

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Matthew Ellis	02/11/2011
Elaine Mardis	02/11/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Washington University
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<b>City:</b>	St. Louis
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63130
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12995450
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	40448-202N01US
<b>NAME OF SUBMITTER:</b>	Sean M. Coughlin

OP \$40.00 12995450

Total Attachments: 3  
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 source=40448-202N01US Assignment Ellis; Mardi-WU#page2.tif

**501463138**

**PATENT**  
**REEL: 025934 FRAME: 0672**



## ASSIGNMENT

We, **Matthew Ellis and Elaine Mardis** the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Washington University**, with offices at **One Brookings Drive, St. Louis, MO 63130**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### **GENE EXPRESSION PROFILES TO PREDICT BREAST CANCER OUTCOMES**

filed with the U.S. Patent and Trademark Office on **November 30, 2010** and assigned Application No. **12/995,450**, which claims priority to Application No. PCT/US2009/045820 filed on June 1, 2009 and Application No. 61/057,508 filed on May 30, 2008, including any subsequently filed utility applications, which claim priority to Application No. **12/995,450** and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: Feb 11th 2011

Matthew Ellis

Signature of: **Matthew Ellis**

State of Missouri

County of St. Louis

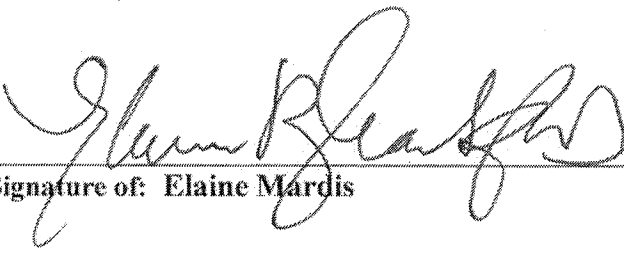
On this 11<sup>th</sup> day of February, 2011, before me, the undersigned notary public, personally appeared **Matthew Ellis**, proved to me through satisfactory evidence of identification, which was a EMPLOYEE I. D. TO ME, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Marjorie Anderson  
Notary Public

My commission expires April 12, 2011

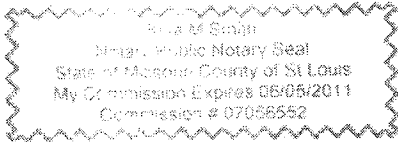
MARJORIE C. ANDERSON  
Notary Public-Notary Seal  
STATE OF MISSOURI  
St. Louis County  
My Commission Expires April 12, 2011  
Commission # 07476752

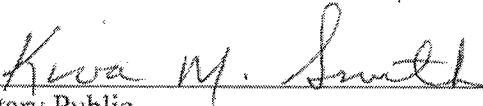
Date: 11 FEBRUARY 2011

  
Signature of: **Elaine Mardis**

State of MISSOURI  
County of ST. LOUIS

On this 11 day of FEBRUARY, 2011, before me, the undersigned notary public, personally appeared **Elaine Mardis**, proved to me through satisfactory evidence of identification, which was a DRIVER'S LICENSE, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.



  
Notary Public

My commission expires 6/5/2011