

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4439382

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BEDDIT OY	05/23/2017
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	14934472
Patent Number:	7726209
Patent Number:	7862523
Patent Number:	9072437
Application Number:	14133694
Application Number:	62087870
Application Number:	14997031
Application Number:	62108149
Application Number:	62111170
CORRESPONDENCE DATA	
Fax Number:	(213)892-5454
<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:	2138925200
Email:	EPalines@mof.com
Correspondent Name:	APPLE C/O MORRISON & FOERSTER LLP LA
Address Line 1:	707 WILSHIRE BOULEVARD
Address Line 4:	LOS ANGELES, CALIFORNIA 90017
NAME OF SUBMITTER:	JEAN NGUYEN
SIGNATURE:	/Jean Nguyen/

DATE SIGNED:	06/01/2017
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Total Attachments: 6

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ASSIGNMENT

This Assignment is made by **Beddit Oy**, a company duly organized under the laws of Finland and having an address at Kimmeltie 3, Espoo 02110, Finland (hereinafter the "Assignor"):

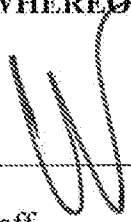
WHEREAS, Assignor is the owner of all of the worldwide rights, title and interest in and to the patents and patent applications set forth on Schedule A hereto (hereinafter the "Listed Patents and Applications");

WHEREAS, **Apple Inc.**, a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at 1 Infinite Loop, Cupertino, California 95014-2084 (hereinafter the "Assignee"), is desirous of acquiring the entire worldwide right, title and interest in and to said Listed Patents and Applications and the Assigned Patents and Applications (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignor has sold, assigned, transferred and convey, and by this Assignment does hereby sell, assign, transfer and convey, unto said Assignee, its successors, legal representatives and assigns, Assignor's entire worldwide right, title and interest in and to the above-mentioned Listed Patents and Applications, and in and to any and all (a) applications (including, but not limited to, provisional applications) and patents from or to which any Listed Patents and Applications claim priority (in whole or in part) or that share common priority (in whole or in part) with any Listed Patents and Applications, (b) divisionals, continuations, continuations-in-part and foreign counterparts of any of the foregoing, (c) patents granted for, on, or extending any of any of the foregoing, (d) other types of patents, including, but not limited to, design patents, utility models, or other types of patents that derive from, extend, or claim priority based on any of any of the foregoing, (e) reissues, reexaminations and extensions of any of the foregoing, and (f) inventions described in any of the foregoing (collectively, the "Assigned Patents and Applications"), together with all rights under international treaties relating to intellectual property, including, but not limited to, the Paris Convention for the Protection of Industrial Property and the Patent Cooperation Treaty, and to claim all rights of priority resulting from the filing of any of the foregoing, all of the foregoing to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms of any and all Assigned Patents and Applications for which patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made. Assignor does hereby sell, assign, transfer, and convey to Assignee, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the Assigned Patents and Applications that may have accrued prior to the date of assignment to Assignee, or may accrue hereafter including, but not limited to, the right to sue for, collect, and retain damages for past, present and future infringement of any of the said Assigned Patents and Applications before or after issuance. To the extent that Schedule A hereto contains any typographical or administrative error but it is clear which patent or patent application was intended to be included in the sale, assignment, transfer and conveyance under this Assignment, Assignor and Assignee each acknowledge and agree that the intended patent or patent application is hereby sold, assigned, transferred and conveyed, along with all other rights, privileges and claims enumerated above with respect to such intended patent or patent application.

IN TESTIMONY WHEREOF,

Beddit Oy

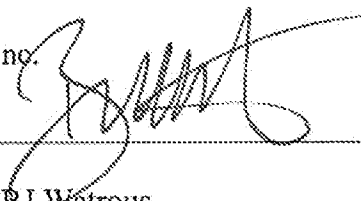
By:  _____

Name: Gene D. Levoff

Title: Chairman of the Board of
Directors

Date: May 23, 2017

Apple Inc.

By:  _____

Name: BJ Watrous

Title: Assistant Secretary

Date: May 23, 2017

SCHEDULE "A" to Assignment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
DE	EPC	EP03792435.8	8/15/2003	EP1563268	5/9/2007	EP1563268A1	8/17/2005	Force Or Pressure Sensor And Method For Applying The Same
EP	PCT	EP03792435.8	8/15/2003	EP1563268	5/9/2007	EP1563268A1	8/17/2005	Force Or Pressure Sensor And Method For Applying The Same
FI	Utility-PRI	20021508	8/21/2002	116097	9/15/2005	FI116097B		Force Or Pressure Sensor And Method For Applying The Same
GB	EPC	EP03792435.8	8/15/2003	EP1563268	5/9/2007	EP1563268A1	8/17/2005	Force Or Pressure Sensor And Method For Applying The Same
US	PCT	10/525,703	8/15/2003	7,726,209	6/1/2010	US-2006-0129047-A1	6/15/2006	Force Or Pressure Sensor And Method For Applying The Same

US	Utility-DIV	12/076,399	3/18/2008	7,862,523	1/4/2011	US-2008-0167561-A1	7/10/2008	Force Or Pressure Sensor And Method For Applying The Same
WO	Utility-ORG	PCT/FI2003/00604	8/15/2003			WO2004/018986	3/4/2004	Force Or Pressure Sensor And Method For Applying The Same
DE	EPC	EP09714930.6	2/26/2009	EP2247233	10/14/2015	EP2247233A1	11/10/2010	Method, Apparatus And Computer Program Product For Detecting Heart Rate
EP	PCT	EP09714930.6	2/26/2009	EP2247233	10/14/2015	EP2247233A1	11/10/2010	Method, Apparatus And Computer Program Product For Detecting Heart Rate
FI	Utility-PRI	20085173	2/26/2008	121453	11/30/2010	FI121453	8/27/2009	Method, Apparatus And Computer Program Product For Detecting Heart Rate
FR	EPC	EP09714930.6	2/26/2009	EP2247233	10/14/2015	EP2247233A1	11/10/2010	Method, Apparatus And Computer Program Product For Detecting Heart Rate

GB	EPC	EP09714930.6	2/26/2009	EP2247233	10/14/2015	EP2247233A1	11/10/2010	Method, Apparatus And Computer Program Product For Detecting Heart Rate
NL	EPC	EP09714930.6	2/26/2009	EP2247233	10/14/2015	EP2247233A1	11/10/2010	Method, Apparatus And Computer Program Product For Detecting Heart Rate
US	PCT	12/919,736	2/26/2009	9,072,437	7/7/2015	US-2011-0022199-A1	1/27/2011	Method, Apparatus And Computer Program Product For Detecting Heart Rate
WO	Utility-ORG	PCT/FI2009/050165	2/26/2009			WO2009/106691	9/3/2009	Method, Apparatus And Computer Program Product For Detecting Heart Rate
EP	PCT	EP14833349.5	12/18/2014			EP3082580A1	10/26/2016	Physiological Monitoring Method and System
US	Utility-PRI	14/133,694	12/19/2013			US-2015-0173671-A1	6/25/2015	Physiological Monitoring Method and System

WO	Utility-ORG	PCT/F12014/051026	12/18/2014			WO2015/092148	6/25/2015	Physiological Monitoring Method and System
US	Utility-ORG	14/934,472	11/6/2015			US-2016-0157780-A1	6/9/2016	Sleep Measurement Computer System
US	Provisional	62/087,870	12/5/2014					Sleep Measurement Computer System
WO	Utility-ORG	PCT/F12015/050751	10/30/2015			WO2016/087709A1	6/6/2016	Sleep Measurement Computer System
US	Utility-ORG	14/997,031	1/15/2016			US-2016-0213309-A1	7/28/2016	System For Determining The Quality Of Sleep
US	Provisional	62/108,149	1/27/2015					System For Determining The Quality Of Sleep
WO	Utility-ORG	PCT/F12015/050959	12/31/2015			WO2016/120518	8/4/2016	System For Determining The Quality Of Sleep
US	Provisional	62/111,170	2/3/2015					Family Sleep Monitoring System
WO	Utility-ORG	PCT/F12016/050048	1/28/2016			WO2016/124817	8/11/2016	Family Sleep Monitoring System

PATENT

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RECORDED: 06/01/2017