

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5737728

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL D. SUNSHINE	07/29/2016
PAUL S. DRZAIC	06/23/2016
DANIEL A. PODHAJNY	06/07/2016
DAVID M. KINDLON	06/20/2016
HOON SIK KIM	06/23/2016
KATHRYN P. CREWS	07/26/2016
YUNG-YU HSU	06/23/2016
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15752480
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<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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Address Line 4:	SCOTTSDALE, ARIZONA 85254
ATTORNEY DOCKET NUMBER:	P28262US1
NAME OF SUBMITTER:	KIERSTIN FOWLER
SIGNATURE:	/Kierstin Fowler/
DATE SIGNED:	09/25/2019

Total Attachments: 7

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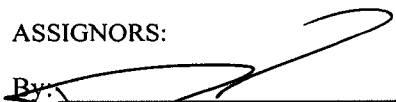
ASSIGNMENT OF PATENT RIGHTS

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, Daniel D. Sunshine, Paul S. Drzaic, Daniel A. Podhajny, David M. Kindlon, Hoon Sik Kim, Kathryn P. Crews, and Yung-Yu Hsu ("Assignors"), residing respectively in Sunnyvale, California, Morgan Hill, California, San Jose, California, Lake Arrowhead, California, San Jose, California, San Francisco, California and San Jose, California, do hereby:

1. ASSIGN, TRANSFER AND CONVEY to Apple Inc. ("Assignee"), 1 Infinite Loop, Cupertino, California 95014, the entire right, title and interest to any and all improvements and/or inventions which are disclosed in the patents and/or patent applications listed in Schedule A, and such patents and/or patent applications, and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and/or any other countries on any of such improvements and/or inventions; all original and reissued patents which have been or shall be issued in the United States and/or any other countries on such improvements and/or inventions; and specifically including the right to file applications in the United States and/or any other countries under the provisions of any convention or treaty, including the right to claim priority under the International Convention, and claim priority based on such applications in the United States and/or any other countries;
2. AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;
3. WARRANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the Assignors, and that the full right to convey the same as herein expressed is possessed by the Assignors;
4. AGREE that Assignee shall have the sole right to institute, prosecute and control actions, suits or proceedings ("Actions") against third parties with respect to any past, present, or future infringement of any patent listed in Schedule A, and any patents maturing from the patents and/or applications listed in Schedule A, including any declaratory judgment actions, at its expense, using counsel of its choice. Any receipts from such Actions, including, but not limited to, awards or settlement payments, shall belong to Assignee;
5. AGREE that the terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignors, its successors, assigns, and other legal representatives;
6. AUTHORIZE AND REQUEST the assignee's practitioners associated with Treyz Law Group P.C., to insert within the attached Schedule A the filing date and application number of said applications listed therein.

This Agreement of Patent Rights is executed as follows:

ASSIGNORS:

By:  _____ Date: 7/29/16 _____
Daniel D. Sunshine

By: _____ Date: _____
Paul S. Drzaic

By: _____ Date: _____
Daniel A. Podhajny

By: _____ Date: _____
David M. Kindlon

By: _____ Date: _____
Hoon Sik Kim

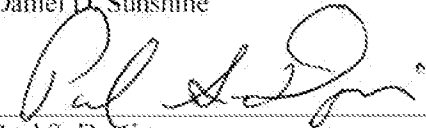
By: _____ Date: _____
Kathryn P. Crews

By: _____ Date: _____
Yung-Yu Hsu

This Agreement of Patent Rights is executed as follows:

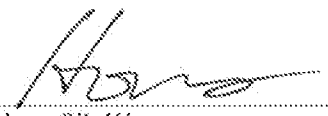
ASSIGNORS:

By: _____ Date: _____
Daniel D. Sunshine

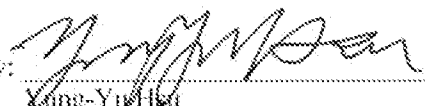
By:  _____ Date: 6/23/16
Paul S. Drzalic

By: _____ Date: _____
Daniel A. Podhajny

By: _____ Date: _____
David M. Kindlon

By:  _____ Date: 6/23/16
Hoon Sik Kim

By: _____ Date: _____
Kathryn P. Crews


By:  _____ Date: 6/23/16
Jing-Yu Han

This Agreement of Patent Rights is executed as follows:

ASSIGNORS:

By: _____ Date: _____
Daniel D. Sunshine

By: _____ Date: _____
Paul S. Drzaic

By:  _____ Date: June 7, 2016
Daniel A. Podhajny

By: _____ Date: _____
David M. Kindlon

By: _____ Date: _____
Hoon Sik Kim

By: _____ Date: _____
Kathryn P. Crews

By: _____ Date: _____
Yung-Yu Hsu

This Agreement of Patent Rights is executed as follows:

ASSIGNORS:

By: _____ Date: _____
Daniel D. Sunshine

By: _____ Date: _____
Paul S. Drzalc

By: _____ Date: _____
Daniel A. Podhajny

By: DMK Date: 6/20/2016
David M. Kindlon

By: _____ Date: _____
Hoon Sik Kim

By: _____ Date: _____
Kathryn P. Crews

By: _____ Date: _____
Yung-Yu Hsu

28262

This Agreement of Patent Rights is executed as follows:

ASSIGNORS:

By: Daniel D. Sunshine Date: _____

By: Paul S. Drzacic Date: _____

By: Daniel A. Podhajny Date: _____

By: David M. Kindlon Date: _____

By: Hoon Sik Kim Date: _____

By: Kathryn P. Crews Date: 7-26-2016

By: Yung-Yu Hsu Date: _____

SCHEDULE A

Docket #	Application #	Filing Date	Title	Inventors
	62/207,499	August 20, 2015	Fabric-Based Items With Electrical Component Arrays	Daniel D. Sunshine et al.
	PCT/US2016/0_____	Not yet filed	Fabric-Based Items With Electrical Component Arrays	Daniel D. Sunshine et al.