

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Frederic D. McKenzie	03/21/2008
Hector M. Garcia	03/21/2008
Reynel J. Castelino	03/08/2008
RECEIVING PARTY DATA	
Name:	Old Dominion University
Street Address:	4111 Monarch Way
City:	Norfolk
State/Country:	VIRGINIA
Postal Code:	23529
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11666244
CORRESPONDENCE DATA	
Fax Number:	(202)663-6363
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-663-6000
Email:	dashonna.bullock@uspto.gov
Correspondent Name:	WilmerHale, LLP
Address Line 1:	1875 Pennsylvania Avenue, NW
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20006
ATTORNEY DOCKET NUMBER:	113019.199US2
NAME OF SUBMITTER:	Belinda Lew - 53,212
Total Attachments: 2 source=0113019_00199US2_ODUAssign_032808#page1.tif source=0113019_00199US2_ODUAssign_032808#page2.tif	

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**PATENT**

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**REEL: 020722 FRAME: 0821**

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**ASSIGNMENT**

0113019.00199US2

WHEREAS, We, **Frederic D. McKenzie**, being a citizen of the United States of America, residing at 2300 Edmonton Drive, Norfolk, VA 23456; **Hector M. Garcia**, being a citizen of Mexico, residing at 4816 Woolsey St., Norfolk, VA 23513; **Reynel J. Castelino**, being a citizen of the United States of America, residing at Old Dominion University, 2035 Hughes Hall, Norfolk, VA 23529 am the inventor of certain new and useful inventions and discoveries, and hereby assign to

<i>Full Name of Assignee</i>	<i>State of Incorporation</i>	<i>Business Address</i>
Old Dominion Research University Foundation	Virginia	4111 Monarch Way Norfolk, VA 23529

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by me, identified as:

<i>Title of Application</i>	<i>Filing Date</i>	<i>Serial Number</i>
SYSTEM, METHOD AND MEDIUM FOR SIMULATING NORMAL AND ABNORMAL MEDICAL CONDITIONS	April 25, 2007	11/666,244

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;
4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to ASSIGNEE without encumbrance;
5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to me or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to me relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.



-2-

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IN TESTIMONY WHEREOF, We have hereunto set my hand and seal.

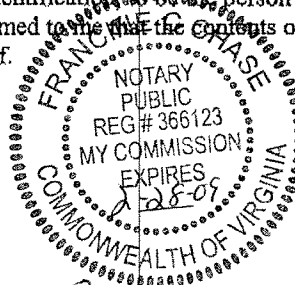
3-21-08  
 Date  
 State of Virginia  
 County of Virginia Beach

Frederic D. McKenzie  
 Frederic D. McKenzie

On this 21<sup>st</sup> day of March, 2008, before me, the undersigned notary public, personally appeared Frederic D. McKenzie, proved to me through satisfactory evidence of identification ~~to be the person~~ whose name is signed on the preceding or attached document, and who swore or affirmed to me ~~that the contents~~ of the document are truthful and accurate to the best of his/her knowledge and belief.

Francine C Chase

Notary Public  
 My Commission Expires: 2-28-2009



IN TESTIMONY WHEREOF, We have hereunto set my hand and seal.

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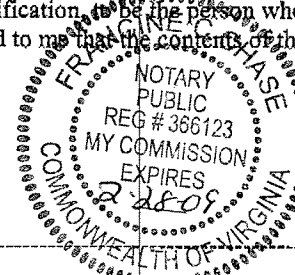
3-21-08  
 Date  
 State of Virginia  
 County of Virginia Beach

Hector M. Garcia  
 Hector M. Garcia

On this 21<sup>st</sup> day of March, 2008, before me, the undersigned notary public, personally appeared Hector M. Garcia, proved to me through satisfactory evidence of identification ~~to be the person~~ whose name is signed on the preceding or attached document, and who swore or affirmed to me ~~that the contents~~ of the document are truthful and accurate to the best of his/her knowledge and belief.

Francine C Chase

Notary Public  
 My Commission Expires: 2-28-2009



IN TESTIMONY WHEREOF, We have hereunto set my hand and seal.

0113019.00199US2

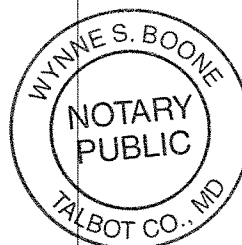
3/08/2008  
 Date  
 State of Virginia  
 County of )

Reynel J. Castolino  
 Reynel J. Castolino

On this 8<sup>th</sup> day of March, 2008, before me, the undersigned notary public, personally appeared Reynel J. Castolino, proved to me through satisfactory evidence of identification, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Wynne S. Boone  
 Notary Public

My Commission Expires: 07/09/2011



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