

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM364699

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Security Agreement		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
IRHYTHM TECHNOLOGIES, INC.		12/04/2015	CORPORATION: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	SILICON VALLEY BANK		
<b>Street Address:</b>	555 MISSION STREET		
<b>City:</b>	SAN FRANCISCO		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	94105		
<b>Entity Type:</b>	CORPORATION: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 2</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3897689	ZIO	
<b>Serial Number:</b>	86579939	MYZIO	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8004947512		
<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>			
<b>Phone:</b>	2023704750		
<b>Email:</b>	ipteam@nationalcorp.com		
<b>Correspondent Name:</b>	Darlena Bari Stark		
<b>Address Line 1:</b>	1025 Vermont Ave NW, Suite 1130		
<b>Address Line 2:</b>	National Corporate Research, Ltd.		
<b>Address Line 4:</b>	Washington, D.C. 20005		
<b>ATTORNEY DOCKET NUMBER:</b>	F159934		
<b>NAME OF SUBMITTER:</b>	ANDREW NASH		
<b>SIGNATURE:</b>	/ANDREW NASH/		
<b>DATE SIGNED:</b>	12/04/2015		
<b>Total Attachments: 9</b>			
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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is entered into as of December 4, 2015, by and between SILICON VALLEY BANK, a California corporation, with a loan production office located at 555 Mission Street, San Francisco, California 94105 ("**Bank**") and IRHYTHM TECHNOLOGIES, INC., a Delaware corporation with its principal place of business located at 650 Townsend Street, Suite 380, San Francisco, California 94103 ("**Grantor**").

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "**Loans**") in the amounts and manner set forth in that certain Second Amended and Restated Loan and Security Agreement by and between Bank and Grantor dated as of even date hereof (as the same may be amended, modified or supplemented from time to time, the "**Loan Agreement**"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to Bank.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor's obligations to Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

1. Grant of Security Interest. To secure Grantor's obligations to Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "**Intellectual Property Collateral**"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "**Copyrights**");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the “**Patents**”);

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the “**Trademarks**”);

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the “**Mask Works**”);

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

5. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

6. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

IRHYTHM TECHNOLOGIES, INC.



By: Matthew C. Garrett

Title: Chief Financial Officer

BANK:

SILICON VALLEY BANK

By: \_\_\_\_\_

Title: \_\_\_\_\_

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

IRHYTHM TECHNOLOGIES, INC.

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By: Matthew C. Garrett

Title: Chief Financial Officer

BANK:

SILICON VALLEY BANK

By: 

Title: Vice President

EXHIBIT A

Copyrights

None.



EXHIBIT B

Patents

Reference No.	Title	Patent No.	Issue Date	Notes / Status
IRHYM.002A	Device Features and Design Elements for Long-Term Adhesion	8,560,046	10-15-2013	Possible Reissue Application due 10-15-2015 4 <sup>th</sup> year maintenance fees due 4-15-2017 8 <sup>th</sup> year maintenance fees due 4-15-2021 12 <sup>th</sup> year maintenance fees due 4-15-2025
IRHYM.002C1	Device Features and Design Elements for Long-Term Adhesion	8,538,503	09-17-2013	Continuation of IRHYM.002A Possible Reissue Application due 9-17-2015 4 <sup>th</sup> year maintenance fees due 03-17-2017 8 <sup>th</sup> year maintenance fees due 03-17-2021 12 <sup>th</sup> year maintenance fees due 03-17-2025
IRHYM.005A	Skin Abrader	9,173,670	11-03-2015	

Pending Patent Applications

Reference No.	Title	Serial No.	Filing Date	Status
IRHYM.002C2	Device Features and Design Elements for Long-Term Adhesion	13/890144	05-08-2013	Continuation of IRHYM.002C1
IRHYM.003A	Physiological Monitoring Device	14/162656	01-23-2014	
IRHYM.005D1	Skin Abrader	14/831,078	08-20-2015	Divisional of IRHYM.00A, focusing on method claims Prioritized Examination
IRHYM.006A	Wireless Physiological Monitoring Device and Systems	14/929,125	10-30-2015	Prioritized Examination
IRHYM.006A2	Wearable Monitor	14/929121	10-30-2015	Prioritized Examination

EXHIBIT C

Trademarks

Mark	Status	Serial No.	Registration No.
ZIO	Registered	77638879	3897689
MYZIO	Pending	86579939	NA

EXHIBIT D

Mask Works

None.