PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK GRISWOLD	05/27/2015
ANAGHA DESHMANE	05/26/2015
JEFFREY SUNSHINE	05/20/2015

RECEIVING PARTY DATA

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City:	CLEVELAND	
State/Country:	ОНЮ	
Postal Code:	44106	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14682142

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2014-2660
NAME OF SUBMITTER:	JOHN KALNAY
SIGNATURE:	/John Kalnay/
DATE SIGNED:	06/02/2015

Total Attachments: 6

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PATENT ASSIGNMENT	Docket No.:	2014-266
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IMILINI	Abbigivitativi	DOCKET 10.: <u>2011 2000</u>	
I, Mark Griswold ("ASSIGN subject matter ("INVENTION") "Distinguishing Diseased Tissue Using Magnetic Resonance Finge	disclosed and/or claimed i From Healthy Tissue Based	On Tissue Component Fractions	
legal representative LEGAL REPRESE following Office	GNOR hereby authorizes, ares, of the Law Office of JT K INTATIVES), to insert here and given Application No ng date, and Office, when kno	alnay, LLC (ASSIGNEE'S in parentheses (filed on by the) this APPLICATION's	
was filed on April 9 the following Office	<u>, 2015</u> and was given Applica " <u>United States Patent and T</u>	ation No <u>14/682,142</u> by rademark Office";	
Case Western Reserve University, 10900 Euclid Avenue, Cleveland, Ohio, 44106, behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));			
REPRESENTATIVES to insert the	Application No., filing date,	ests, ASSIGNEE'S LEGAL and Office into the following table	
for any APPLICATION DERIVATIVE Application No.	Filing Date	Office	
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES); ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).			
		,	
	- 5	Ton La	
Inventor's Signature	Date //	2/15	
Mark Griswold	d.	97 <i>]</i>	

PATENT ASSIGNMENT

Docket No.: 2014-2660

Printed Name in English

Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT Docket No.: 2014-2660

Page 1 of 2

PATENT ASSIGNMENT Docket No.: 2014-2660

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

A all Dal	-/2//2017
Inventor's Signature	
Anagha Deshmane	i
Printed Name in English	Printed Name in Native Language
	(if other than English)

Docket No.: 2014-2660 PATENT ASSIGNMENT I, Jeffrey Sunshine ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Distinguishing Diseased Tissue From Healthy Tissue Based On Tissue Component Fractions Using Magnetic Resonance Fingerprinting (MRF)" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law Office of JT Kalnay, LLC (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on __ and given Application No.) this APPLICATION's following Office Application No., filing date, and Office, when known; was filed on April 9, 2015 and was given Application No 14/682,142 by the following Office "United States Patent and Trademark Office"; Case Western Reserve University, 10900 Euclid Avenue, Cleveland, Ohio, 44106, behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")): ASSIGNEE'S LEGAL authorizes. and requests, ASSIGNOR hereby REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Office Application No. Filing Date For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES); ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Jeffrey Sunshine

Inventor's Signature

Date 5/20/2015

Page 1 of 2

PATENT ASSIGNMENT

Docket No.: 2014-2660

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Page 2 of 2

PATENT REEL: 035768 FRAME: 0138