PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4198699

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the NAME OF THE FIRST NAMED INVENTOR TO MICHAEL P. DAL SANTO previously recorded on Reel 040063 Frame 0132. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL P. DAL SANTO	09/20/2016
Hyo Jeong Shin	09/20/2016
Krishna M. Behara	09/20/2016
Marcos R. Vescovi	09/20/2016
Patrick Thomas Dillon	09/20/2016
Richard B. Warren	09/20/2016
Ronald K. Huang	09/20/2016
Xufeng Han	09/20/2016

RECEIVING PARTY DATA

Name:	Apple Inc.
Street Address:	1 Infinite Loop
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014-2094

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15272282

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (214) 747-5070 apsi@fr.com Email:

SUSHIL SHRINIVASAN **Correspondent Name:** FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 18962-0968001

> **PATENT REEL: 041178 FRAME: 0381**

NAME OF SUBMITTER:	ORTALYAH BUTLER	
SIGNATURE:	/Ortalyah Butler/	
DATE SIGNED:	12/22/2016	
Total Attachments: 7		
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PATENT REEL: 041178 FRAME: 0382

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Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael P. Santo	09/20/2016
Hyo Jeong Shin	09/20/2016
Krishna M. Behara	09/20/2016
Marcos R. Vescovi	09/20/2016
Patrick Thomas Dillon	09/20/2016
Richard B. Warren	09/20/2016
Ronald K. Huang	09/20/2016
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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	18962-0968001	
NAME OF SUBMITTER:	ORTALYAH BUTLER	
Signature:	/Ortalyah Butler/	PATENT
Date:	10/19/2016	REEL: 041178 FRAME: 0383

Total Attachments: 5

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RECEIPT INFORMATION

EPAS ID: PAT4103709 **Receipt Date:** 10/19/2016

PATENT REEL: 041178 FRAME: 0384

Attorney Docket No.: 18962-0968001 / Client Ref:P31715US1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Michael P. Dal Santo, Hyo Jeong Shin, Krishna M. Behara, Marcos R. Vescovi, Patrick Thomas Dillon, Richard B. Warren, Ronald K. Huang, Xufeng Han, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

LABELING A SIGNIFICANT LOCATION BASED ON CONTEXTUAL DATA

were ear		es e	
(a)		U.S. patent application executed on , et	ntitled as above, listing the above named persons as Inventors.
(b)		U.S. patent application filed on 09/21/2016 ☑ under Application No. 15/272,282 ☐ with Express Mail No. (Application	Number not yet known).
(c)	П	U.S. Patent No : issued	

and which is found in

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filling date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this		Signature of Inventor
aby of	Sedenker_2016	Michael P. Dal Santo
Executed this		Signature of Inventor
20 th day of	september, 2016	Hyo Jeong Shin
Executed this		Signature of Inventor
2day of	Rptendo 2016	Krishna M. Behara
Executed this		Signature of Inventor
day of		Marcos R. Vescovi
Executed this		Signature of Inventor
day of	<u>September</u>	Atrick Thomas Dillon
Executed this		Signature of Inventor
22 day of	Squite_ 20 16	Alchard B. Warren
		SELECTION OF THE SELECT
Executed this		Signature of Inventor

2		San Control	Š.	1	1		
	day	Of _	449	<u> </u>	<u> </u>	20_	6 99

Ronald K. Huang

Executed this

Signature of Inventor

20 day of September 2016

Xufeng Han

61367676.doc

Attorney Docket No.: 18962-0968001 / Client Ref:P31715US1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Michael P. Dal Santo, Hyo Jeong Shin, Krishna M. Behara, Marcos R. Vescovi, Patrick Thomas Dillon, Richard B. Warren, Ronald K. Huang, Xufeng Han, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

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ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this		Signature of inventor	
day of		Michael P. Dal Santo	
Executed this		Signature of Inventor	
awy of		Hyo Jeong Shin	
Executed this		Signature of Inventor	
day of	20	Krishna M. Behara	
Executed this		Signature of Inventor	
_ <u></u>	<u>Sep Konter</u> 20/6	W L L L. Marcos R. Vescovi	
Executed this		Signature of Inventor	
day of	20	Patrick Thomas Dillon	
Executed this		Signature of inventor	
GBY OF		Richard B. Warren	
Executed this		Signature of Inventor	

A acionmont Dams 2 of 3

PATENT REEL: 041178 FRAME: 0389

RECORDED: 12/22/2016