

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ayman S. El-Baz</td> <td>03/15/2013</td> </tr> <tr> <td>Matthew Nitzken</td> <td>03/15/2013</td> </tr> <tr> <td>Manuel F. Casanova</td> <td>03/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ayman S. El-Baz	03/15/2013	Matthew Nitzken	03/15/2013	Manuel F. Casanova	03/15/2013
Name	Execution Date								
Ayman S. El-Baz	03/15/2013								
Matthew Nitzken	03/15/2013								
Manuel F. Casanova	03/15/2013								
RECEIVING PARTY DATA									
Name:	University of Louisville Research Foundation, Inc.								
Street Address:	Office of Technology Transfer, MedCenter Three								
Internal Address:	201 East Jefferson Street, Suite 215								
City:	Louisville								
State/Country:	KENTUCKY								
Postal Code:	40202								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13834231</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13834231				
Property Type	Number								
Application Number:	13834231								
CORRESPONDENCE DATA									
Fax Number:	5132416234								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Correspondent Name:	Scott A. Stinebruner								
Address Line 1:	Wood, Herron & Evans, LLP								
Address Line 2:	441 Vine Street - Suite 2700								
Address Line 4:	Cincinnati, OHIO 45202								
ATTORNEY DOCKET NUMBER:	UOFL/23US								
NAME OF SUBMITTER:	Scott A. Stinebruner								
Signature:	/Scott A. Stinebruner/								

PATENT

Date:

04/03/2013

Total Attachments: 6

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source=UOFL-23US_Declaration-Assignment_Casanova#page1.tif

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

Title of Invention: COMPUTER AIDED DIAGNOSTIC SYSTEM INCORPORATING 3D
SHAPE ANALYSIS OF THE BRAIN FOR IDENTIFYING DEVELOPMENTAL BRAIN
DISORDERS

As the below named inventor, I hereby declare that:

This Declaration is directed to:

☒ The attached application

OR

☐ United States Application Number or PCT International Application
Number _____ filed on _____

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed
invention in the above-identified application.

I have reviewed and understand the contents of the above-identified application,
including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark
Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions,
improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-
identified patent application.

Whereas, UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.,
a corporation of the state of KENTUCKY having a place of business at Office of Technology
Transfer; MedCenter Three, 201 East Jefferson Street, Suite 215, Louisville KY 40202 (herein
referred to as the "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to
grant to the ASSIGNEE, the entire worldwide right, title, and interest in and to the Invention and
in and to any and all patent applications and patents directed thereto;

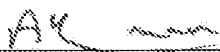
Now, therefore, for good and valuable consideration, the receipt
and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR")
hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the
ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title,
and interest in and to the Invention, the above-identified United States patent application, and
any and all other patent applications and patents for the Invention which may be applied for or
granted therefor in the United States and in all foreign countries and jurisdictions, including all
divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts,
substitutes, and extensions thereof, and all rights of priority resulting from the filing of such

applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of Inventor: Ayman S. El-Baz

Inventor's Signature: 

Date: 3/15/13

Residence City/State/
Country:

Louisville, KY, United States of America

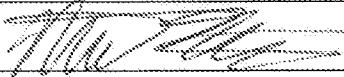
Mailing Address:

2202 James Guthrie Court, Apt. #4
Louisville, Kentucky 40241

Citizenship:

Egypt

Legal name of Inventor: Matthew Nitzken

Inventor's Signature: 

Date: 3/15/2013

Residence City/State/
Country:

Louisville, KY, United States of America

Mailing Address:

9907 Winged Foot Drive
Louisville, Kentucky 40223

Citizenship:

US

Legal name of Inventor: Manuel F. Cassanova

Inventor's Signature: _____ Date: _____

Residence City/State/
Country: Louisville, KY, United States of America

Mailing Address: 2905 Cliffwynde Trace
Louisville, Kentucky 40241

Citizenship: US

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in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency
thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or
has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE,
its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in
and to the Invention, the above-identified United States patent application, and any and all other
patent applications and patents for the Invention which may be applied for or granted therefor in
the United States and in all foreign countries and jurisdictions, including all divisions,
continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and
extensions thereof, and all rights of priority resulting from the filing of such applications and

granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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Legal name of Inventor: Ayman S. El-Baz

Inventor's Signature: _____ Date: _____

Residence

City/State/Country: Louisville, KY, United States of America

2202 James Guthrie Court, Apt. #4

Mailing Address: Louisville, Kentucky 40241

Citizenship: Egypt

Legal name of Inventor: Matthew Nitzken

Inventor's Signature: _____ Date: _____

Residence

City/State/Country: Louisville, KY, United States of America

9907 Winged Foot Drive

Mailing Address: Louisville, Kentucky 40223

Citizenship: US

Legal name of Inventor: Manuel F. Cassanova
Inventor's Signature: Manuel F. Cassanova Date: 3/15/13
Residence
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2905 Cliffwynde Trace
Mailing Address: Louisville, Kentucky 40241
Citizenship: US