

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM378129

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
ABT Molecular Imaging, Inc.		12/11/2015	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Pacific Western Bank		
<b>Street Address:</b>	406 Blackwell Street, Suite 240		
<b>City:</b>	Durham		
<b>State/Country:</b>	NORTH CAROLINA		
<b>Postal Code:</b>	27701		
<b>Entity Type:</b>	National Banking Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 4</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4763174	ABT MOLECULAR IMAGING, INC. DOSE ON DEMA	
<b>Registration Number:</b>	4630067	DOSE ON DEMAND	
<b>Registration Number:</b>	4667877	ABT MOLECULAR IMAGING	
<b>Registration Number:</b>	3759474	ADVANCED BIOMARKER TECHNOLOGIES	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	6175236850		
<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>	6175232700		
<b>Email:</b>	patentdocketing@hklaw.com,Ashley.Ingraham@hklaw.com		
<b>Correspondent Name:</b>	HOLLAND & KNIGHT LLP		
<b>Address Line 1:</b>	10 St. James Avenue		
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02116		
<b>ATTORNEY DOCKET NUMBER:</b>	136144.00017		
<b>NAME OF SUBMITTER:</b>	Susan C. DiNicola		
<b>SIGNATURE:</b>	/Susan C. DiNicola/		
<b>DATE SIGNED:</b>	03/28/2016		
<b>Total Attachments: 6</b>			
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**AMENDED AND RESTATED**  
**INTELLECTUAL PROPERTY SECURITY AGREEMENT**

THIS AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "Agreement") is entered into as of December 11, 2015, by and between PACIFIC WESTERN BANK ("Bank") and ABT MOLECULAR IMAGING, INC., a Delaware corporation ("Grantor").

**RECITALS**

A. Bank and Grantor have entered into that certain Intellectual Property Agreement dated as of December 4, 2015 (the "Existing Agreement").

B. Bank and Grantor have determined that the Intellectual Property Collateral set forth in the Existing Agreement is not complete; accordingly, Bank and Grantor desire to amend and restate the terms of the Existing Agreement in its entirety as stated herein.

**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 the other Loan Documents, Grantor hereby represents, warrants, covenants and agrees as follows:

**AGREEMENT**

To secure its 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 the Intellectual Property Collateral (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.

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 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.

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.

SIGNATURE PAGE FOLLOWS

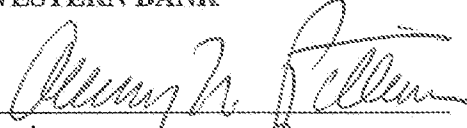
IN WITNESS WHEREOF, each party has caused this Intellectual Property Security Agreement to be duly executed by an officer thereunto duly authorized as of the first date written above.

**BANK:**

**PACIFIC WESTERN BANK**

Address of Bank:

406 Blackwell Street, Suite 240  
Durham, NC 27701

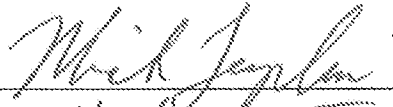
By:   
Name: Ashley N. Pittman  
Title: Vice President

**GRANTOR:**

**ABT MOLECULAR IMAGING, INC.**

Address of Grantor:

3024 Topside Business Park Drive  
Louisville, TN 37777

By:   
Name: Michael Templin  
Title: CEO

[Signature Page to Intellectual Property Security Agreement]

**EXHIBIT A**  
**COPYRIGHTS**

<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>
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N/A

**EXHIBIT B****PATENTS/PATENT APPLICATIONS**

Patent Number	Owner	Title	Filing Date	Status
14/618,795	ABT Molecular Imaging, Inc.	Automated Radiopharmaceutical Production and Quality Control System	10/20/2014	Published on February 5, 2015 under number 2015/0238917
14/618,772	ABT Molecular Imaging, Inc.	Automated Quality Control System for Radiopharmaceuticals	02/10/2015	Published on June 11, 2015 under number 2015/0160171
14/618,732	ABT Molecular Imaging, Inc.	Dose Synthesis Card for Use with Automated Biomarker Production System	02/10/2015	Published on June 11, 2015 under number 2015/0157743
13/446,334	ABT Molecular Imaging, Inc.	Radiopharmaceutical Production System and Quality Control System Utilizing High Performance Liquid Chromatography	04/12/2012	Published on May 23, 2013 under number 2013/0130309
8,937,287	ABT Molecular Imaging, Inc.	Self-Referencing Radiation Detector for Use with a Radiopharmaceutical Quality Control Testing System	04/19/2012	Issued on January 10, 2015
14/604,192	ABT Molecular Imaging, Inc.	Radioisotope Target Assembly	01/23/2015	Published on June 18, 2015 under number 2015/0170775
8,333,952	ABT Molecular Imaging, Inc.	Dose Synthesis Module for Biomarker Generator System	09/23/2009	Issued on December 18, 2012

**EXHIBIT C**  
**TRADEMARKS**

Registration Number	Owner	Mark	Issue Date
4763174	ABT Molecular Imaging, Inc.	ABT Molecular Imaging, Inc. Dose on Demand	April 14, 2015
4630067	ABT Molecular Imaging, Inc.	Dose on Demand	October 28, 2014
4667877	ABT Molecular Imaging, Inc.	ABT Molecular Imaging	January 6, 2015
3759474	ABT Molecular Imaging, Inc.	Advanced Biomarker Technologies	March 9, 2015