

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYAN PRIORE	11/06/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHEMIMAGE CORPORATION
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<b>Postal Code:</b>	15208
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14440987
<b>Application Number:</b>	61848242
<b>PCT Number:</b>	US2013068671
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<b>NAME OF SUBMITTER:</b>	MICHAEL A. MILLER, REG. NO. 50732
<b>SIGNATURE:</b>	/Michael A. Miller/
<b>DATE SIGNED:</b>	11/10/2015
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, I, RYAN PRIORE (hereinafter "Assignor"), am an inventor of a certain new and useful invention(s) as set forth and disclosed in the patent application(s) listed in Schedule A attached hereto (hereinafter the "Invention");

WHEREAS, CHEMIMAGE CORPORATION, having an address of 7301 Penn Avenue, Pittsburgh, Pennsylvania 15208 (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, effective as of at least November 6, 2012, and does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, Assignor's entire right, title and interest in and to said Invention as set forth in the scheduled application(s), including any applications which claim priority to the scheduled application(s), any application(s) to which the scheduled application(s) claim priority, and any continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention;

AND for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns all rights to claim priority rights deriving from the Invention and scheduled application(s); all causes of action and remedies related to the Invention and scheduled application(s) (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and any and all other rights and interests arising out of, in connection with, or in relation to the Invention and scheduled application(s).

UPON SAID CONSIDERATION, Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making application for or obtaining original patents or applications, continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, for said Invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee.

The undersigned hereby grant(s) the firm of PEPPER HAMILTON LLP the power to insert on this Assignment any further identification, including the country, application





SCHEDULE A

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>Inventor</u>
US	61/796,268	November 6, 2012	SYSTEM AND METHOD FOR SERUM BASED CANCER DETECTION	Ryan PRIORE SHONA STEWART Heather KIRSCHNER
US	61/797,686	December 13, 2012	SYSTEM AND METHOD FOR SERUM BASED CANCER DETECTION, STAGING, AND POLYP DISCRIMINATION	Ryan PRIORE SHONA STEWART Heather KIRSCHNER Alan WILSON
US	61/848,242	December 28, 2012	CALIBRATION TRANSFER FUNCTION FOR BIOLOGICAL MATERIALS	Shona STEWART Heather KIRSCHNER Ryan PRIORE
US	61/765,524	February 15, 2013	SYSTEM AND METHOD FOR DETERMINING DISEASE STAGE USING RAMAN MOLECULAR IMAGING	Ryan PRIORE SHONA STEWART Heather KIRSCHNER Alan WILSON
WO	PCT/US2013/068671	November 6, 2013	SYSTEM AND METHOD FOR SERUM BASED CANCER DETECTION	SHONA STEWART Shona STEWART Heather KIRSCHNER Ryan PRIORE Alan WILSON
US	14/440,987	May 6, 2015	SYSTEM AND METHOD FOR SERUM BASED CANCER DETECTION	SHONA STEWART Shona STEWART Heather KIRSCHNER Ryan PRIORE Alan WILSON
JP	2015-541874	November 6, 2013	SYSTEM AND METHOD FOR SERUM BASED CANCER DETECTION	SHONA STEWART Shona STEWART Heather KIRSCHNER Ryan PRIORE Alan WILSON
CA	2,890,437	November 6, 2013	SYSTEM AND METHOD FOR SERUM BASED CANCER DETECTION	SHONA STEWART Shona STEWART Heather KIRSCHNER Ryan PRIORE Alan WILSON