503019525 10/15/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3066126

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ronald K. Huang	09/27/2014
Robert Mayor	08/28/2014
Maximilian H. Luttrell	08/25/2014
Brendan J. Langoulant	09/05/2014
Vera Carr	09/16/2014
Stephen J. Rhee	09/24/2014
Gregory Novick	09/01/2014

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:	14502076

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: (650) 839-5070 **Email:** apsi@fr.com

Correspondent Name: KIRK A. GOTTLIEB

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	18962-0665001/P14370US1
NAME OF SUBMITTER:	SARAH E. HOKE
SIGNATURE:	/Sarah E. Hoke/
DATE SIGNED:	10/15/2014

503019525 PATENT REEL: 033954 FRAME: 0053

Total Attachments: 21
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PATENT REEL: 033954 FRAME: 0054

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Ronald K. Huang, Robert Mayor, Maximilian H. Luttrell, Brendan J. Langoulant, Vera Carr, Stephen J. Rhee, Gregory Novick, 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

Location-Based Operating Modes

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(b)	Ø	U.S. patent application filed on September 30, 2014 ☑ under Application No. 14/502,076 ☐ with Express Mail No. (Application Number not yet known).
(c)		U.S. Paient 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 filing 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.

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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.

Assignment Page 1 of 3

Executed this		Signature of Inventor
2 ^上 _day of	Septentr 2019	Ronald K. Huang
Executed this		Signature of inventor
day of		Robert Mayor
Executed this		Signature of Inventor
day of	20	Maximilian H. Luttrell
Executed this		Signature of Inventor
day of	20	Brendan J. Langoulant
Executed this		Signature of Inventor
day of		Vera Carr

Executed this	Signature of Inventor
day of	Stephen J. Rhee
Executed this	Signature of Inventor
day of 20	Gregory Novick

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day of	20	Ronald K, Huang
Executed this		Signature of Inventor
day of _	A-5-1-20/Z+	Robert Mayor
Executed this		Signature of Inventor
day of	20	Maximilian H. Luttrell
Executed this		Signature of Inventor
day of		Brendan J. Langoulant
Executed this		Signature of Inventor
day of	. 20	Vera Carr

Executed this	Signature of Inventor
day of	
	Stephen J. Rhee
Executed this	Signature of Inventor
day of _	
	Gregory Novick

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Executed this		Signature of Inventor
day of	, 20	Ronald K. Huang
Executed this		Signature of Inventor
day of		Robert Mayor
Executed this 23th day of	Vyust 2014	Signature of Inventor Maximilian H. Luttrell
Executed this		Signature of Inventor
day of		Brendan J. Langoulant
Executed this		Signature of Inventor
day of	, 20	Vera Carr

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day of	Stephen J. Rhee
Executed this	Signature of Inventor
day of, 20	Gregory Novick

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Executed this		Signature of Inventor
day of	20	Robert Mayor
Executed this		Signature of inventor
day of		Maximilian H. Luttrell
Executed this		Signature of Inventor
5 th day of	Sept 2014	Brendan J. Langoulant
Executed this	*	Signature of Inventor
day of		Vera Carr

Executed this	Signature of Inventor
day of	
	Stephen J. Rhee
Executed this	Signature of Inventor
day of	
	Gregory Novick

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Executed this		Signature of Inventor
day of		Brendan J. Langoulant
Executed this		Signature of Inventor
16th day of	September 2014	V—— Vera Carr

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		Stephen J. Rhee
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		Gregory Novick

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day of	, 20	Vera Carr

Executed this	Signature of Inventor
24 day of 5 = p+ 20 14	
	Stephen J. Rhee
Execused this	Signature of Inventor
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day of	, 20	Vera Carr

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day of	Stephen J. Rhee
Executed this	Signature of Inventor
1st day of September 2014	Hero Miles Gregory Novick

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