

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Radharani Duttagupta</td> <td>08/24/2012</td> </tr> <tr> <td>Jeremy Gollub</td> <td>08/24/2012</td> </tr> <tr> <td>Keith W. Jones</td> <td>08/21/2012</td> </tr> <tr> <td>Rong Jiang</td> <td>08/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Radharani Duttagupta	08/24/2012	Jeremy Gollub	08/24/2012	Keith W. Jones	08/21/2012	Rong Jiang	08/22/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Affymetrix, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3420 Central Expressway</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95051</td> </tr> </table>		Name:	Affymetrix, Inc.	Street Address:	3420 Central Expressway	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95051
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: tammy_franklin@affymetrix.com</p> <p>Correspondent Name: Tammy Franklin</p> <p>Address Line 1: 3420 Central Expressway</p> <p>Address Line 4: Santa Clara, CALIFORNIA 95051</p>											
ATTORNEY DOCKET NUMBER:	3899.1										
NAME OF SUBMITTER:	Tammy Franklin										
<p>Total Attachments: 6</p> <p>source=3899_1_US_Assignment_-_Fully_Executed#page1.tif</p> <p>source=3899_1_US_Assignment_-_Fully_Executed#page2.tif</p> <p>source=3899_1_US_Assignment_-_Fully_Executed#page3.tif</p> <p>source=3899_1_US_Assignment_-_Fully_Executed#page4.tif</p> <p>source=3899_1_US_Assignment_-_Fully_Executed#page5.tif</p> <p>source=3899_1_US_Assignment_-_Fully_Executed#page6.tif</p>											

CH \$40.00 13526463

ASSIGNMENT

We, the undersigned **Radharani Duttagupta, Keith W. Jones, Rong Jiang and Jeremy Gollub**, hereby: Sell, assign and transfer to Affymetrix Inc., a corporation organized and existing under the laws of the State of Delaware, having a usual place of business at 3420 Central Expressway, Santa Clara, CA 95051 its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the 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 patent application filed in the United States Patent and Trademark Office on **June 18, 2012**, Serial No. **13/526,463** and entitled **Circulating miRNA Biomaker Signatures**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; derived from or claiming priority to said application, 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;

Agree 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 Assignee, agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and history thereof, and generally doing everything possible which said Assignee shall consider desirable for aiding and securing and maintaining proper patent protection for said inventions and vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

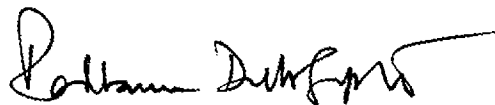
Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee;

Covenant 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 me and that full right to convey the same as herein expressed is possessed by me.

*Inventor*

08/24/2012

Date



Radharani Duttagupta

*Inventor*

Date

Keith W. Jones

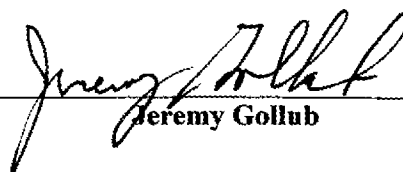
*Inventor*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Rong Jiang

*Inventor*

\_\_\_\_\_  
8/24/2012  
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\_\_\_\_\_  
  
Jeremy Gollub

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*Inventor*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Radharani Duttgupta

*Inventor*

21 Aug, 2012  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Keith W. Jones

***Inventor***

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Rong Jiang**

***Inventor***

\_\_\_\_\_  
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**Jeremy Gollub**

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\_\_\_\_\_  
**Radharani Duttagupta**

***Inventor***

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Keith W. Jones**

*Inventor*

8/22/2012

Date



Rong Jiang

*Inventor*

Date

Jeremy Gollub