## PATENT ASSIGNMENT

## Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVE	ANCE:		ASSIGNMENT		
CONVEYING PARTY DATA					
N			lame	Execution Date	
Gary Warner 04/09/2009			04/09/2009		
Bradley Wardman 04/13/2009					
RECEIVING PARTY DATA					
Name:	The UAB Research Foundation				
Street Address:	1530 3rd Aven	nue So	puth		
City:	Birmingham	Birmingham			
State/Country:	ALABAMA				
Postal Code:	35294-0107	35294-0107			
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number: 12648		578		8278	
Application Number: 12648578   CORRESPONDENCE DATA 7					
Fax Number:20525419992052541999Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:205-254-1036Phone:205-254-1036Correspondent Name:C. Brandon BrowningCorrespondent Name:C. Brandon BrowningC. Brandon BrowningAddress Line 1:1901 6th Ave. North, Suite 2400Birmingham, ALABAMA 35203					
ATTORNEY DOCKET NUMBER:		03258-0014			
NAME OF SUBMITTER:		C. Brandon Browning			
Total Attachments: 3 source=UABAssign578#page1.tif source=UABAssign578#page2.tif source=UABAssign578#page3.tif					

	Assignment of Pights Title	and Interest in Invention	Docket No.	
Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)			DOCKET NO. 03258-0013	
his is an A	ssignment of the following rights,	title and interest: (check all that apply):		
X	United States of America rights,	, title and interest in the invention		
$\boxtimes$	Foreign rights, title and interest			
$\mathbf{X}$	United States Patent Application Serial No. TBD			
	Date of Execution:	Date of Filing:	· · · · · · · · · · · · · · · · · · ·	
X		United States Provisional Patent Application Serial No. TBD		
$\mathbf{X}$	United States Patent No(s). TBI			
$\mathbf{X}$	International (PCT) Patent App			
	Other (specify)			
itle of the 1	;			
			- <b></b>	
iventors (a.	Name	Address		
Gary Warn		2920 Clydebank Circle, Birmingham, AL 35242	2	
Bradley Wa		520 10th Avenue South, Birmingham, AL 3524		
			· · · · · · · · · · · · · · · · · · ·	
ssignee				
signee	Nama			

Name	Address			
The UAB Research Foundation	1530 3rd Avenue South Birmingham, AL 35294-0107			
	[Page 1 of 3 ]	PATENT	AS03A/REV02	

AIENI AS0 REEL: 029637 FRAME: 0205

Assignment of Rights,	Title and	Interest in	Invention
(Multiple inve	entors; sin	ngle assigne	e)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, which may be completed as a said and the said as a said and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Name	Signature/Date
Gary Warner	
Bradley Wardman	
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Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

## PATENT REEL: 029637 FRAME: 0206

Docket No. Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee) 03258-0013 <u>Notarization</u> (Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.) Executed this au in the year day of ooLo<u>m</u> Sk. S State of County o Before me personally appeared Gary Warner who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this in the year day of 2009 NOTARY PUBLIC STATE OF ALABAMA AT LARGE MY COMMISSION EXPIRES: July 27, 2010 BONDED THRU NOTARY PUBLIC UNDERWRITERS (Notary Public) in the year Executed this در day of 2009 at (Signature of Inventor) State o County of Before me personally appeared Bradley Wardman who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 3. day of in the year 2009 NOTARY PUBLIC STATE OF ALABAMA AT LARGE MY COMMISSION EXPIRES: July 27, 2010 BONDED THRU NOTARY PUBLIC UNDERWRITERS (Notary Public) , in the year Executed this day of at (Signature of Inventor) State of County of Before me personally appeared who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to in the year execute the same this day of (Notary Public) PATENT [Page 3 of 3]

**RECORDED: 01/16/2013** 

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