

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3850223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IMRAN A. PIRWANI	03/14/2016
STANLEY E. ROBERTS	03/14/2016
DAVID HODGE	03/30/2016
CAMERON SABOL	03/15/2016
USAMA M. HAJJ	03/15/2016
IAN LEIGHTON	03/15/2016
ALEXANDER TISOV	03/18/2016
KASPAR FISCHER	03/23/2016
CURTIS GALLOWAY	04/01/2016
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:	14869684
CORRESPONDENCE DATA	
Fax Number:	(310)442-9330
<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:	(310)442-9300
Email:	mail@adelillp.com
Correspondent Name:	MANI ADELI
Address Line 1:	11859 WILSHIRE BLVD., SUITE 500
Address Line 4:	LOS ANGELES, CALIFORNIA 90025
ATTORNEY DOCKET NUMBER:	APLE.P0660
NAME OF SUBMITTER:	MANI ADELI

SIGNATURE:	/MANI ADELI/
DATE SIGNED:	04/28/2016
Total Attachments: 6 source=P27549US1_P0660_Assignment_complete#page1.tif source=P27549US1_P0660_Assignment_complete#page2.tif source=P27549US1_P0660_Assignment_complete#page3.tif source=P27549US1_P0660_Assignment_complete#page4.tif source=P27549US1_P0660_Assignment_complete#page5.tif source=P27549US1_P0660_Assignment_complete#page6.tif	

ASSIGNMENT

APLE.P0660
P27549US1

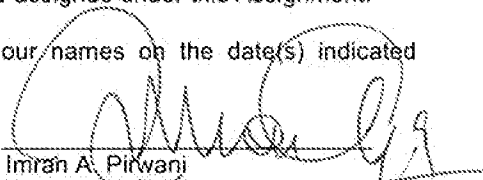
WHEREAS, we, Imran A. Pirwani, residing in Campbell, CA, US, Stanley E. Roberts, residing in San Francisco, CA, David Hodge, residing in Mountain View, CA, Cameron Sabol, residing in Cupertino, CA, Usama M. Hajj, residing in San Francisco, CA, US, Ian Leighton, residing in Kensington, CA, Alexander Tesov, residing in New York, CA, Kaspar Fischer, residing in San Francisco, CA, and Curtis Galloway, residing in Santa Cruz, CA, have made an invention entitled: Frequency Based Transit Trip Characterizations and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on 9/29/2015 as United States Application No. 14/869,684; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014, United States of America, is desirous of acquiring the entire interest in said invention, said United States Patent Application, and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we do hereby sell, assign, and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States Patent Application, including any nonprovisional patent application claiming the benefit thereof and any continuations and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said Patent Application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said Apple Inc. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date(s) indicated hereinafter:

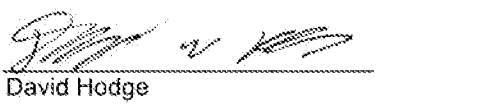
Date: 3/14/16

Signature: 
Imran A. Pirwani

Date: 3/14/2016

Signature: 
Stanley E. Roberts

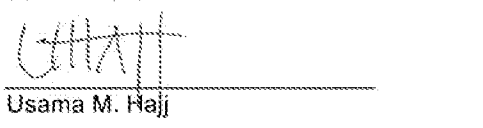
Date: 3/30/16

Signature: 
David Hodge

Date: _____

Signature: _____
Cameron Sabol

Date: 3/15/16

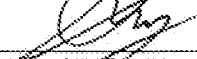
Signature: 
Usama M. Hajj

Date: _____

Signature: _____

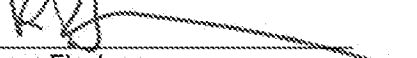
Ian Leighton

Date: 03/18/2016

Signature: 

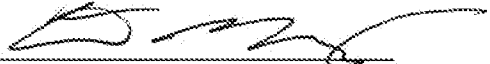
Alexander Tesov

Date: 03/23/2016

Signature: 

Kaspar Fischer

Date: 4/1/2016

Signature: 

Curtis Galloway

ASSIGNMENT

APLE.P0660
P27549US1

WHEREAS, we, Imran A. Pirwani, residing in Campbell, CA, US, Stanley E. Roberts, residing in San Francisco, CA, David Hodge, residing in Mountain View, CA, Cameron Sabol, residing in Cupertino, CA, Usama M. Hajj, residing in San Francisco, CA, US, Ian Leighton, residing in Kensington, CA, Alexander Tesov, residing in Palo Alto, CA, Kaspar Fischer, residing in San Francisco, CA, and Curtis Galloway, residing in Santa Cruz, CA, have made an invention entitled: Frequency Based Transit Trip Characterizations and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on 9/29/2015 as United States Application No. 14/869,684; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014, United States of America, is desirous of acquiring the entire interest in said invention, said United States Patent Application, and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we do hereby sell, assign, and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States Patent Application, including any nonprovisional patent application claiming the benefit thereof and any continuations and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said Patent Application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said Apple Inc. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date(s) indicated hereinafter:

Date: _____

Signature: _____
Imran A. Pirwani

Date: _____

Signature: _____
Stanley E. Roberts

Date: _____

Signature: _____
David Hodge

Date: _____

Signature: _____
Cameron Sabol

Date: _____

Signature: _____
Usama M. Hajj

Date: 3/15/16

Signature: 
Ian Leighton

Date: _____

Signature: _____
Alexander Tesov

Date: _____

Signature: _____
Kaspar Fischer

Date: _____

Signature: _____
Curtis Galloway

ASSIGNMENT

APLE.P0660
P27549US1

WHEREAS, we, Imran A. Pirwani, residing in Campbell, CA, US, Stanley E. Roberts, residing in San Francisco, CA, David Hodge, residing in Mountain View, CA, Cameron Sabol, residing in Cupertino, CA, Usama M. Hajj, residing in San Francisco, CA, US, Ian Leighton, residing in Kensington, CA, Alexander Tesov, residing in New York, CA, Kaspar Fischer, residing in San Francisco, CA, and Curtis Galloway, residing in Santa Cruz, CA, have made an invention entitled: Frequency Based Transit Trip Characterizations and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on 9/29/2015 as United States Application No. 14/869,684; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014, United States of America, is desirous of acquiring the entire interest in said invention, said United States Patent Application, and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we do hereby sell, assign, and transfer unto the said Apple Inc., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States Patent Application, including any nonprovisional patent application claiming the benefit thereof and any continuations and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said Patent Application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said Apple Inc. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date(s) indicated hereinafter:

Date: _____

Signature: _____
Imran A. Pirwani


Date: _____

Signature: _____
Stanley E. Roberts

Date: _____

Signature: _____
David Hodge

Date: March 15, 2016

Signature: 
Cameron Sabol

Date: _____

Signature: _____
Usama M. Hajj

Date: _____

Signature: _____
Ian D. Leighton

Date: _____

Signature: _____
Alexander TESOV

Date: _____

Signature: _____
Kaspar Fischer

Date: _____

Signature: _____
Curtis Galloway