

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5961515

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUNG-CHIEH YU	09/29/2006
CONDON LAU	09/29/2006
STEPHEN FULGHUM	02/12/2020
CHRISTOPHER FANG-YEN	10/02/2006
RAMACHANDRA R. DASARI	10/02/2006
MICHAEL S. FELD	10/12/2006
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	9433351
CORRESPONDENCE DATA	
Fax Number:	(617)607-9200
<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>	
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Email:	gellis@mccarter.com
Correspondent Name:	MCCARTER & ENGLISH, LLP
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Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	122288-04702
NAME OF SUBMITTER:	NATHAN D. HARRISON
SIGNATURE:	/Nathan D. Harrison/
DATE SIGNED:	02/13/2020
Total Attachments: 9	

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[MAIT-046XX]

PATENT

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we

Chung-Chieh Yu;
Condon Lau;
Christopher Fang-Yen;
Ramachandra R. Dasari; and
Michael S. Feld,

hereby sell and assign to MASSACHUSETTS INSTITUTE OF TECHNOLOGY a Massachusetts corporation, having a principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention(s) in

TRI MODAL SPECTROSCOPIC IMAGING

and the United States Provisional Patent Application therefor filed on July 25, 2005, Application No. 60/702,246, and U.S. Application No. 11/492,298 filed on July 25, 2006, and International Application No. PCT/US2006/28834 filed on July 25, 2006, and any such patents as may issue thereon, and all divisions, reissues and continuations thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said MASSACHUSETTS INSTITUTE OF TECHNOLOGY, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said MASSACHUSETTS INSTITUTE OF TECHNOLOGY, its successors and assigns, to obtain and enforce proper patent protection for said invention(s) in the United States, its territories and all foreign countries.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to MASSACHUSETTS INSTITUTE OF TECHNOLOGY, its successors and assigns.

[MAIT-046XX]

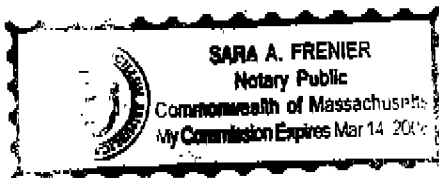
IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Chung-Chieh Yu
Chung-Chieh Yu

Date: 09/29/2006

State of Massachusetts)
) ss.
County of Middlesex)

Subscribed and sworn to before me by the above-named Chung-Chieh Yu this 29 day of September, 2006.



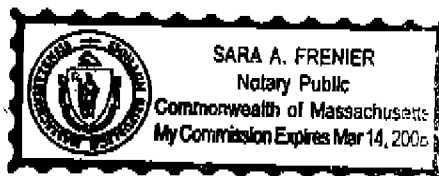
Sara A. Frenier
Notary Public

My Commission Expires:

March 14, 2008

(Seal)

AP



[MAIT-046XX]

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

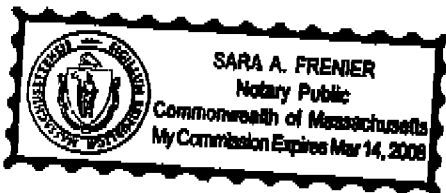


Condon Lau

Date: Sept. 29, 2006

State of Massachusetts)
County of Middlesex) ss.

Subscribed and sworn to before me by the above-named Condon Lau this 29th day of September, 2006.





Notary Public

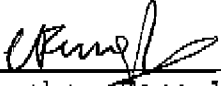
My Commission Expires:

March 14, 2008

(Seal)

[MAIT-046XX]

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.


Christopher Fang-Yen

Date: 10/2/06

State of Massachusetts

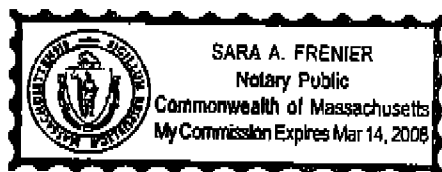
)
) ss.

County of Middlesex

)

Subscribed and sworn to before me by the above-named Christopher Fang-Yen this 2 day of October, 2006.


Notary Public



My Commission Expires:

March 14, 2008

(Seal)

[MAIT-046XX]

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

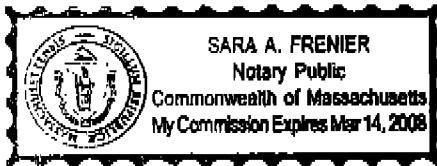
Ramachandra R. Dasari
Ramachandra R. Dasari

Date: 10/02/06

State of Massachusetts
County of Middlesex

)
) ss.
)

Subscribed and sworn to before me by the above-named Ramachandra R. Dasari this 2 day of October, 2006.



Sara A. Frenier
Notary Public

My Commission Expires:

March 14, 2008

(Seal)

[MAIT-046XX]

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

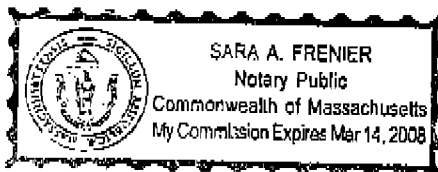
Michael S Feld
Michael S. Feld

Date: 10/12/06

State of Massachusetts)
County of Middlesex) ss.

Subscribed and sworn to before me by the above-named Michael S. Feld this 12 day of October, 2006.

Sara A. Frenier
Notary Public



My Commission Expires:

March 14, 2008

(Seal)

341074.1

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, Massachusetts 02139
United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

TRI-MODAL SPECTROSCOPIC IMAGING

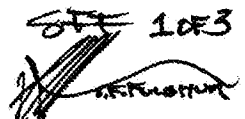
as set forth in the following Patent Applications:

U.S. Patent Application No. 13/464,578, filed May 4, 2012
U.S. Patent Application No. 11/492,298, filed July 25, 2006

which claim the benefit of the following application:

United States Provisional Application No. 60/702,246, filed July 25, 2005

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

OFF 1053


ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

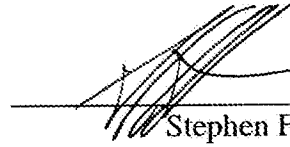
ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

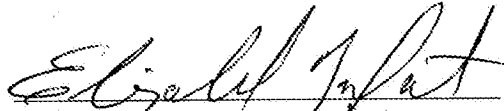
SFF 2053
S.F. FULANON

Executed this 12TH day of FEBRUARY, 2020.


S. F. FULGHUM
Stephen Fulghum

115 FLAT TOP MOUNTAIN ROAD
FAIRVIEW, NC 28730-9693

Witness Signature



Date: 2-12-20

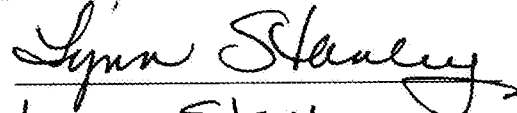
Print Witness Name

Elizabeth Truitt

Address

1185-F Chedlott Hwy
Fairview, NC 28730

Witness Signature



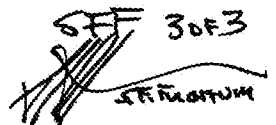
Date: 2-12-2020

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Address

115 Flat Top Mountain Rd.
Fairview, NC 28730

STF 30F3

S. F. FULGHUM