

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4473891

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HOWARD HUGHES MEDICAL INSTITUTE	04/02/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Wisconsin Alumni Research Foundation
<b>Street Address:</b>	614 Walnut Street
<b>City:</b>	Madison
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53726
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13194624
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(608)263-1064
<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>	
<b>Phone:</b>	608-263-2828
<b>Email:</b>	krice@warf.org
<b>Correspondent Name:</b>	KATIE RICE
<b>Address Line 1:</b>	614 WALNUT STREET
<b>Address Line 2:</b>	13TH FLOOR
<b>Address Line 4:</b>	MADISON, WISCONSIN 53726
<b>ATTORNEY DOCKET NUMBER:</b>	P07312US02-HHMI
<b>NAME OF SUBMITTER:</b>	KATIE RICE
<b>SIGNATURE:</b>	/katie rice/
<b>DATE SIGNED:</b>	06/22/2017
<b>Total Attachments: 6</b>	
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source=P07312US02 Assignment updated#page5.tif	



P0731205 - PAc  
2/08  
PAc

ASSIGNMENT  
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a certain new and useful invention (the "Invention"), as set forth in an application for United States Letters Patent, bearing substantially the following title and bearing the following serial number. The application was executed by me, and it was filed on the indicated date:

Title: BIOMARKERS FOR HUMAN PAPILLOMAVIRUS-ASSOCIATED CANCERS

Serial Number: 12/220465

Date Filed: 7-24-2008

Serial Number: 13/194624

Date Filed: 7-29-11

The assignee under this agreement is hereby authorized to insert the filing date and serial number referred to above, when ascertained.

For good and valuable consideration, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation (hereinafter "WARF") a non-stock, non-profit Wisconsin corporation, and to its legal representatives, successors, and assigns, my entire right, title and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. WARF shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon WARF's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that WARF may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to WARF any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to WARF and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to WARF, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Ref: P07312US  
Wisconsin Alumni Research Foundation

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07312US

App.#: 12/220465, Filed: 7-24-2008

Inventor: 

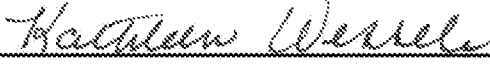
Date: 2-3-09

Paul F. Lambert  
1242 Sweetbriar Rd.  
Madison, WI 53705

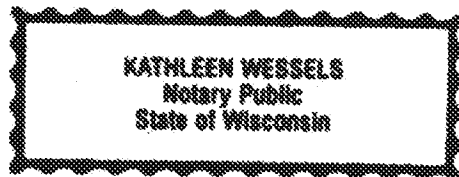
State of Wisconsin    )  
                                  )ss.  
County of Dane        )

On this 3rd day of February, 2008 before me personally appeared Paul F. Lambert, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

  
Notary Public

My Commission expires: September 30, 2012



ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07312US

App.#: 12/220465, Filed: 7-24-2008

Inventor: *Dohun Pyeon*

Date: 12/15/2008

Dohun Pyeon

~~221 S. High Point Rd. #103E~~

~~Madison, WI 53717~~

8105 S. Parker Rd. #1108

Centennial, CO 80016

*Colorado*

State of ~~Wisconsin~~ )

*Adams* )ss.

County of ~~Dane~~ )

On this 15<sup>th</sup> day of December, 2008 before me personally appeared Dohun Pyeon, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

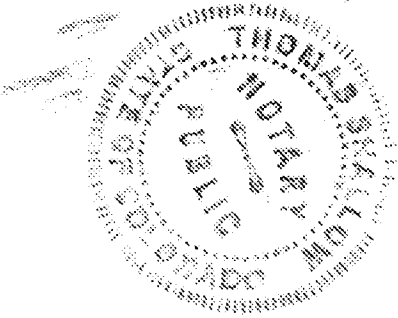
SEAL

*[Signature]*

Notary Public

My Commission expires:

7/25/2010



ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07312US

App.#: 12/220465, Filed: 7-24-2008

Inventor: Michael A. Newton

Date: 12/12/08

Michael A. Newton  
2250 Rugby Row  
Madison, WI 53726

State of Wisconsin )  
  )ss.  
County of Dane )

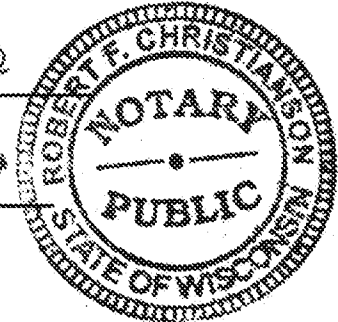
On this 12<sup>th</sup> day of December, 2008 before me personally appeared Michael A. Newton, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Robert F. Christian

Notary Public

My Commission expires: 10/11/2009



ASSIGNMENT  
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
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BIOMARKERS FOR HUMAN PAPILLOMAVIRUS-ASSOCIATED CANCERS			
PRV	UNITED STATES	60/961774	July 24, 2007

BIOMARKERS FOR HUMAN PAPILLOMAVIRUS-ASSOCIATED CANCERS			
PAT	UNITED STATES	12/220465	July 24, 2008
PAT	UNITED STATES	13/194624	JULY 29, 2011

BIOMARKERS FOR HUMAN PAPILLOMAVIRUS-ASSOCIATED CANCERS			
PCT	W.I.P.O. (IS PCT)	PCT/US2008/071081	July 24, 2008

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P07312PV/P07312US/P07312WO

ASSIGNMENT  
Wisconsin Alumni Research Foundation  
Ref: P07312US  
App.#: 12/220465, Filed: July 24, 2008

Inventor: Paul Ahlquist

Date: 4-2-10

For himself and as agent for the Howard Hughes Medical Institute

Paul Ahlquist  
4227 Doncaster Dr.  
Madison, WI 53711-3715

State of Wisconsin )  
                                  )ss.  
County of Dane        )

On this 2<sup>nd</sup> day of April, 2010 before me personally appeared Paul Ahlquist, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Ultoria Sutton  
Notary Public

My Commission expires: 11/6/2011