

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	01/03/2007										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>George M. Church</td><td>01/03/2007</td></tr><tr><td>Jay Shendure</td><td>12/09/2006</td></tr><tr><td>Gregory J. Porreca</td><td>01/03/2007</td></tr><tr><td>Jun Zhu</td><td>12/07/2006</td></tr></tbody></table>	Name	Execution Date	George M. Church	01/03/2007	Jay Shendure	12/09/2006	Gregory J. Porreca	01/03/2007	Jun Zhu	12/07/2006	
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George M. Church	01/03/2007										
Jay Shendure	12/09/2006										
Gregory J. Porreca	01/03/2007										
Jun Zhu	12/07/2006										
RECEIVING PARTY DATA											
Name:	President and Fellows of Harvard College										
Street Address:	17 Quincy Street										
City:	Cambridge										
State/Country:	MASSACHUSETTS										
Postal Code:	02138										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11505073</td></tr></tbody></table>	Property Type	Number	Application Number:	11505073							
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Application Number:	11505073										
CORRESPONDENCE DATA											
Fax Number: (617)720-9601 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email: lhall@bannerwitcoff.com											
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ATTORNEY DOCKET NUMBER:	10498-00115										
NAME OF SUBMITTER:	John P. Iwanicki, Reg. No. 34,628										

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PATENT
REEL: 018785 FRAME: 0196

Total Attachments: 4

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PATENT

REEL: 018785 FRAME: 0197

ASSIGNMENT

Case No.: 10498-00115 Serial No.: 11/505,073

Inventors: George M. Church, Jay Shendure, Gregory J. Porreca, and Jun Zhu

Date of Execution
of Application: _____ Filing Date: August 16, 2006

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

President and Fellows of Harvard College
of Cambridge, Massachusetts

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

POLONY FLUORESCENT *IN SITU* SEQUENCING BEADS

and identified as:

Attorney Docket No. 10498-00115

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or

Assignment of Rights to Invention

U.S. Patent Application Serial No. 11/505,073

Attorney Docket No. 10498-00115

improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: _____

3 Jan 2007
(month/day/year)


George M. Church

Date: _____

(month/day/year)

Jay Shendure

Date: _____

01/03/2007
(month/day/year)


Gregory J. Porreca

Date: _____

(month/day/year)

Jun Zhu

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Date: _____
(month/day/year)

George M. Church

Date: 12/9/06
(month/day/year)

Jay Shendure
Jay Shendure

Date: _____
(month/day/year)

Gregory J. Porreca

Date: _____
(month/day/year)

Jun Zhu

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Date: _____
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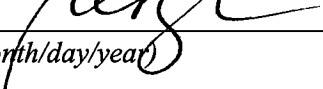
George M. Church

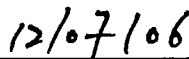
Date: _____
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(month/day/year)

Gregory J. Porreca

Date:  _____
(month/day/year)

 _____
Jun Zhu