

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5651062

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALBERT RILEY HOWARD	04/08/2019
CATHERINE B. B. MORRISON	04/11/2019
CHRISTOPHER P. SAARI	07/15/2019
HEATHER E. DANIEL	04/29/2019
KEVIN M. LYNCH	04/30/2019
RONALD KERYUN HUANG	04/15/2019
SHERIF MOHAMED	04/12/2019
TELFORD E. FORGETY	07/23/2019
MATTHEW W. CROWLEY	04/22/2019
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:	16529550
CORRESPONDENCE DATA	
Fax Number:	(925)472-8895
<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>	
Phone:	925-472-6324
Email:	Imoreno@kilpatricktownsend.com
Correspondent Name:	LAURIE MORENO
Address Line 1:	2175 NORTH CALIFORNIA BOULEVARD
Address Line 2:	SUITE 600
Address Line 4:	WALNUT CREEK, CALIFORNIA 94596
ATTORNEY DOCKET NUMBER:	090911-P40781US1-1113861
NAME OF SUBMITTER:	LAURIE MORENO

PATENT

SIGNATURE:	/Laurie Moreno/
DATE SIGNED:	08/02/2019
Total Attachments: 20	
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ASSIGNMENT
(Patent Application)

JOINT

WHEREAS, Albert Riley Howard, Catherine B. B. Morrison, Christopher P. Saari, Heather E. Daniel, Kevin M. Lynch, Ronald Keryuan Huang, Sherif Mohamed, Telford E. Forgety, Matthew W. Crowley and Eamon F. Gilravi, 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:

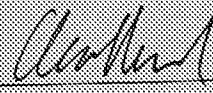
Title of Invention: **FALL DETECTION – AUDIO LOOPING**
Filing Date: August 01, 2019
Application No.: 16/529,550

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 indicated.

Signature: 
Albert Riley Howard

Date: 4/8/19

Signature: _____
Catherine B. B. Morrison

Date: _____

Signature: _____
Christopher P. Saari

Date: _____

Signature: _____
Heather E. Daniel

Date: _____

Signature: _____
Kevin M. Lynch

Date: _____

Signature: _____
Ronald Keryun Huang

Date: _____

Signature: _____
Sherif Mohamed

Date: _____

Signature: _____
Telford E. Forgety

Date: _____

Signature: _____
Matthew W. Crowley

Date: _____

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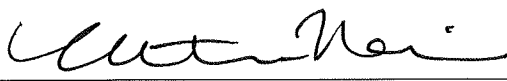
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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Signature: _____ Date: _____
Albert Riley Howard

Signature:  Date: April 11, 2019
Catherine B. B. Morrison

Signature: _____ Date: _____
Christopher P. Saari

Signature: _____ Date: _____
Heather E. Daniel

Signature: _____ Date: _____
Kevin M. Lynch

Signature: _____ Date: _____
Ronald Keryun Huang

Signature: _____ Date: _____
Sherif Mohamed

Signature: _____ Date: _____
Telford E. Forgety

Signature: _____ Date: _____
Matthew W. Crowley

Signature: _____

Date: _____

Eamon F. Gilravi

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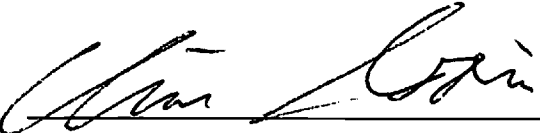
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Signature: _____ Date: _____
Albert Riley Howard

Signature: _____ Date: _____
Catherine B. B. Morrison

Signature:  _____ Date: 7/15/19
Christopher P. Saari

Signature: _____ Date: _____
Heather E. Daniel

Signature: _____ Date: _____
Kevin M. Lynch

Signature: _____ Date: _____
Ronald Keryun Huang

Signature: _____ Date: _____
Sherif Mohamed

Signature: _____ Date: _____
Telford E. Forgety

Signature: _____ Date: _____
Matthew W. Crowley

Assignment
Attorney Docket No. 090911-P40781US1-1113861
Page 3 of 3

Signature: _____

Date: _____

Eamon F. Gilrivi

ASSIGNMENT
(Patent Application)

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Signature: _____ Date: _____

Albert Riley Howard

Signature: _____ Date: _____

Catherine B. B. Morrison

Signature: _____ Date: _____

Christopher P. Saari

Signature: Heather E. Daniel Date: 4-29-2019

Heather E. Daniel

Signature: _____ Date: _____

Kevin M. Lynch

Signature: _____ Date: _____

Ronald Keryun Huang

Signature: _____ Date: _____

Sherif Mohamed

Signature: _____ Date: _____

Telford E. Forgety

Signature: _____ Date: _____

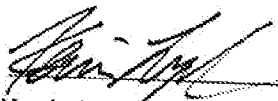
Matthew W. Crowley

Signature: _____ Date: _____
Albert Riley Howard

Signature: _____ Date: _____
Catherine B. B. Morrison

Signature: _____ Date: _____
Christopher P. Saari

Signature: _____ Date: _____
Heather E. Daniel

Signature:  _____ Date: 4/30/19
Kevin M. Lynch

Signature: _____ Date: _____
Ronald Keryun Huang

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Sherif Mohamed

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Telford E. Forgety

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Matthew W. Crowley

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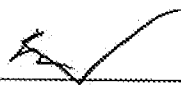
Signature: _____ Date: _____
Albert Riley Howard

Signature: _____ Date: _____
Catherine B. B. Morrison

Signature: _____ Date: _____
Christopher P. Saari

Signature: _____ Date: _____
Heather E. Daniel

Signature: _____ Date: _____
Kevin M. Lynch

Signature:  _____ Date: 4/15/2011
Ronald Keryun Huang

Signature: _____ Date: _____
Sherif Mohamed

Signature: _____ Date: _____
Telford E. Forgety

Signature: _____ Date: _____
Matthew W. Crowley

Signature: _____ Date: _____
Albert Riley Howard


Signature: _____ Date: _____
Catherine B. B. Morrison

Signature: _____ Date: _____
Christopher P. Saari

Signature: _____ Date: _____
Heather E. Daniel

Signature: _____ Date: _____
Kevin M. Lynch

Signature: _____ Date: _____
Ronald Keryun Huang

Signature:  _____ Date: 04/12/19
Sherif Mohamed

Signature: _____ Date: _____
Telford E. Forgety

Signature: _____ Date: _____
Matthew W. Crowley

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Catherine B. B. Morrison


Signature: _____ Date: _____
Christopher P. Saari

Signature: _____ Date: _____
Heather E. Daniel

Signature: _____ Date: _____
Kevin M. Lynch

Signature: _____ Date: _____
Ronald Keryun Huang

Signature: _____ Date: _____
Sherif Mohamed

Signature:  _____ Date: 23 Jul 2019
Telford E. Forgety

Signature: _____ Date: _____
Matthew W. Crowley

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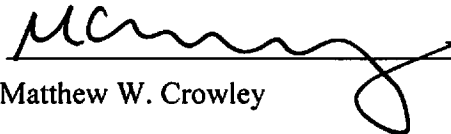
Signature: _____ Date: _____
Heather E. Daniel

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Kevin M. Lynch

Signature: _____ Date: _____
Ronald Keryun Huang

Signature: _____ Date: _____
Sherif Mohamed

Signature: _____ Date: _____
Telford E. Forgety

Signature:  _____ Date: 4/22/2019

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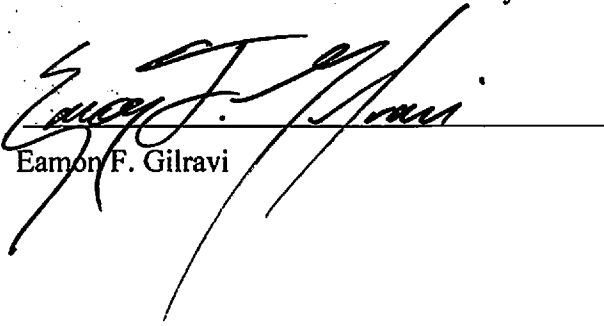
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Assignment
Attorney Docket No. 090911-P40781US1-1113861
Page 3 of 3

Signature:


Eamon F. Gilravi

Date:

4/23/19