

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4169362

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANUSH G. NADATHUR	10/15/2016
CHRISTOPHER M. GARRIDO	11/04/2016
VINAY A. RAMASWAMY	10/15/2016
KARTHICK SANTHANAM	10/31/2016
JOE S. ABUAN	10/17/2016
KEVIN P. MCLAUGHLIN	10/25/2016
SRINIVAS RAMA	10/15/2016
MING JIN	10/31/2016
HSIEN-PO SHIANG	10/31/2016
WENHUI XU	10/18/2016
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<b>City:</b>	CUPERTINO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15275277
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(925)472-8895
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	090911-P31045US2-1024226

PATENT

<b>NAME OF SUBMITTER:</b>	LAURIE MORENO-SAYKO
<b>SIGNATURE:</b>	/Laurie Moreno-Sayko/
<b>DATE SIGNED:</b>	12/05/2016
<b>Total Attachments: 8</b> source=090911_P31045US2_1024226_assignment#page1.tif source=090911_P31045US2_1024226_assignment#page2.tif source=090911_P31045US2_1024226_assignment#page3.tif source=090911_P31045US2_1024226_assignment#page4.tif source=090911_P31045US2_1024226_assignment#page5.tif source=090911_P31045US2_1024226_assignment#page6.tif source=090911_P31045US2_1024226_assignment#page7.tif source=090911_P31045US2_1024226_assignment#page8.tif	

**ASSIGNMENT**  
(Patent Application)

JOINT

WHEREAS, Anush G. Nadathur, Christopher M. Garrido, Vinay A. Ramaswamy, Karthick Santhanam, Joe S. Abuan, Kevin P. McLaughlin, Srinivas Rama, Ming Jin, Hsien-Po Shiang and Emily Xu, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: NETWORK CONFIGURATIONS FOR INTEGRATED  
ACCESSORY CONTROL

Filing Date: September 23, 2016

Application No.: 15/275,277

WHEREAS, APPLE INC., a corporation of the state of California, located at 1 Infinite Loop, Cupertino, CA 95014, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Kilpatrick Townsend & Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, Georgia 30309, to insert herein above the application number and filing date of said application when known.

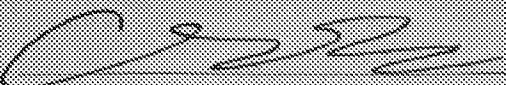
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Signature: \_\_\_\_\_

Anush G. Nadathur

Date: \_\_\_\_\_

10/15/2016

Signature:   
Christopher M. Garrido

Date: 11/4/16

Signature: \_\_\_\_\_  
Vinay A. Ramaswamy

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Karthick Santhanam

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Joe S. Abuan

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Kevin P. McLaughlin

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Srinivas Rama

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Ming Jin

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Hsien-Po Shiang

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Emily Xu

Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Christopher M. Garrido

Signature:  \_\_\_\_\_ Date: 10/15/16

Vinay A. Ramaswamy

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Emily Xu

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Christopher M. Garrido

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Vinay A. Ramaswamy

Signature: S. Karthick Date: 10/31/2016  
Karthick Santhanam

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Joe S. Abuan

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Kevin P. McLaughlin

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Srinivas Rama

Signature: Ming Jin Date: 10/31/2016  
Ming Jin

Signature: Hsien-Po Shiang Date: 10/31/2016  
Hsien-Po Shiang

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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Signature: Joe S. Abuan Date: 10/17/2016

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Srinivas Rama

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

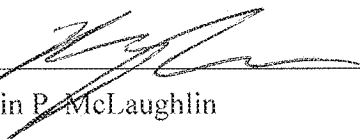
Ming Jin

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Hsien-Po Shiang

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Emily Xu

Signature: _____	Date: _____
Christopher M. Garrido	
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Vinay A. Ramaswamy	
Signature: _____	Date: _____
Karthick Santhanam	
Signature: _____	Date: _____
Joe S. Abuan	
Signature:  _____	Date: <u>10/25/16</u>
Kevin P. McLaughlin	
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Hsien-Po Shiang	
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Emily Xu	

Wenhui Xu W.X.

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Hsien-Po Shiang

Signature:  \_\_\_\_\_ Date: 10/18/2016

~~Emily Xu~~ Wenhui Xu w.x.