

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	504906686
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HYPERMED, INC.	03/08/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HYPERMED IMAGING, INC.
<b>Street Address:</b>	1811 SILVERSIDE ROAD
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19810
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15709381
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)442-1001
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<b>ATTORNEY DOCKET NUMBER:</b>	011651-5001-US13
<b>NAME OF SUBMITTER:</b>	MELISSA B. GARRIGAN
<b>SIGNATURE:</b>	/Melissa B. Garrigan/
<b>DATE SIGNED:</b>	10/04/2018
<b>Total Attachments: 4</b>	
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source=0116515001US13_Assignment#page2.tif	
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source=0116515001US13_Assignment#page4.tif	

ASSIGNMENT

WHEREAS, HyperMed, Inc., is a corporation incorporated under the laws of Delaware, USA (hereinafter the "ASSIGNOR"), is the owner of record and assignee of interest of the inventions set forth in each patent and pending patent application listed on Appendix A hereto (the "PATENTS");

WHEREAS, Hypermed Imaging, Inc. <sup>RAL 9/25/2018</sup> (~~HyperSpectral Imaging, Inc.~~) is a corporation incorporated under the laws of Delaware, USA, with an address at 1811 Silverside Road, Wilmington, Delaware 19810 (the "ASSIGNEE");

WHEREAS, ASSIGNOR and ASSIGNEE have entered into that certain Asset Purchase Agreement, dated as of December 21, 2009 ("Asset Purchase Agreement"), pursuant to which ASSIGNOR acknowledges and agrees that it has assigned the PATENTS to ASSIGNEE; and

WHEREAS, ASSIGNEE desires to acquire, and ASSIGNOR desires to assign, all of ASSIGNOR's title, right and interest in, to and under said inventions and PATENTS:

NOW, THEREFORE, be it known to all whom it may concern:

THAT for good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has and does hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in, to and under the said inventions, and the said U.S. and foreign Patents and U.S. and foreign Patent Applications listed on Appendix A, attached hereto and incorporated herein by reference, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations and extensions thereof, and in and to any and all letters patents to be granted and issued therefor, to and in the United States of America, its territories and possessions, and in any and all countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said U.S. and foreign Patents and U.S. and foreign Patent Applications listed on Appendix A under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable;

AND the said ASSIGNOR HEREBY authorizes and requests that the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this assignment;

AND the said ASSIGNOR HEREBY further covenants and agrees that it will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to it respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries; and

AND this Assignment may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument.

[SIGNATURE PAGES FOLLOW]

This 8<sup>th</sup> day of February, 2011.

Rick A. Lifsz  
ASSIGNOR: HyperMed, Inc.  
By: Rick A. Lifsz  
Printed Name: Rick Lifsz  
Title: Company Director

RAL  
9/25/2010

STATE OF MASSACHUSETTS

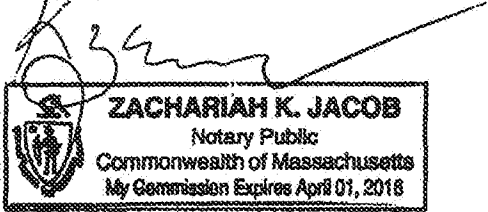
COUNTY OF NORFOLK

On 3/8/, 2011 before me, Zachariah Jacob, Notary Public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Massachusetts that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature (Seal)



ASSIGNEE: Hypermed Imaging, Inc.

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

Printed Name: Douglas Lind

Title: President

STATE OF CONNECTICUT

COUNTY OF FAIRFIELD

On \_\_\_\_\_, 2011 before me, \_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Connecticut that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

**APPENDIX A**

File Reference No.	Region	Application No.	Filed Date	Publication No.	Patent No.	Title
8118.002.US00	US		2005-08-30		6937885	Multispectral/Hyperspectral Medical Instrument
8118.002.USDV	US	11/165,587	2005-06-24			Multispectral/Hyperspectral Medical Instrument
8118.002.PCTOO	PCT	PCT/US98/22961	1998-10-30			Multispectral/Hyperspectral Medical Instrument
8118.002.AU00	AU	751456 (12874/99)	1998-10-30			Multispectral/Hyperspectral Medical Instrument
8118.002.EP00	EP	98956323.4 EP1026983 (AZ)	1998-10-30			Multispectral/Hyperspectral Medical Instrument
8118.002.CA00	CA		1998-10-30		2308375	Multispectral/Hyperspectral Medical Instrument
8118.002.JPO000	JP	2000-518589	1998-10-30			Multispectral/Hyperspectral Medical Instrument
8118.003.US00	US		1999-09-02		6741884	Infrared Endoscopic Balloon Probes
8118.003.USDV	US	10/753,871 divisional	2004-01-09			Infrared Endoscopic Balloon Probes
8118.004.US00	US		2000-07-03		6640130	Integrated Imaging Methods
8118.004.USDV	US	10/678,651	2003-10-06			Integrated Imaging Methods
8118.004.PCTOO	Int'l	PCT/US00/18221	2000-07-03	WO 01/01854		Integrated Imaging Methods
8118.004.CA00	CA		2000-07-03		2374040	Integrated Imaging Methods
8118.004.EP00	EP	94361.6 EP1196081 (AZ)	2000-07-03			Integrated Imaging Methods
8118.004.AU00	AU	57839/00	2000-07-03			Integrated Imaging Methods
8118.004.JPO0	JP	2001-507361	2000-07-03			Integrated Imaging Methods
8118.005.US00	US		2001-11-07		6810279	Hyperspectral Imaging Calibration Device
8118.005.USDV	US		2004-07-22		7013172	Hyperspectral Imaging Calibration Device
8118.006.US00	US		2000-11-17		6640132	Forensic Hyperspectral Instrument
8118.006.USCN	US	10/654,608	2003-09-04			Forensic Hyperspectral Instrument
8118.007.US00	US	11/184,082	2005-07-19			Device and Method of Balloon Endoscopy
8118.011.US00	US	11/319,225	2005-12-28			Hyperspectral/Multispectral Imaging in and of Determination, Assessment Monitoring Systemic Physiology and Shock
8118.011.PCTOO	Int'l	PCT/US05/46919	2005-12-28			Hyperspectral/Multispectral Imaging in and of Determination, Assessment Monitoring Systemic Physiology and Shock
8118.011.PCAUO	AU	2005327078	2005-12-28			Hyperspectral/Multispectral Imaging in and of Determination, Assessment Monitoring Systemic Physiology and Shock
8118.011.PCCAO	CA	2592691	2005-12-28			Hyperspectral/Multispectral Imaging in and of Determination, Assessment Monitoring Systemic Physiology and Shock
8118.011.PCCNO	China	200580048789.7	2005-12-28			Hyperspectral/Multispectral Imaging in and of Determination, Assessment Monitoring Systemic Physiology and Shock
8118.011.PCEPO	EP	05857613.3 EP 1835845 (AZ)	2005-12-28			Hyperspectral/Multispectral Imaging in and of Determination, Assessment Monitoring Systemic Physiology and Shock

File Reference No.	Region	Application No.	Filed Date	Publication No.	Patent No.	Title
8118.011.PCJPOO	JP	2007549525	2005-12-28			Hyperspectral/Multispectral Imaging in and of Determination, Assessment Monitoring Systemic Physiology and Shock
8118.012.USOO	US	11/288,410	2005-11-29			Medical Hyperspectral Imaging for Evaluation of Tissue and Tumor Hyperspectral Imaging in Medical Applications
8118.012.PCTOO	US	PCT/US05/042986	2005-11-29	WO2006/058306		Hyperspectral Imaging in Medical Applications
8118.012.CA00	CA		2005-11-29		2631564	Hyperspectral Imaging in Medical Applications
8118.013.USOO	US	11/396,941	2006-04-04			Hyperspectral Imaging in Diabetes and Peripheral Vascular Disease
8118.013.PCTOO	Int'l	PCT/US06/012461	2006-04-04			Hyperspectral Imaging in Diabetes and Peripheral Vascular Disease
8118.013.USCP	US	11/689,783	2007-03-22			Hyperspectral Imaging in Diabetes and Peripheral Vascular Disease
8118.013.PCCA	CA		2006-04-04		2604829	Hyperspectral Imaging in Diabetes and Peripheral Vascular Disease
8118.014.USOO	US	11/507,043	2006-08-21			Hyperspectral Technology for Assessing and Treating Diabetic Foot and Tissue Disease
8118.014.PCT	Int'l	PCT/US06/32593	2006-08-21			Hyperspectral Technology for Assessing and Treating Diabetic Foot and Tissue Disease
8118.014.PCCA	CA		2006-08-21		2656016	Hyperspectral Technology for Assessing and Treating Diabetic Foot and Tissue Disease
8118.015.USOO	US	11/522,529	2006-09-18			Disposable Calibration-Fiducial Mark for Hyperspectral Imaging
8118.015.PCT	Int'l	PCT/US06/036223	2006-09-18			Disposable Calibration-Fiducial Mark for Hyperspectral Imaging
8118.015.CA	CA		2006-09-18		2622838	Disposable Calibration-Fiducial Mark for Hyperspectral Imaging
8118.015.EP	EP	6803755.5 EP19321262(AZ)	2006-09-18			Disposable Calibration-Fiducial Mark for Hyperspectral Imaging
8118.018.US	US	11/692,131	2007-03-27			Hyperspectral Imaging of Angiogenesis
8118.027 US	US	61/037,780	2008-03-18			Miniaturized Multispectral Imager for real-time Tissue Oxygenation Measurement
8118.027.US	US	12/407,633	2009-03-19			Miniaturized Multispectral Imager for real-time Tissue Oxygenation Measurement