PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Brian Z. Ring	12/28/2008
Douglas T. Ross	02/23/2009
Robert S. Seitz	12/16/2008
Rodney A. Beck	12/16/2008

RECEIVING PARTY DATA

Name:	Applied Genomics, Inc.	
Street Address:	601 Genome Way	
Internal Address:	Suite 2200	
City:	Huntsville	
State/Country:	ALABAMA	
Postal Code:	35806	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12889630

CORRESPONDENCE DATA

Fax Number: (617)502-5002

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617-248-4903

Email: rtremblay@choate.com

Correspondent Name: Katherine Nicole Clouse, PhD

Address Line 1: Choate Hall & Stewart LLP

Address Line 2: Two International Place

Address Line 4: Boston, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 2003923-0044

NAME OF SUBMITTER: Katherine Nicole Clouse, PhD

PATENT

REEL: 025045 FRAME: 0109

OF \$40.00 12889630

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Total Attachments: 6 source=0044 Assignment#page1.tif source=0044 Assignment#page2.tif source=0044 Assignment#page3.tif source=0044 Assignment#page4.tif source=0044 Assignment#page5.tif source=0044 Assignment#page6.tif

> PATENT REEL: 025045 FRAME: 0110

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned Brian Z. Ring of Foster City, CA, Douglas T. Ross of Burlingame, CA, Robert S. Seitz of Hampton Cove, AL, and Rodney A. Beck of Harvest, AL, hereby

Sells, assigns and transfers to Applied Genomics, Inc., having a place of business at 601 Genome Way, Suite 2200, Huntsville, AL 35806, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the International application entitled "TLE3 AS A MARKER FOR CHEMOTHERAPY" filed November 25, 2008, and given serial number 12/277,920, in and to said application and all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

Attorney Docket No.: 200
Page 1 of 2

PATENT REEL: 025045 FRAME: 0111

Buan Ring Name: Brian Z. Ring	12/28/08 Date
Witness: 14j-2. R'ny Name:	12/28/08 Date
Name: Douglas T. Ross	Date
Witness:	
Name:	Date
Name: Robert S. Seitz	Date
Witness:	
Name:	Date
Name: Rodney A. Beck	Date
Witness:	
Name:	Date

Attorney Docket No.: 2003923-0026

Page 2 of 2

4395500v1

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **Brian Z. Ring** of Foster City, CA, **Douglas T. Ross** of Burlingame, CA, **Robert S. Seitz** of Hampton Cove, AL, and **Rodney A. Beck** of Harvest, AL, hereby

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Attorney Docket No.: 2003923-0026

Name: Brian Z. Ring	Date
Witness:	
Name:	Date
Name: Douglas T. Ross	2/23/05 Date
Witness: January Name: Yanling Wary	2/23/5 S Date
Name: Robert S. Seitz	Date
Witness:	
Name:	Date
Name: Rodney A. Beck	Date
Witness:	
Name:	Date

Attorney Docket No.: 2003923-0026

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **Brian Z. Ring** of Foster City, CA, **Douglas T. Ross** of Burlingame, CA, **Robert S. Seitz** of Hampton Cove, AL, and **Rodney A. Beck** of Harvest, AL, hereby

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Attorney Docket No.: 2003923-0026

Name: Brian Z. Ring	Date
Witness:	
Name:	Date
Name: Douglas T. Ross	Date
Witness:	
Name:	Date
Robert S. Seitz	12/16/2008 Date
Witness: Lones Name: Kelly Jones	12/16/08 Date
Name: Rodney A. Beck	12/16/2008 Date
Witness: Delle Jones Name: Kelly Jones	<u>/</u>)/16/08 Date

Attorney Docket No.: 2003923-0026

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RECORDED: 09/27/2010

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