

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM299378

<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>
ARTERIOCYTE MEDICAL SYSTEMS, INC.		03/20/2014	CORPORATION: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	ESCALATE CAPITAL PARTNERS SBIC I, L.P.		
<b>Street Address:</b>	300 West Sixth Street		
<b>Internal Address:</b>	Suite 2300		
<b>City:</b>	Austin		
<b>State/Country:</b>	TEXAS		
<b>Postal Code:</b>	78701		
<b>Entity Type:</b>	LIMITED PARTNERSHIP: DELAWARE		
<b>PROPERTY NUMBERS Total: 7</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	2900650	MAGELLAN	
<b>Registration Number:</b>	3854317	ARTERIOCYTE MEDICAL SYSTEMS	
<b>Registration Number:</b>	3693938	STEM-PREP	
<b>Registration Number:</b>	3693939	SPORT-PREP	
<b>Registration Number:</b>	3779173	EQUINE-STEM	
<b>Serial Number:</b>	77921667	MARO1	
<b>Serial Number:</b>	77921719	MARO1	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2147581550		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	214-758-1500		
<b>Email:</b>	shernandez@pattonboggs.com		
<b>Correspondent Name:</b>	AARON PICKELL		
<b>Address Line 1:</b>	2000 McKinney Avenue, Suite 1700		
<b>Address Line 2:</b>	PATTON BOGGS LLP		
<b>Address Line 4:</b>	DALLAS, TEXAS 75201		
<b>ATTORNEY DOCKET NUMBER:</b>	023854.0158		

CH \$190.00 2900650

<b>NAME OF SUBMITTER:</b>	Aaron Pickell
<b>SIGNATURE:</b>	/Aaron Pickell/
<b>DATE SIGNED:</b>	03/27/2014
<b>Total Attachments: 8</b> source=Intellectual Property Security Agreement#page1.tif source=Intellectual Property Security Agreement#page2.tif source=Intellectual Property Security Agreement#page3.tif source=Intellectual Property Security Agreement#page4.tif source=Intellectual Property Security Agreement#page5.tif source=Intellectual Property Security Agreement#page6.tif source=Intellectual Property Security Agreement#page7.tif source=Intellectual Property Security Agreement#page8.tif	

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of March 20, 2014 by and between ESCALATE CAPITAL PARTNERS SBIC I, L.P. ("**Lender**"), and ARTERIOCYTE MEDICAL SYSTEMS, INC., a Delaware corporation ("**Borrower**").

### RECITALS

Lender has agreed to make certain advances of money and to extend certain financial accommodations to Borrower under that certain Loan and Security Agreement by and between Lender and Borrower dated of even date herewith (as amended, restated, or otherwise modified from time to time, the "**Loan Agreement**"). Capitalized terms used herein are used as defined in the Loan Agreement. Pursuant to the terms of the Loan Agreement, Borrower has granted to Lender a security interest in its personal property.

NOW, THEREFORE, Borrower agrees as follows:

### AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Borrower and Lender, Borrower grants to Lender a security interest in all of Borrower's right, title and interest in, its Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B, and C hereto) and 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 amendments, renewals and extensions thereof. Borrower represents and warrants that Schedules A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Borrower has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

*[Signature page follows.]*

Address of Borrower:

45 South Street, #3  
Hopkinton, MA 01748

**BORROWER:**

ARTERIOCYTE MEDICAL SYSTEMS, INC.,  
a Delaware corporation

By: 

Name: John Mitchell

Title: Chief Financial Officer

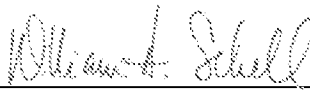
Address of Lender:

300 West Sixth Street  
Suite 2300  
Austin, Texas 78701

**LENDER:**

ESCALATE CAPITAL PARTNERS SBIC I, L.P.,  
a Delaware limited partnership

By: Escalate SBIC Capital Management, LLC,  
its general partner

By: 

Name: William A. Schell

Title: Member

SCHEDULE A  
Copyrights

None.

SCHEDULE B  
Patents

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Tubing Clamps for Blood Separating Apparatus	5,769,385	6/23/98
Centrifuge Bowl Housing and Latch for Blood Separation Apparatus	5,855,773	1/5/99
Method and Apparatus for Sequestering Platelet Rich Plasma	6,475,175	11/5/02
Rotary Plate and Bowl Clamp for Blood Centrifuge	5,851,169	12/22/98
Autologous Fibrin Sealant and Method for Making the Same	6,444,228	9/3/02
System for the Production of an Autologous Thrombin	6,719,901	4/13/04
Autologous Platelet Gel Delivery System	6,942,639	9/13/05
System and Method for the Production of Autologous Platelet Gel	6,596,180	7/22/03
Autologous Fibrin Sealant and Method for Making the Same	6,830,762	12/14/04
Method for the Production of a Blood Component Composition	6,899,813	5/31/05
Methods of Applying a Biological Composition to an Individual	7,838,039	11/23/10
Autologous Platelet Gel Spray Delivery System	7,934,603	5/3/11
Methods of Applying a Biological Composition to an Individual	8,303,993	11/6/12
Autologous Fibrin Sealant and Method for Making the Same	7,811,607	10/12/10
Method for the Production of a Blood Component Composition	7,413,652	8/19/08
Method for Making Autologous Fibrin Sealant	29723807 De	11/4/99
System for the Production of Autologous Platelet Gel	1420833 De, It, Gb, Fr,	6/9/10
Mechanism for Fixing a Blood Centrifuge Bowl to a Rotating Spindle	5,964,690	10/12/99
Mechanism for Fixing a Blood Centrifuge Bowl to a Rotating Spindle	4187273 Jp	9/19/08
System and Method for Automated Separation of Blood Components	6,790,371	9/14/04
System for Automated Separation of Fluid Components	6,887,371	5/3/05
Microcentrifuge and Drive Therefore	1423204 De, Fr, Gb, It	7/21/10
Microcentrifuge and Drive Therefore	EP 2266705	

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Methods of Isolating Blood Components Using a Microcentrifuge and Uses Thereof	6,890,728	5/10/05
Autologous Platelet Gel Having Beneficial Geometric Shapes and Methods of Making the Same	6,942,880	9/13/05
Centrifuge Bag and Methods of Use	6,579,219	6/17/03
Flexible Centrifuge Bag and Methods of Use	7,897,054	03/01/11
Blood Centrifuge with Enhanced Internal Drive Assembly	6,612,975	9/2/03
Hard Shell Disposable Reservoir Having Complex Internal Design for Use in a Centrifuge	6,596,181	7/22/03
Blood Centrifuge Having Overhanging Disposable Blood Container	6,951,612	10/4/05
Centrifuge Container Having Curved Linear Shape	6,582,350	6/24/03
Blood Centrifuge Having Clamshell Blood Reservoir Holder with Index Line	7,347,948	3/25/08
Blood Centrifuge Having Clamshell Blood Reservoir with Index Line	7,811,463	10/12/10
Blood Centrifuge with Exterior Mounted, Self-Balancing Collection Chambers	6,589,153	7/8/03
Method of Separating and Collecting Components from a Fluid	6,793,828	9/21/04
Blood Centrifuge with Exterior Mounted, Self-Balancing Collection Chambers	1436089 De, Gb, Fr, It, Gr	10/15/09
Provisional - Multiple Fluid Ratio Dispenser	Converted to non-provisional and abandoned	6/14/02
Multiple Ratio Fluid Dispenser	6,936,033	8/30/05
Multiple Ratio Fluid Dispenser	7,604,626	10/20/09
Multiple Ratio Fluid Dispenser	7,883,501	2/8/11
Centrifuge System Utilizing Disposable Components and Automated Processing of Blood to Collect Platelet Rich Plasma	7,252,758	8/7/07
Centrifuge System Utilizing Disposable Components and Automated Processing of Blood to Collect Platelet Rich Plasma	7,306,555	12/11/07
Centrifuge System Utilizing Disposable Components and Automated Processing of Blood to Collect Platelet Rich Plasma	7,867,159	1/11/11
Centrifuge System and Automated Processing of Blood	1531941 De, Gb, Fr, It	11/24/10
Fibrin Sealants and Platelet Concentrates Applied to Effect Hemostasis at the Interface of an Implantable Medical Device with Body Tissue	11/282,276	11/18/05
Fluid Dispenser	8,088,099	1/3/12



<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Composition and Methods of Preparation Thereof	11/796,045	4/26/07

SCHEDULE C  
Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Magellan	2,900,650	11/2/04
Arteriocyte Medical System	3,854,317	9/28/10
Stem-Prep	3,693,938	10/6/09
Sport-Prep	3,693,939	10/6/09
Equine-Stem	3,779,173	4/20/10
Mar01	77921667	1/27/09
Mar01	77921719	1/27/09