

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4810089

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAY K. BLAHNIK	12/18/2017
ALED H. WILLIAMS	01/24/2018
ANTHONY D'AURIA	12/20/2017
DAVID S. CLARK	12/01/2017
KEITH P. AVERY	12/19/2017
EAMON F. GILMARTIN	12/14/2017
MOLLY P. WIEBE	01/24/2018
JULIE A. ARNEY	12/05/2017
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:	15888728
CORRESPONDENCE DATA	
Fax Number:	
<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:	347-470-6620
Email:	docket@vcaiplaw.com
Correspondent Name:	JEFFREY C. ALDRIDGE
Address Line 1:	154 GRAND ST.
Address Line 2:	VAN COURT & ALDRIDGE LLP
Address Line 4:	NEW YORK, NEW YORK 10013
ATTORNEY DOCKET NUMBER:	P34883US1 (104677/16300)
NAME OF SUBMITTER:	DANIEL G. HARRIS
SIGNATURE:	/Daniel G. Harris/

PATENT

DATE SIGNED:	02/05/2018
---------------------	------------

Total Attachments: 21

- source=2018-02-05_P34883US1-Assignments#page1.tif
- source=2018-02-05_P34883US1-Assignments#page2.tif
- source=2018-02-05_P34883US1-Assignments#page3.tif
- source=2018-02-05_P34883US1-Assignments#page4.tif
- source=2018-02-05_P34883US1-Assignments#page5.tif
- source=2018-02-05_P34883US1-Assignments#page6.tif
- source=2018-02-05_P34883US1-Assignments#page7.tif
- source=2018-02-05_P34883US1-Assignments#page8.tif
- source=2018-02-05_P34883US1-Assignments#page9.tif
- source=2018-02-05_P34883US1-Assignments#page10.tif
- source=2018-02-05_P34883US1-Assignments#page11.tif
- source=2018-02-05_P34883US1-Assignments#page12.tif
- source=2018-02-05_P34883US1-Assignments#page13.tif
- source=2018-02-05_P34883US1-Assignments#page14.tif
- source=2018-02-05_P34883US1-Assignments#page15.tif
- source=2018-02-05_P34883US1-Assignments#page16.tif
- source=2018-02-05_P34883US1-Assignments#page17.tif
- source=2018-02-05_P34883US1-Assignments#page18.tif
- source=2018-02-05_P34883US1-Assignments#page19.tif
- source=2018-02-05_P34883US1-Assignments#page20.tif
- source=2018-02-05_P34883US1-Assignments#page21.tif

ASSIGNMENT

WHEREAS, We, Jay K. Blahnik, Aled H. Williams, Anthony D'Auria, David S. Clark, Keith P. Avery, Eamon F. Gilmartin, Molly P. Wiebe, and Julie A. Arney, citizens of the United States of America, Great Britain, the United States of America, the United States of America, the United States of America, the United States of America, the United States of America, and the United States of America, respectively, residing in San Francisco, California, San Francisco, California, San Francisco, California, San Jose, California, Sunnyvale, California, San Francisco, California, San Francisco, California, and Los Gatos, California, respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

**PHYSICAL ACTIVITY MONITORING AND MOTIVATING WITH
AN ELECTRONIC DEVICE**

the specification of which was filed as US Patent Application No. * 15/888,728 on * February 5, 2018 ;

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to

.....
*We hereby authorize "Apple Inc." and its representatives to insert in this instrument the US Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

PATENT

REEL: 045248 FRAME: 0166

us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

12/18/07

Date

Jay Blahnik

Jay K. Blahnik

Date

Aled H. Williams

Date

Anthony D'Auria

Date

David S. Clark

Date

Keith P. Avery

Date

Eamon F. Gilmartin

Date

Molly P. Wiebe

Date

Julie A. Arney

ASSIGNMENT

WHEREAS, We, Jay K. Blahnik, Aled H. Williams, Anthony D'Auria, David S. Clark, Keith P. Avery, Eamon F. Gilmartin, Molly P. Wiebe, and Julie A. Arney, citizens of the United States of America, Great Britain, the United States of America, the United States of America, the United States of America, the United States of America, the United States of America, and the United States of America, respectively, residing in San Francisco, California, San Francisco, California, San Francisco, California, San Jose, California, Sunnyvale, California, San Francisco, California, San Francisco, California, and Los Gatos, California, respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

**PHYSICAL ACTIVITY MONITORING AND MOTIVATING WITH
AN ELECTRONIC DEVICE**

the specification of which was filed as US Patent Application No. *15/888,728 on * February 5, 2018;

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to

.....
*We hereby authorize "Apple Inc." and its representatives to insert in this instrument the US Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

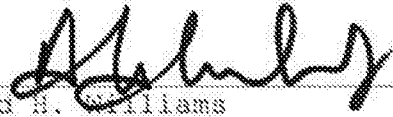
Date

Jay K. Blabnik

1/24/18

Date

Aled H. Williams



Date

Anthony D'Auria

Date

David S. Clark

Date

Keith P. Avery

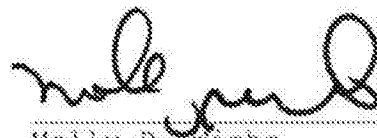
Date

Eamon F. Gilmartin

1/24/18

Date

Molly P. Wiebe



Date

Julie A. Arney

ASSIGNMENT

WHEREAS, We, Jay K. Blahnik, Aled H. Williams, Anthony D'Auria, David S. Clark, Keith P. Avery, Eamon F. Gilmartin, Molly P. Wiebe, and Julie A. Arney, citizens of the United States of America, Great Britain, the United States of America, the United States of America, the United States of America, the United States of America, the United States of America, and the United States of America, respectively, residing in San Francisco, California, San Francisco, California, San Francisco, California, San Jose, California, Sunnyvale, California, San Francisco, California, San Francisco, California, and Los Gatos, California, respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

**PHYSICAL ACTIVITY MONITORING AND MOTIVATING WITH
AN ELECTRONIC DEVICE**

the specification of which was filed as US Patent Application No. *15/888,728 on *February 5, 2018;

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to

.....
*We hereby authorize "Apple Inc." and its representatives to insert in this instrument the US Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

PATENT

REEL: 045248 FRAME: 0172

us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date

Jay K. Blahnik

Date

Aled H. Williams

Date

12/20/17

Anthony D'Auria

Date

David S. Clark

Date

Keith P. Avery

Date

Eamon P. Gilmartin

Date

Nolly P. Wiebe

Date

Julie A. Arney

ASSIGNMENT

WHEREAS, We, Jay K. Blahnik, Aled H. Williams, Anthony D'Auria, David S. Clark, Keith P. Avery, Eamon F. Gilmartin, Molly P. Wiebe, and Julie A. Arney, citizens of the United States of America, Great Britain, the United States of America, the United States of America, the United States of America, the United States of America, the United States of America, and the United States of America, respectively, residing in San Francisco, California, San Francisco, California, San Francisco, California, San Jose, California, Sunnyvale, California, San Francisco, California, San Francisco, California, and Los Gatos, California, respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

**PHYSICAL ACTIVITY MONITORING AND MOTIVATING WITH
AN ELECTRONIC DEVICE**

the specification of which was filed as US Patent Application No. * 15/888,728 on * February 5, 2018 ;

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to

.....
*We hereby authorize "Apple Inc." and its representatives to insert in this instrument the US Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

PATENT

REEL: 045248 FRAME: 0175

us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date

Jay K. Blahnik

Date

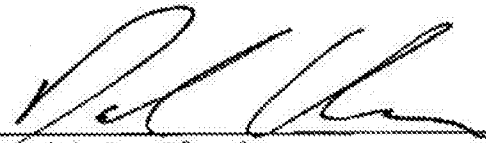
Aled H. Williams

Date

Anthony D'Auria

12/1/2017

Date


David S. Clark

Date

Keith P. Avery

Date

Eamon F. Gilmartin

Date

Molly P. Wiebe

Date

Julie A. Arney

ASSIGNMENT

WHEREAS, We, Jay K. Blahnik, Aled H. Williams, Anthony D'Auria, David S. Clark, Keith P. Avery, Eamon F. Gilmartin, Molly P. Wiebe, and Julie A. Arney, citizens of the United States of America, Great Britain, the United States of America, the United States of America, the United States of America, the United States of America, the United States of America, and the United States of America, respectively, residing in San Francisco, California, San Francisco, California, San Francisco, California, San Jose, California, Sunnyvale, California, San Francisco, California, San Francisco, California, and Los Gatos, California, respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

**PHYSICAL ACTIVITY MONITORING AND MOTIVATING WITH
AN ELECTRONIC DEVICE**

the specification of which was filed as US Patent Application No. * 15/888,728 on * February 5, 2018 ;

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to

.....
*We hereby authorize "Apple Inc." and its representatives to insert in this instrument the US Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

PATENT

REEL: 045248 FRAME: 0178

us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date

Jay K. Blahnik

Date

Aled H. Williams

Date

Anthony D'Auria


Date

David S. Clark

Date

12/19/17

Keith P. Avery



Date

Eamon P. Gilmartin

Date

Molly P. Wiebe

Date

Julie A. Arney

ASSIGNMENT

WHEREAS, We, Jay K. Blahnik, Aled H. Williams, Anthony D'Auria, David S. Clark, Keith P. Avery, Eamon F. Gilmartin, Molly P. Wiebe, and Julie A. Arney, citizens of the United States of America, Great Britain, the United States of America, the United States of America, the United States of America, the United States of America, the United States of America, and the United States of America, respectively, residing in San Francisco, California, San Francisco, California, San Francisco, California, San Jose, California, Sunnyvale, California, San Francisco, California, San Francisco, California, and Los Gatos, California, respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

**PHYSICAL ACTIVITY MONITORING AND MOTIVATING WITH
AN ELECTRONIC DEVICE**

the specification of which was filed as US Patent Application No. * 15/888,728 on * February 5, 2018 ;

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to

.....
*We hereby authorize "Apple Inc." and its representatives to insert in this instrument the US Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

PATENT

REEL: 045248 FRAME: 0181

us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date

Jay K. Blahnik

Date

Aled H. Williams

Date

Anthony D'Auria

Date

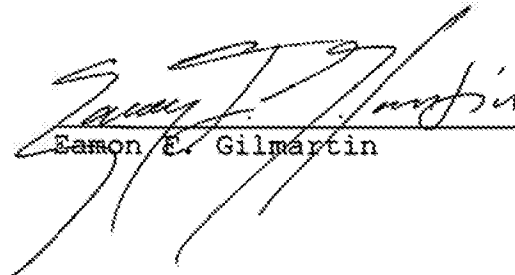
David S. Clark

Date

Keith P. Avery

12/14/17

Date



Eamon E. Gilmartin

Date

Molly P. Wiebe

Date

Julie A. Arney

ASSIGNMENT

WHEREAS, We, Jay K. Blahnik, Aled H. Williams, Anthony D'Auria, David S. Clark, Keith P. Avery, Eamon F. Gilmartin, Molly P. Wiebe, and Julie A. Arney, citizens of the United States of America, Great Britain, the United States of America, the United States of America, the United States of America, the United States of America, the United States of America, and the United States of America, respectively, residing in San Francisco, California, San Francisco, California, San Francisco, California, San Jose, California, Sunnyvale, California, San Francisco, California, San Francisco, California, and Los Gatos, California, respectively, and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

**PHYSICAL ACTIVITY MONITORING AND MOTIVATING WITH
AN ELECTRONIC DEVICE**

the specification of which was filed as US Patent Application No. * 15/888,728 on * February 5, 2018 ;

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to

.....
*We hereby authorize "Apple Inc." and its representatives to insert in this instrument the US Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

PATENT

REEL: 045248 FRAME: 0184

us, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Date

Jay K. Blahnik

Date

Aled H. Williams

Date

Anthony D'Auria

Date

David S. Clark

Date

Keith P. Avery

Date

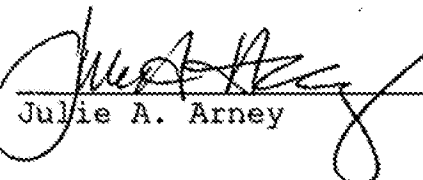
Eamon F. Gilmartin

Date

Molly P. Wiebe

12/5/17

Date



Julie A. Arney