

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lifeng Yu</td> <td>06/24/2011</td> </tr> <tr> <td>Armando Manduca</td> <td>06/23/2011</td> </tr> <tr> <td>Joshua Trzasko</td> <td>06/23/2011</td> </tr> <tr> <td>Joel G. Fletcher</td> <td>06/22/2011</td> </tr> </tbody> </table>		Name	Execution Date	Lifeng Yu	06/24/2011	Armando Manduca	06/23/2011	Joshua Trzasko	06/23/2011	Joel G. Fletcher	06/22/2011
Name	Execution Date										
Lifeng Yu	06/24/2011										
Armando Manduca	06/23/2011										
Joshua Trzasko	06/23/2011										
Joel G. Fletcher	06/22/2011										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Mayo Foundation for Medical Education and Research</td> </tr> <tr> <td><b>Street Address:</b></td> <td>200 First Street SW</td> </tr> <tr> <td><b>City:</b></td> <td>Rochester</td> </tr> <tr> <td><b>State/Country:</b></td> <td>MINNESOTA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>55905</td> </tr> </table>		<b>Name:</b>	Mayo Foundation for Medical Education and Research	<b>Street Address:</b>	200 First Street SW	<b>City:</b>	Rochester	<b>State/Country:</b>	MINNESOTA	<b>Postal Code:</b>	55905
<b>Name:</b>	Mayo Foundation for Medical Education and Research										
<b>Street Address:</b>	200 First Street SW										
<b>City:</b>	Rochester										
<b>State/Country:</b>	MINNESOTA										
<b>Postal Code:</b>	55905										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13145461</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13145461						
Property Type	Number										
Application Number:	13145461										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (414)978-8650  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 414-277-5187        Email: michelle.davis@quarles.com</p> <p>Correspondent Name: Michelle L. Davis        Address Line 1: 411 E. Wisconsin Ave.        Address Line 2: Quarles &amp; Brady LLP        Address Line 4: Milwaukee, WISCONSIN 53202</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	630666.00321										
<b>NAME OF SUBMITTER:</b>	Jonathan D. Stone										
Total Attachments: 5											

CH \$40.00 13145461

**501600934**

**PATENT**  
**REEL: 026623 FRAME: 0715**

source=assignment#page1.tif  
source=assignment#page2.tif  
source=assignment#page3.tif  
source=assignment#page4.tif  
source=assignment#page5.tif

**ASSIGNMENT**

WHEREAS, WE, Lifeng Yu of Rochester, MN; Armando Manduca of Rochester, MN; Joshua Trzasko of Rochester, MN and Joel G. Fletcher of Oronoco, MN, have made certain inventions which are described in United States Provisional Application No. 61/154,130, filed on February 20, 2009 and in International Application No. PCT/US2010/024800, filed on February 19, 2010, entitled Projection-Space Denoising with Bilateral Filtering in Computed Tomography, executed by us on even dates herewith preparatory to obtaining United States Letters Patent therefore, and

WHEREAS, Mayo Foundation for Medical Education and Research (hereinafter referred to as said Company), a Minnesota corporation having a place of business at 200 First Street SW, Rochester Minnesota 55905 is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the inventors hereby assign and transfer unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof, for all foreign countries and under all international agreements in and to said inventions, the aforesaid application, all other applications hereafter filed in the United States, in any other country, or under any international agreement based in whole or in part on said inventions, and all Letters Patents granted upon said applications by the United States, by any other country or under any international agreement, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Company. We further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries or between any other countries.

We hereby warrant that we have the full right to make the conveyance herein, and we hereby covenant that we, our heirs, legal representatives and assigns, will when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign or international applications, together with individual assignments therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals at the location and on the date indicated with our signatures.

Signature: *Yufeng* STATE OF: Minnesota  
 Name: Lifeng Yu COUNTY OF: Olmsted  
 Address: ~~1728 Quarry Ridge NW #323~~ 5854 Burke Trail  
~~Rochester, MN 55901~~ Inner Grove Heights, MN 55076 (LY)  
 Date: 6/24/2011

Before me on this 24 day of June, 2011, came Lifeng Yu, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)



*Kathleen L DeBoer*  
 Notary Public,  
 State of Minnesota  
 My Commission Expires: 1/31/2015

Signature: Armando Manduca  
Name: Armando Manduca  
Address: 7023 Indigo Ct., NW  
Rochester, MN 55901  
Date: 6/23/11

STATE OF: Minnesota  
COUNTY OF: Olmsted

Before me on this 23 day of June, 2011, came Armando Manduca, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)



Mary C. Goltz  
Notary Public,  
State of MN  
My Commission Expires: 1-31-2015

Signature: [Signature]STATE OF: MinnesotaName: Joshua TrzaskoCOUNTY OF: OlmstedAddress: 5100 Weatherstone Drive NWRochester, MN 55901Date: 6/23/11

Before me on this 23 day of June, 2011, came Joshua Trzasko, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

[Signature]

Notary Public,

State of MNMy Commission Expires: 1-31-2015

Signature: Joel G. Fletcher  
Name: Joel G. Fletcher  
Address: 615 Sunnyview Lane SW  
Oronoco, MN 55960  
Date: 22 June 2011

STATE OF: Minnesota  
COUNTY OF: Olmsted

Before me on this 22 day of June, 2011, came Joel G. Fletcher, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.



Kathleen L DeBoer  
Notary Public,  
State of Minnesota  
My Commission Expires: 1/31/2015