506878905 09/20/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6925726

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN C. PERKINS	09/20/2019
JUSTIN D. CROSBY	12/16/2019
WOOJIN JUNG	09/19/2019
TATSUYA SANO	09/19/2019
SAMUEL B. SCHAEVITZ	12/16/2019
CHRISTOPHER J. WALTON	09/23/2019
CHRISTOPHER M. WERNER	09/19/2019

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:	17478364

CORRESPONDENCE DATA

Fax Number: (303)223-1111

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: 13032231100

Email: patentdocket@bhfs.com

Correspondent Name: S. CRAIG HEMENWAY / APPLE INC.

Address Line 1: 410 SEVENTEENTH STREET
Address Line 4: DENVER, COLORADO 80202

ATTORNEY DOCKET NUMBER:	P42056US3
NAME OF SUBMITTER:	ELISSA A. ASARO
SIGNATURE:	/Elissa A. Asaro/
DATE SIGNED:	09/20/2021

Total Attachments: 8 source=P42056US3 Executed Assignment#page1.tif source=P42056US3 Executed Assignment#page2.tif source=P42056US3 Executed Assignment#page3.tif source=P42056US3 Executed Assignment#page4.tif source=P42056US3 Executed Assignment#page5.tif source=P42056US3 Executed Assignment#page6.tif source=P42056US3 Executed Assignment#page7.tif source=P42056US3 Executed Assignment#page8.tif

ASSIGNMENT

WHEREAS, we, Ryan C. Perkins, Justin D. Crosby, Woojin Jung, Tatsuya Sano, Samuel B. Schaevitz, Christopher J. Walton and Christopher M. Werner (hereinafter, individually and collectively the "Assignor"), have invented certain new and useful systems, devices, and methods disclosed and described in a utility application for Letters Patent in the United States ("U.S."), titled "Audio Output System for a Wirelessly Locatable Tag," which can be identified in the United States Patent and Trademark Office ("USPTO") by Application No. 17/478,364 , filed on September 17, 2021 (the "Utility Application") with attorney docket no. P42056US3; and

WHEREAS, Assignor desires to assign any and all right, title and interest to said Utility Application, and any provisional, non-provisional, continuation, continuation-in-part, divisional, international, foreign, regional and convention applications corresponding thereto, and any and all Letters Patent of the United States and countries and regions foreign thereto which may grant or have granted thereto or be lodged in relation thereto, any reissue or reexamination thereof or to be obtained therefor, any renewals, or substitutes thereof, and any and all priority rights or priority claims, International Convention rights, any and all rights to collect past damages for infringement of any and all Letters Patent of the United States and countries and regions foreign thereto which may be published, which may grant, or have granted thereto or be lodged in relation thereto, and other benefits accruing to or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto (the "Patent Rights");

WHEREAS, Apple Inc., a corporation organized and existing under the laws of the State of California, and having its principal place of business at One Apple Park Way, Cupertino, California 95014 (the "Assignee"), desires to acquire any and all, right, title, and interest of Assignor in and to the invention(s), the Patent Rights, and in, to, and under any and all Letters Patent to be obtained therefor;

NOW THEREFORE, for the sum of \$1.00 and other good and valuable consideration to Assignor in hand paid, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to the invention(s), Patent Rights, and any and all Letters Patent to be obtained therefor;

UPON SAID CONSIDERATION, the Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, reissues, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and execute confirmatory assignments or acknowledgments of this assignment as necessary for full enjoyment of the Patent Rights and for recording in foreign patent offices, and in enforcing any rights or choses in action accruing as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and

agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party;

ASSIGNOR HEREBY AUTHORIZES said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Utility Application and otherwise take advantage of the provisions of any international conventions.

ASSIGNOR HEREBY AUTHORIZES Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the application number, filing date, and title of the Utility Application once known.

the date indicated below.	F, the Assignor hereunto has executed this Assignment upon
Date: <u>9/20/19</u>	Bv: 2/
7,7	By:Ryan C-Perkins
IN WITNESS WHEREO	F, the Assignor hereunto has executed this Assignment upon
Date:	Ву:
33 30000000	By: Justin D. Crosby
the date indicated below. Date:	By: Woojin Jung
	F, the Assignor hereunto has executed this Assignment upon
the date indicated below.	
Date:	By: Tatsuya Sano
	Tatsuya Sano
IN WITNESS WHEREO the date indicated below.	F, the Assignor hereunto has executed this Assignment upon
Date:	By: Samuel B. Schaevitz
	Samuel B. Schaevitz

2 of 3

agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

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IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date:	By: Ryan C. Perkins
	Ryan C. Perkins
IN WITNESS WHEREOF, the Assignor the date indicated below.	hereunto has executed this Assignment upon
Date: <u>1/2 Pec. 2019</u>	By: Victin D. Crochy
	Justin D. Crosby
IN WITNESS WHEREOF, the Assignor the date indicated below.	hereunto has executed this Assignment upon
Date:	Ву:
	By: Woojin Jung
IN WITNESS WHEREOF, the Assignor the date indicated below.	hereunto has executed this Assignment upon
Date:	By: Tatsuya Sano
	Tatsuya Sano
IN WITNESS WHEREOF, the Assignor the date indicated below.	hereunto has executed this Assignment upon
Date:	Bv ^c

2 of 3

Samuel B. Schaevitz

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Date	BV
	By: Ryan C. Perkins
IN WITNESS WHEREOF, the date indicated below	the Assignor hereunto has executed this Assignment upon
Date	8
	By: Justin D. Crosby
IN WITNESS WHEREOF, the date indicated below.	the Assignor hereunto has executed this Assignment upon
Date: 2019-09-19	By John Strain
	By:
IN WITNESS WHEREOF, I the date indicated below.	the Assignor hereunto has executed this Assignment upon
Date	. Taking puntuk di kacamatan bangan bang
	By: Tatsuya Sano
IN WITNESS WHEREOF, I the date indicated below	the Assignor hereunto has executed this Assignment upon
Date:	By: Samuel R Schaeutz
	Samuel B. Schaeuitz

2 of 3

Attorney Docket No. P42056US3

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IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date:

By:
Ryan C. Perkins

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

By:
Justin D. Crosby

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date:

By:
Woojin Jung

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

By:
Woojin Jung

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By:
Woojin Jung

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

By:
Tatsuya Sano

2 of 3

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon

Samuel B. Schaevitz

the date indicated below.

Date:

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Date:	By:
	Ryan C. Perkins
IN WITNESS WHEREOF, the date indicated below.	he Assignor hereunto has executed this Assignment upon
Date:	By:
	By: Justin D. Crosby
IN WITNESS WHEREOF, t the date indicated below.	he Assignor hereunto has executed this Assignment upon
Date:	Bv:
	By: Woojin Jung
IN WITNESS WHEREOF, to the date indicated below.	he Assignor hereunto has executed this Assignment upon
Date:	
	By: Tatsuya Sano
IN WITNESS WHEREOF, the date indicated below. Date: 12/14/2019	he Assignor hereunto has executed this Assignment upon
Date. 1 /10/3011	Samuel B. Schaevitz
	SHOWN CARRY SAND SAND CONTROL OF THE SAND SAND

2 of 3

Date: 09/23/2019	9 Βν: <u>C</u>
	Christopher J. Walton
IN WITNESS WHERE	EOF, the Assignor hereunto has executed this Assignment upo
IN WITNESS WHERE	EOF, the Assignor hereunto has executed this Assignment upo
IN WITNESS WHERE he date indicated below.	EOF, the Assignor hereunto has executed this Assignment upor
he date indicated below.	
IN WITNESS WHERE he date indicated below. Date:	EOF, the Assignor hereunto has executed this Assignment upor By: Christopher M. Werner

3 of 3

the date indicated below	IEREOF, the Assignor hereunto has executed this Assignment upor .	3
Date:	By:	
	Christopher J. Walton	**********
IN WITNESS Withe date indicated below Date: 9/4/19	IEREOF, the Assignor hereunto has executed this Assignment upor By: Christopher M/Werne	1