

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4500772

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID A. HURRELL	05/16/2017
TYLER B. CATER	05/16/2017
SALOME BAVETTA	05/16/2017
BENJAMIN J. POPE	05/15/2017
SCOTT A. MYERS	05/16/2017
ERIC N. NYLAND	05/16/2017
IHTESHAM H. CHOWDHURY	05/16/2017
KEVIN M. FROESE	05/16/2017
RICHARD HUNG MINH DINH	05/22/2017
SCOTT P. PORTER	05/17/2017
ANTHONY P. GRAZIAN	05/15/2017
ASHUTOSH Y. SHUKLA	06/09/2017
BENJAMIN M. RUSSO	05/16/2017
DAVID MACNEIL	05/16/2017
CHRISTOPHER WILK	05/15/2017
JOSEPH F. MALDONADO	07/11/2017
RUCHIR M. DAVE	07/11/2017
TEEMU P. SIPILA	06/22/2017
YANG LIU	06/22/2017
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:	15648106

CORRESPONDENCE DATA**Fax Number:** (415)576-0300*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:** 415-576-0200**Email:** bkanter@kilpatricktownsend.com**Correspondent Name:** KILPATRICK TOWNSEND & STOCKTON LLP**Address Line 1:** 1100 PEACHTREE STREET**Address Line 2:** SUITE 2800**Address Line 4:** ATLANTA, GEORGIA 30309**ATTORNEY DOCKET NUMBER:** 090911-P33132US1-1030044**NAME OF SUBMITTER:** BRIAN KANTER**SIGNATURE:** /Brian Kanter/**DATE SIGNED:** 07/12/2017**Total Attachments: 19**

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ASSIGNMENT
(Patent Application)

JOINT

WHEREAS, David A. Hurrell, Tyler B. Cater, Scott P. Porter, Salome Bavetta, Anthony P. Grazian, Benjamin J. Pope, Scott A. Myers, Ashutosh Y. Shukla, Benjamin M. Russo, Christopher Wilk, David MacNeil, Eric N. Nyland, Ihtesham H. Chowdhury, Joseph F. Maldonado, Kevin M. Froese, Richard Hung Minh Dinh, Ruchir M. Dave, Teemu P. Sipila, and Yang Liu, 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: HIGH PERFORMANCE LOW PROFILE TOP SPEAKER

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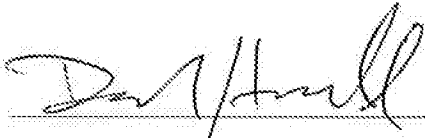
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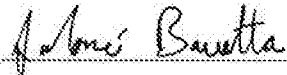
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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

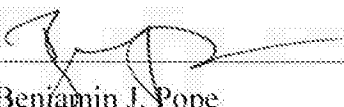
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David A. Hurrell

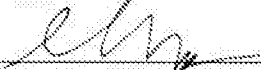
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Tyler B. Cater

Signature: _____ Date: _____
Scott P. Porter

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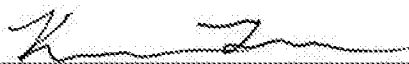
Signature: _____ Date: _____
Christopher Wilk

Signature: _____ Date: _____
David MacNeil

Signature:  Date: May 16/17
Eric N. Nyland

Signature:  Date: 5/16/17
Ihtesham H. Chowdhury

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Joseph F. Maldonado

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Kevin M. Froese

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Yang Liu

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David A. Hurrell

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Tyler B. Cater

Signature: _____ Date: 17 May 2017

Scott P. Porter

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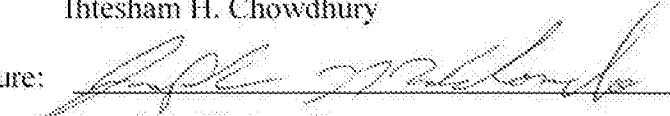
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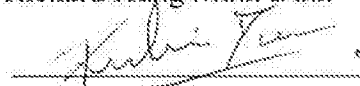
Signature: _____ Date: _____
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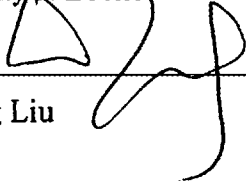
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