOSS
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
6. Daniel C. GROSS
1030 Franklin Street, 306
San Francisco, California 94109
7. Chanaka G. KARUNAMUNI
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
8. Stephen O. LEMAY
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
9. Natalia MARIC
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014
10. Christopher WILSON
c/o Apple Inc.
1 Infinite Loop
Cupertino, California 95014

11. Lawrence Y. YANG
816 Haight Street
San Francisco, California

(referred to in this Assignment as "Assignors"), whose residence or mailing address information is listed above.

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"), which desires to acquire the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

Assignors have invented certain new and useful inventions in:

DISPLAYING RELEVANT USER INTERFACE OBJECTS

for which the following application has been filed in the United States of America.

Serial No.: 15/033,551

Filing Date: April 29, 2016

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

1. Assignors hereby sell, assign, transfer and set 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, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all 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 damages 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 Assignors, had this sale and assignment not been made.
2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said application for letters patent, and the same were unencumbered and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.
3. Assignors 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) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patent 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: 07/12/2016

Signature: 
Gary Ian BUTCHER

Date: _____

Signature: _____
Imran CHAUDHRI

Date: _____

Signature: _____
Jonathan R. DASCOLA

Date: _____

Signature: _____
Alan C. DYE

Date: _____

Signature: _____
Christopher Patrick FOSS

Date: _____

Signature: _____
Daniel C. Gross

Date: _____

Signature: _____
Chanaka G. KARUNAMUNI

Date: _____

Signature: _____
Stephen O. LEMAY

Date: _____

Signature: _____
Natalia MARIC

Date: _____

Signature: _____
Christopher WILSON

Date: _____

Signature: _____
Lawrence Y. YANG

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

Date: _____

Signature: _____

Date: 2/12/16

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Date: _____

Signature: _____

Gary Ian BUTCHER

Imran CHAUDHRI

Jonathan R. DASCOLA

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Date: _____

Signature: _____
Gary Ian BUTCHER

Date: _____

Signature: _____
Imran CHAUDHRI

Date: 7.11.14

Signature: 
Jonathan R. DASCOLA

Date: _____

Signature: _____
Alan C. DYE

Date: _____

Signature: _____
Christopher Patrick FOSS

Date: _____

Signature: _____
Daniel C. Gross

Date: _____

Signature: _____
Chanaka G. KARUNAMUNI

Date: _____

Signature: _____
Stephen O. LEMAY

Date: _____

Signature: _____
Natalia MARIC

Date: _____

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Christopher WILSON

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Lawrence Y. YANG

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Date: _____

Signature: _____
Gary Ian BUTCHER

Date: _____

Signature: _____
Imran CHAUDHRI

Date: _____

Signature: _____
Jonathan R. DASCOLA

Date: 7/12/06

Signature: _____
Alan C. DYE

Date: _____

Signature: _____
Christopher Patrick FOSS

Date: _____

Signature: _____
Daniel C. Gross

Date: _____

Signature: _____
Chanaka G. KARUNAMUNI

Date: _____

Signature: _____
Stephen O. LEMAY

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Christopher WILSON

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Date: _____	Signature: _____ Alan C. DYE
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Date: _____	Signature: _____ Daniel C. Gross
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Date: _____	Signature: _____ Imran CHAUDHRI
Date: _____	Signature: _____ Jonathan R. DASCOLA
Date: _____	Signature: _____ Alan C. DYE
Date: _____	Signature: _____ Christopher Patrick FOSS
Date: July 8th 2016	Signature:  Daniel C. Gross
Date: _____	Signature: _____ Chanaka G. KARUNAMUNI
Date: _____	Signature: _____ Stephen O. LEMAY
Date: _____	Signature: _____ Natalia MARIC
Date: _____	Signature: _____ Christopher WILSON
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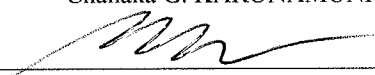
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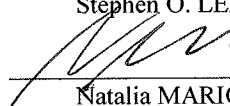
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Date: _____	Signature: _____ Daniel C. Gross
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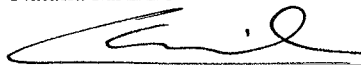
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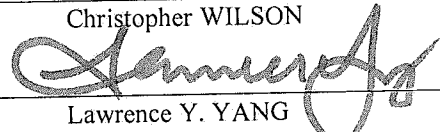
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Date: _____	Signature: _____ Stephen O. LEMAY
Date: _____	Signature: _____ Natalia MARIC
Date: _____	Signature: _____ Christopher WILSON
Date: <u>12/11/2016</u>	Signature:  Lawrence Y. YANG