503898181 06/30/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER WILK	06/20/2016
RUCHIR M. DAVE	06/20/2016
SCOTT P. PORTER	06/20/2016
DANIEL T. MCDONALD	04/15/2016

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:	15198852

CORRESPONDENCE DATA

Fax Number: (408)720-8383

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: (408) 720-8300

Email: carla_nascimento@bstz.com
Correspondent Name: TRAVIS R. YRIBARREN
Address Line 1: 1279 OAKMEAD PARKWAY

Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	4860P24804	
NAME OF SUBMITTER:	TRAVIS R. YRIBARREN	
SIGNATURE:	/Travis R. Yribarren/	
DATE SIGNED:	06/30/2016	

Total Attachments: 3

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PATENT 503898181 REEL: 039060 FRAME: 0850

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 04860.P24804	
For good and valuable consideration, the receipt and	d sufficiency of which is hereby	
acknowledged, I/we, the undersigned, Christopher Wilk, Ruchir M. Dave, Scott P. Porter		
and Daniel T. McDonald		
hereby sell, assign, and transfer to Apple Inc.		
	0.1%	
a <u>Corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>California</u> ,	
having a principal place of business at 1 Infinite Loop, Cup	pertino CA 95014	
Having a principal place of basiness at 1 minute 200p, our	2511110, 571 33014	
	,	
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any	and all inventions or improvements that	
are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration executed the control of		
concurrently herewith and which application (provisional or	non-provisional) is entitled	
AUDIO SPEAKER HAVING A RIGID A	ADSORPTIVE INSERT ,	
said patent application also identified as follows (when know	vn):	
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh		
United States Patent Application Number <u>15/198,852</u> filed	June 30, 2016,	
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications, applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, ree patent applications that have been or shall be filled in the Urrany of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; and from the filing of said United States application;	ons, divisional applications, continuation on-in-part applications, substitute xaminations, extensions, and all other nited States and all foreign countries on iginal patents, reissued patents, or shall be issued in the United States and	
agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, valid Assignee, its successors, assigns, and legal represent.	without charge to, but at the expense of,	

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

- 1 - Rev. 1/08/2010

improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

Christopher Wilk

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

<u>Jone 20th, 20 16</u> <u>Signature</u>

Tune 20^{1h}, 20 16

Date

Printed/Typed Name

Full Tun.

Signature

Tune 20 16

Date

RuehipM. Daven

Printed/Typed Name

Signature

Scott P. Porter
Printed/Typed Name

_____, 20_____ Date Signature

<u>Daniel T. McDonald</u>
Printed/Typed Name

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

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REEL: 039060 FRAME: 0852

improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

, 20	
Date	Signature
	Christopher Wilk
	Printed/Typed Name
, 20	
Date	Signature
	Ruchir M. Dave
	Printed/Typed Name
, 20	
Date	Signature
	Scott P. Porter
	Printed/Typed Name
4/15 00 1	6 OTAMA. MA

Each Inventor: Please Sign and Date Below:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

Signature //

Printed/Typed Name

Daniel T. McDonald

Date