11/11/2019 505766892

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5813708

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUSTIN A. HATFIELD	10/07/2019
SHOTA AOYAGI	10/09/2019
TIMOTHY E. EMMOTT	09/24/2019
ETHAN L. HUWE	10/01/2019
MITCHELL R. LERNER	10/15/2019
SEAN T. MCINTOSH	10/01/2019
YI-FANG D. TSAI	10/15/2019
JASON C. DELLA ROSA	10/01/2019
PATRICK W. SHEPPARD	09/23/2019
SAMUEL G. PARKER	10/11/2019
DAVID J. FEATHERS	10/01/2019
BRIAN R. TWEHUES	10/01/2019
DANIEL STRONGWATER	11/05/2019

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:	16584940

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: TDIEP@KILPATRICKTOWNSEND.COM KILPATRICK TOWNSEND & STOCKTON LLP **Correspondent Name:**

Address Line 1: 1100 PEACHTREE STREET

PATENT

REEL: 050979 FRAME: 0813 505766892

Address Line 2: **SUITE 2800** Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	090911-P40716US1-1133290
NAME OF SUBMITTER:	THUY DIEP
SIGNATURE:	/ Thuy Diep /
DATE SIGNED:	11/11/2019

Total Attachments: 30

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Attorney Docket No.: 090911-P40716US1-1133290

ASSIGNMENT

(Patent Application)

JOINT

WHEREAS, Dustin A. Hatfield, Shota Aoyagi, Timothy E. Emmott, Ethan L. Huwe, Mitchell R. Lerner, Sean T. McIntosh, Yi-Fang D. Tsai, Jason C. Della Rosa, Patrick W. Sheppard, Samuel G. Parker, David J. Feathers, Brian R. Twehues, and Daniel Strongwater, 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: EARTIPS FOR IN-EAR LISTENING DEVICES

Filing Date: September 26, 2019

Application No.: 16/584,940

WHEREAS, APPLE INC., a corporation of the state of California, located at One Apple Park Way, Cupertino, California 95014, United States of America, 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;

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

Signature:

indicated.

Dustin A. Hatfield

Date: 0700 toler 2019

Assignment Attorney Docket No.: 090911-P40716US1-1133290 Page 2 of 3

Signature:		_ Date:	
_	Shota Aoyagi		
Signature:		_ Date:	
	Timothy E. Emmott		
Signature:		_ Date:	
	Ethan L. Huwe		
Signature:		_ Date:	
	Mitchell R. Lerner		
Signature:		_ Date:	
	Sean T. McIntosh		
Signature:		_ Date:	
	Yi-Fang D. Tsai		
Signature:	-	_ Date:	
	Jason C. Della Rosa		
Signature:	Patrick W. Sheppard	_ Date:	
	Tutter W. Sheppuro		
Signature:	Samuel G. Parker	_ Date:	
Signature:	David J. Feathers	_ Date:	

Assignment Attorney Docket No.: 090911-P40716US1-1133290

Page 3 of 3

Signature:		Date: _	
	Brian R. Twehues		
Signature:		Date:	
-	Daniel Strongwater	_	

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Signature:		Date:	
	Dustin A. Hatfield		

Signature:	Shota Aoyagi	Date:	10/9/19
Signature:	Timothy E. Emmott	Date:	
Signature:	Ethan L. Huwe	Date:	
Signature:	Mitchell R. Lerner	Date:	
Signature:	Sean T. McIntosh	Date:	
Signature:	Yi-Fang D. Tsai	Date:	
Signature:	Jason C. Della Rosa	Date:	
Signature:	Patrick W. Sheppard	Date:	
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Signature:	David J. Feathers	Date:	

Assignment Attorney Docket No.: 090911-P40716US1-1133290 Page 3 of 3

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	Brian R. Twehues		
Signature:		Date:	
Ü	Daniel Strongwater		

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	IN TESTIN	MONY WHI	N 870 373 678 378 1	signors have	signed their	names on	the dates
indicated.							

Signature:	Dustin A. Hatfield	Date:		
	Dustin A. Hatfield			

Page 1 of 3

Signature:		Date:	
	Shota Aoyagi		
Signature:	Timoff, E. Emmott	Date:	<u>09/24/19</u>
Signature:	Ethan L. Huwe	Date:	
Signature:	Mitchell R. Lerner	Date:	
Signature:	Sean T. McIntosh	Date:	
Signature:	Yi-Fang D. Tsai	Date:	***************************************
Signature:	Jason C. Della Rosa	Date:	
Signature:	Patrick W. Sheppard	Date:	
Signature:	Samuel G. Parker	Date:	
Signature:	David J. Feathers	Date:	

Assignment Attorney Docket No.: 090911-P40716US1-1133290 Page 3 of 3

Signature:		Date:	,
	Brian R. Twehues		
Signature:		Date:	,
	Daniel Strongwater		

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(Patent Application)

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Title of Invention:

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Filing Date:

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Application No.:

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Signature:		Date:	
	Dustin A. Hatfield		

Page 1 of 3

Signature:		Date:	
	Shota Aoyagi		
Signature:	Timothy E. Emmott	Date:	
Signature:	Ethan L. Huwe	Date:	10/1/2019
Signature:	Mitchell R. Lerner	Dates	
Signature:	Sean T. McIntosh	Date:	10.1.2019
Signature:	Yi-Fang D. Tsai	Date:	
Signature:	Jululu Jason C. Della Rosa	Date:	10/1/19
Signature:	Patrick W. Sheppard	Date:	
Signature:	Samuel G. Parker	Date:	
Signature:	David J. Feathers	Date:	

Assignment Attorney Docket No.: 090911-P40716US1-1133290 Page 3 of 3

Signature:	Skylinkues	Date:	10.1.2019
	Brian R. Twehues		
Signature:		Date:	
	Daniel Strongwater	•	

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Signature:		Date:	
	Ethan L. Huwe		
Signature:	Mitchell R. Lerner	Date:	10.15.19
	Willenell R. Lerner		
Signature:	Sean T. McIntosh	Date:	
Signature:	Yi-Fang D. Tsai	Date:	
Signature:	Jason C. Della Rosa	Date:	
Signature:		Date:	
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Assignment Attorney Docket No.: 090911-P40716US1-1133290

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Dustin A. Hatfield

Signature:

PATENT REEL: 050979 FRAME: 0830

Date:

Signature:		Date:	
	Shota Aoyagi		
Signature:		Date:	
	Timothy E. Emmott		
Signature:	Ethan L. Huwe	Date:	
Signature:	Mitchell R. Lerner	Date:	
Signature:		Date:	
	Sean T. McIntosh		
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Signature:	Jason C. Della Rosa	Date:	
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	Brian R. Twehues	Nichionan	
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	Timothy E. Emmott		
Signature:		Date:	
	Ethan L. Huwe		
Signature:		_ Date:	-
	Mitchell R. Lerner		
Signature:	C T 38.7.4.1	Date:	
	Sean T. McIntosh		
Signature:	Yi-Fang D. Tsai	_ Date:	
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Signature:	Jason C. Della Rosa	Date:	
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Signature:	Patrick W. Sheppard	Date:	9/30/2019
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oignature.	Samuel G. Parker	_ Date:	
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Bimme.	David J. Feathers		

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Attorney Docket No.: 090911-P40716US1-1133290
Page 3 of 3

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16/584,940

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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 Assignce'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.

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Signature:		 Date:	
	Dustin A. Hatfield		

Signature:		Date:	
	Shota Aoyagi		
Signature:		Date:	
	Timothy E. Emmott		
Signature:		Date:	
	Ethan L. Huwe		
Signature:		Date:	
	Mitchell R. Lerner		
Signature:	Sean T. McIntosh	Date:	
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Signature:	Yi-Fang D. Tsai	Date:	
	-		
Signature:	Jason C. Della Rosa	Date:	
Signature;		Date:	
	Patrick W. Sheppard		
Signature:	Jen Papa	Date:	10/11/19
	Samuel G. Parker		
Signature:	·	Date:	
	David J. Feathers		

Assignment Attorney Docket No.: 090911-P40716US1-1133290 Page 3 of 3

Signature:		Date:	
	Brian R. Twehues		
Signature:		Date:	
	Daniel Strongwater		

ASSIGNMENT (Patent Application)

JOINT

WHEREAS, Dustin A. Hatfield, Shota Aoyagi, Timothy E. Emmott, Ethan L. Huwe, Mitchell R. Lerner, Sean T. McIntosh, Yi-Fang D. Tsai, Jason C. Della Rosa, Patrick W. Sheppard, Samuel G. Parker, David J. Feathers, Brian R. Twehues, and Daniel Strongwater, 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: EARTIPS FOR IN-EAR LISTENING DEVICES

Filing Date: September 26, 2019

Application No.: 16/584,940

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_	Dustin A. Hatfield		

	Shota Aryagi			
Steranor	Timothy E. Emmott	Date		
Nemark	Ethan L. Huwe	Die		
Synature	Mitchell R. Lerner	Date		
Spann	Scan T. McIntosh	Date		
Signature	Yi-Fang D. Tsai	Date:		
Signature	Jason C. Deila Rosa	Date		
Signature	Patrick W. Sheppard	Date:		
Signature:	Samuel G. Parker	Date:		
ignature:	David I Feathers	Date	10///19	

PATENT

REEL: 050979 FRAME: 0840

Assignment Attorney Docket No.: 090911-P40716US1-1133290 Page 3 of 3

Signature:		Date:	
	Brian R. Twehues		
Signature:		Date:	
Ü	Daniel Strongwater		

Attorney Docket No.: 090911-P40716US1-1133290

ASSIGNMENT (Patent Application)

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Signature:		Date:	
	Dustin A. Hatfield		

Page 1 of 3

Signature:		Date:	
	Shota Aoyagi		
Signature:	Timothy E. Emmott	Date:	-
Signature:	· ————————————————————————————————————	Date:	
Signature:	Ethan L. Huwe	Date:	
J.g	Mitchell R. Lerner	. Date.	•
Signature:	Sean T. McIntosh	Date:	
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Assignment Attorney Docket No.: 090911-P40716US1-1133290 Page 3 of 3

Signature:		Date:		
	Brian R. Twehues			
Signature:	Dil Signita	Date:	11/5/19	
	Daniel Strongwater			

PATENT REEL: 050979 FRAME: 0844

RECORDED: 11/11/2019