

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert G. Kuimelis</td> <td>02/28/2007</td> </tr> <tr> <td>Glenn H. McGall</td> <td>03/01/2007</td> </tr> <tr> <td>Martin J. Goldberg</td> <td>03/07/2007</td> </tr> <tr> <td>Guangyu Xu</td> <td>03/10/2007</td> </tr> </tbody> </table>		Name	Execution Date	Robert G. Kuimelis	02/28/2007	Glenn H. McGall	03/01/2007	Martin J. Goldberg	03/07/2007	Guangyu Xu	03/10/2007
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Martin J. Goldberg	03/07/2007										
Guangyu Xu	03/10/2007										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Affymetrix, Inc.										
<b>Street Address:</b>	3420 Central Expressway										
<b>City:</b>	Santa Clara										
<b>State/Country:</b>	CALIFORNIA										
<b>Postal Code:</b>	95051										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11617431</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11617431						
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Application Number:	11617431										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(408)731-5392										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	408-731-5000										
<b>Email:</b>	leticia_block@affymetrix.com										
<b>Correspondent Name:</b>	Leticia Block										
<b>Address Line 1:</b>	3420 Central Expressway										
<b>Address Line 2:</b>	Legal Department										
<b>Address Line 4:</b>	Santa Clara, CALIFORNIA 95051										
<b>ATTORNEY DOCKET NUMBER:</b>	3653.4										
<b>NAME OF SUBMITTER:</b>	Leticia R. Block										

**CH \$40.00 11617431**

Total Attachments: 4

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ASSIGNMENT

We, the undersigned **Robert G. Kuimelis, Glenn H. McGall, Martin J. Goldberg, Guangyu Xu**, 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 an 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 **December 28, 2006**, Serial No. **11/617,431** and entitled **Use of Acid Scavengers for the Synthesis of Standard Length and Long-Mer Nucleic Acid Arrays**, 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.

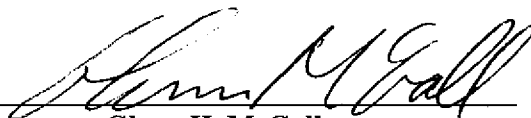
*Inventor*

2/28/07  
Date

  
Robert G. Kuimelis

*Inventor*

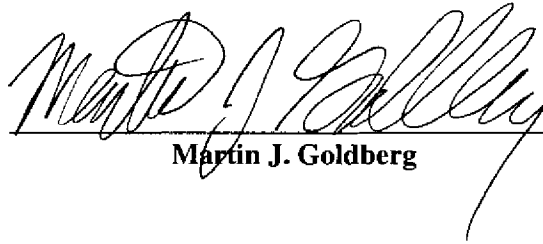
3-1-07  
Date

  
Glenn H. McGall

*Inventor*

3-7-07 <sup>MB</sup>

Date



Martin J. Goldberg

*Inventor*

Date

Guangyu Xu

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*Inventor*

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Date

\_\_\_\_\_  
**Robert G. Kuimelis**

*Inventor*

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Glenn H. McGall**

*Inventor*

\_\_\_\_\_  
Date

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Martin J. Goldberg

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03/10/2007  
Date

  
Guangyu Xu