TRADEMARK ASSIGNMENT COVER SHEET

Stylesheet Version v1.2

ETAS ID: TM370959 Electronic Version v1.1

NATURE OF CONVEYANCE: SECURITY INTEREST

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|-------------------------------|----------|----------------|-----------------------|
| VERAX BIOMEDICAL INCORPORATED | | 12/04/2014 | CORPORATION: DELAWARE |

RECEIVING PARTY DATA

| Name: | Pacific Western Bank (as successor in interest by merger to Square 1 Bank) |
|-------------------|--|
| Street Address: | 406 Blackwell Street |
| Internal Address: | Suite 240 |
| City: | Durham |
| State/Country: | NORTH CAROLINA |
| Postal Code: | 27701 |
| Entity Type: | State Chartered Bank: CALIFORNIA |

PROPERTY NUMBERS Total: 1

| Property Type | Number | Word Mark |
|----------------------|---------|--------------------|
| Registration Number: | 4633203 | PLATELET PGD PRIME |

CORRESPONDENCE DATA

Fax Number: 9193541278

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: 919-314-3086

Email: loandocsdept@square1bank.com

Correspondent Name: Pacific Western Bank Address Line 1: 406 Blackwell Street

Address Line 2: Suite 240

Address Line 4: Durham, NORTH CAROLINA 27701

| NAME OF SUBMITTER: | NICHOLAS NANCE |
|--------------------|---------------------|
| SIGNATURE: | /NICHOLASNANCE-JLT/ |
| DATE SIGNED: | 01/28/2016 |

Total Attachments: 5

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of December 4, 2014 by and between SQUARE 1 BANK ("Bank") and VERAX BIOMEDICAL INCORPORATED, a Delaware corporation ("Grantor").

RECITALS

- **A.** Bank and Grantor have entered into an Intellectual Property Security Agreement dated November 5, 2009. This Amended and Restated Intellectual Property Security Agreement amends and restates such Intellectual Property Security Agreement in its entirety.
- **B.** Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated as of November 5, 2009 (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).
- **C.** Bank is willing to extend and to continue to extend financial accommodations to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.
- **D.** 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 its obligations under the Loan Agreement and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Bank and Grantor, 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 (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof (collectively, "Intellectual Property Collateral").

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan

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Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

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Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

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.

CRANTOR.

| ` | WWW.04 / W WWV |
|--|-------------------------------|
| Address of Grantor: | VERAX BIOMEDICAL INCORPORATED |
| 377 Plantation Street Worcester, MA 01605 | By: File: Ners Lowere 12. |
| | BANK: |
| Address of Bank: | SQUARE I BANK |
| 406 Blackwell Street, Suite 240 Durham, NC 27701 Atto: Loan Documentation Department | By: V/ |

EXHIBIT A

COPYRIGHTS

DescriptionRegistration
NumberRegistration
Date

NONE

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EXHIBIT B

PATENTS

| Description | Registration OR Serial Number | Registration OR Filing Date |
|--|-------------------------------|-----------------------------|
| System for detecting bacteria in blood, blood products and fluids of tissues | 6790661 | 9-14-2004 |
| System for detecting bacteria in blood, blood products and fluids of tissues | 12454475 | 5-18-2009 |
| System for detecting bacteria in blood, blood products and fluids of tissues (ABANDONED) | 10899858 | 7-27-2004 |
| MULTI-ANALYTE ASSAY | 14772657 | 9-3-2015 |
| MULTI-ANALYTE ASSAY | 14433370 | 10-7-2013 |
| | | |

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EXHIBIT C

TRADEMARKS

| Description | Registration/ Application Number | Registration/ Application Date |
|----------------------|----------------------------------|--------------------------------------|
| Design only | 2827468 | 3-30-04 |
| Design only | 2824780 | 3-23-04 |
| Pan Genera Detection | 3225385 | 4-3-07 |
| PGD | 3197073 | 1-9-07 |
| Verax Biomedical | 2892712 | 10-12-04 |
| Verax Biomedical | 2892711 | 10-12-04 |
| PGD | 2914932 | 12-28-04 |
| Design only | 2894507 | 10-19-04 |
| Verax Biomedical | 2892710 | 10-12-04 |
| Pan Genera | 3187734 | 12-19-06 |
| Pan Genera | 3187733 | 12-19-06 |
| Platelet PGD Prime | 4633203 | 11-4-14 |

RECORDED: 01/28/2016

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