504339673 04/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4386361

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRITT S. MIURA	02/01/2017
SIMON BOVET	01/16/2017
GARY IAN BUTCHER	02/01/2017
ERIC CIRCLAEYS	01/29/2017
ALAN C. DYE	02/06/2017
DANIEL E. GOBERA RUBALCAVA	01/18/2017
CYRUS DANIEL IRANI	01/31/2017
STEPHEN O. LEMAY	02/02/2017
BRENDAN J. LANGOULANT	04/03/2017
PAULO MICHAELO LOPEZ	02/18/2017
HENRIQUE PENHA	03/03/2017
JUSTIN S. TITI	01/27/2017
CHRISTOPHER WILSON	02/01/2017

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:	15275294

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: (415) 268-6850

Email: madams@mofo.com

Correspondent Name: BRYAN M. CANDELARIO

Address Line 1: MORRISON & FOERSTER LLP

PATENT

504339673 REEL: 042154 FRAME: 0941

	425 MARKET ST. SAN FRANCISCO, CALIFORNIA 94105	
ATTORNEY DOCKET NUMBER:	770002002400 (P31183US1)	
NAME OF SUBMITTER:	BRYAN M. CANDELARIO	
SIGNATURE:	/Bryan M. Candelario/	
DATE SIGNED:	04/26/2017	

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Total Attachments: 15

PATENT REEL: 042154 FRAME: 0942

ASSIGNMENT

This assignment is by:

Britt S. MIURA
 c/o Apple Inc.
 Infinite Loop
 Cupertino, California 95014

Simon BOVET
 c/o Apple Inc.
 Infinite Loop
 Cupertino, California 95014

3. Gary Ian BUTCHERc/o Apple Inc.1 Infinite LoopCupertino, California 95014

4. Eric CIRCLAEYSc/o Apple Inc.1 Infinite LoopCupertino, California 95014

5. Alan C. DYEc/o Apple Inc.1 Infinite LoopCupertino, California 95014

 Daniel E. GOBERA RUBALCAVA c/o Apple Inc.
 Infinite Loop Cupertino, California 95014

7. Cyrus Daniel IRANIc/o Apple Inc.1 Infinite LoopCupertino, California 95014

 Stephen O. LEMAY c/o Apple Inc.
 Infinite Loop Cupertino, California 95014

 Brendan J. LANGOULANT c/o Apple Inc.
 Infinite Loop Cupertino, California 95014

Paulo Michaelo LOPEZ
 21570 Madrone Drive
 Los Gatos, CA 95033

11. Henrique PENHA229 Brannan Street, Unit 12GSan Francisco, California 94107

12. Justin S. TITIc/o Apple Inc.1 Infinite LoopCupertino, California 95014

13. Christopher WILSONc/o Apple Inc.1 Infinite LoopCupertino, California 95014

(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 juristic entity 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:

USER INTERFACES FOR RETRIEVING CONTEXTUALLY RELEVANT MEDIA CONTENT

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

Serial No.: 15/275,294 Filing Date: September 23, 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 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).

ASSIGNOR(s):			
Date: 2/1/14	Signature:	Britt S. Miura	
Date:	Signature:	Simon Bovet	
Date:		Gary Ian BUTCHER	
Date:		Eric Circlaeys	
Date:		Alan C. DYE	
Date:		Daniel E. Gobera Rubalcava	
Date:	Signature:	Cyrus Daniel Irani	
Date:		Stephen O. Lemay	
Date:	Signature:		
		Brendan J. Langoulant	

Attorney Docket No.: 770000000400 Clical Reference No.: P311831/81

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

ANRINDRIST			
Date:	Signature:	Britt S. Misra	
Date: <u>Tre 16, 2-21 }</u>	Signature:	Simon Bovet	
Dete	Signature	Gury fan SUTCHER	
Date:	Signature	Eric Circlaeys	
Date	Signature	Alan C DYI	
Due	Signature	Daniel E. Cohers Rabalcava	
Due	Sensore	Cyrus Denici Irani	
Date	Signature	Suppositi Lemis	
Date	Square	Hereign Councillates	

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ASSIGNOR(s):		
Date:	Signature:	Britt S. Miura
Date:	Signature:	Simon Bovet
Date: 02/01/2017	Signature:	Gary Ian BUTCHER
Date:	Signature:	Eric Circlaeys
Date:	Signature:	Alan C. DYE
Date:	Signature:	Daniel E. Gobera Rubalcava
Date:	Signature:	Cyrus Daniel Irani
Date:	Signature:	Stephen O. Lemay
Date:	Signature:	Brendan J. Langoulant

Appropriate No. 7784 200 400 Chief Reference No. P118 8151

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- Assessment because and request the Commissioner of Palents in the United States to issue the above mentioned letters parent of the United States to Assignee as the assignee of said inventions and the letters patent to be bound there as the diesate use of Assignee, as ascessory legal representatives and assigns.
- I begin a groupers all of Morrison A Foerster LLP, the power to pisen on this assignment my further identification which may be necessary or describe in order to comply with the rules of the United States Patent and I trademark of the for recordation of this document including the power to insert on this assignment the application unabservable that date of said application when known."

In winness whereby, executed by the undersigned on the duters) apposite the undersigned name(s).

Date	Signature	Britt S. Miura
The second second	Signature	Simon Bovet
Date	Signature	Gare Into BUTC 989/
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Date: 26/17	Signature: Alan C. DVE
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Date:	Signature:Stephen O. Lemay
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Date:	Signature:	Simon Bovet
D :		
Date:	Signature:	Gary Ian BUTCHER
Date:		
	<i></i>	Eric Circlaeys
Date:	Signature:	Alan C. DYE
14.4/000		Alan C. DYE
Date:/_[8/20 7	Signature:	Daniel E. Gobera Rubalcava
Date:		
Date.	Signature.	Cyrus Daniel Irani
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		Stephen O. Lemay
Date:	Signature:	Duradea I I consider
		Brendan J. Langoulant

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- LESSON TOWN TO REAL PROPERTY.	
Date:	Signature: Britt S. Miura
Date:	Signature:Simon Bovet
Date:	Signature:
Date:	
	Signature:Eric Circlaeys
Date:	Signature:Alan C, DYE
Date:	Signature:
Date: 1/31/12	Signature:
Date:	Signature:Stephen O. Lemay
Date:	Signature: Brendan J. Langoulant
	Brendan J. Langoulant

3

ASSIGNOREST

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	Eric Circlaeys
Date:	Signature:
	Alan C. DYE
Date:	Signature:
	Daniel E. Gobera Rubalcava
Date:	Signature:
ř.	Cyrus-Daniel Irani
Date: $\frac{2}{2}/\frac{17}{1}$	Signature: 222
(()	Stephen O. Lemay
Date:	Signature:
	Brendan J. Langoulant

3

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	Gary Jan BUTCHER
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Date:	Signature: Daniel E. Gobera Rubalcava
Date:	Signature:Cyrus Daniel Irani
Diale;	Signature:
Date: Apr 3 2017	Signature: Stephen O. Lemay Signature: Brendan J. Vangoulant

Date: Leb. 18, 2017

Signature: Paulo Michaelo Lopez

Date: Henrique Penha

Date: Justin S. Titi

Date: Signature: Christopher Wilson

Attorney Docket No.: 770002002400

Date:	Signature:	_
Date: 3/3/17	Paulo Michaelo Lopez Henrique Penha	
Date:	Signature: Justin S. Titi	_
Date:	Signature:Christopher Wilson	_

Date:	Signature: _		
		Paulo Michaelo Lopez	
Date:	Signature:		
		Henrique Penha	
Date:1/27/17	Signature:	Justin S. Titi	
		$\mathcal{O}_{ m Justin}$ S. Titi	
Date:	Signature:		
		Christopher WILSON	

Date:	Signature:	
	Paulo Michaelo Lopez	
Date:	Signature:	
	Henrique Penha	
Date:	Signature:	
l 1	Justin S. Titi	()
Date: 2 1 17	Signature:	
1 1	Christopher WILSON	The state of the s

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PATENT REEL: 042154 FRAME: 0957