

## 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>James Hicks</td> <td>11/16/2011</td> </tr> <tr> <td>Nicholas Navin</td> <td>11/14/2011</td> </tr> <tr> <td>Jennifer Troge</td> <td>11/16/2011</td> </tr> <tr> <td>Zihua Wang</td> <td>11/16/2011</td> </tr> <tr> <td>Michael Wigler</td> <td>11/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	James Hicks	11/16/2011	Nicholas Navin	11/14/2011	Jennifer Troge	11/16/2011	Zihua Wang	11/16/2011	Michael Wigler	11/16/2011
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<table border="1"> <tr> <td>Name:</td> <td>Cold Spring Harbor Laboratory</td> </tr> <tr> <td>Street Address:</td> <td>One Bungtown Road</td> </tr> <tr> <td>City:</td> <td>Cold Spring Harbor</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>11724</td> </tr> </table>		Name:	Cold Spring Harbor Laboratory	Street Address:	One Bungtown Road	City:	Cold Spring Harbor	State/Country:	NEW YORK	Postal Code:	11724		
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CORRESPONDENCE DATA													
<p>Fax Number: (212)391-0525          Phone: 2122780400          Email: patentdocketing@cooperdunham.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Cooper &amp; Dunham LLP          Address Line 1: 30 Rockefeller Plaza          Address Line 4: New York, NEW YORK 10112</p>													
ATTORNEY DOCKET NUMBER:	5981/81503-A/GJG/GC												
NAME OF SUBMITTER:	Cindy Shu												

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Total Attachments: 4

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***Assignment of Non-Provisional Application***

*In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,*

James Hicks residing at 3 Great Meadow Road, Locust Valley, NY 11560; Nicholas Navin residing at 1621 Wichita St., Houston, TX 77004; Jennifer Troge residing at 100 Simcoe St., Oyster Bay, NY 11771; Zihua Wang residing at 13 Meadowlawn St., Huntington, NY 11743; and Michael Wigler residing at 52 Snake Hill Road, Cold Spring Harbor, NY 11724

*Hereby sell, assign and transfer to Cold Spring Harbor Laboratory, a corporation of the State of New York, having a place of business at One Bungtown Road, Cold Spring Harbor, New York 11724 U.S.A, in the County of Suffolk and State of New York, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on* November 16, 2011; November 14, 2011; November 16, 2011; November 16, 2011; and November 16, 2011 *and is entitled*

**VARIETAL COUNTING OF NUCLEIC ACIDS FOR OBTAINING GENOMIC COPY NUMBER INFORMATION**

(U.S. Serial No. 13/278,333, filed October 21, 2011, claiming the benefit of U.S. Provisional Application Nos. 61/510,579, filed July 22, 2011 and 61/406,067, filed October 22, 2010) *and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;*

*Authorize and request the Commissioner for Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;*

JPW Rev. April 19, 2007

*Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and*

*Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.*

Date: 11-16-11  
 Witness: [Signature] [signature]  
Vladimir Drozdoff [printed name]  
107 Cleveland Dr [address]  
Carlsbad, NV 11721

[Signature] [S]  
 James Hicks

Date: 11-14-2011  
Witness: [signature] [signature]  
Jill Waters [printed name]  
1515 Holcombe Blvd [address]  
Houston TX 77030

[signature] [LS]  
Nicholas Navin

Date: \_\_\_\_\_  
Witness: \_\_\_\_\_ [signature]  
\_\_\_\_\_ [printed name]  
\_\_\_\_\_ [address]  
\_\_\_\_\_

\_\_\_\_\_  
Jennifer Troge [LS]

Date: \_\_\_\_\_  
Witness: \_\_\_\_\_ [signature]  
\_\_\_\_\_ [printed name]  
\_\_\_\_\_ [address]  
\_\_\_\_\_

\_\_\_\_\_  
Zihua Wang [LS]

Date: \_\_\_\_\_  
Witness: \_\_\_\_\_ [signature]  
\_\_\_\_\_ [printed name]  
\_\_\_\_\_ [address]  
\_\_\_\_\_

\_\_\_\_\_  
Michael Wigler [LS]

Date: \_\_\_\_\_  
Witness: \_\_\_\_\_ [signature]  
\_\_\_\_\_ [printed name]  
\_\_\_\_\_ [address]  
\_\_\_\_\_

\_\_\_\_\_  
[LS]

Date: \_\_\_\_\_  
Witness: \_\_\_\_\_ (signature)  
\_\_\_\_\_ (printed name)  
\_\_\_\_\_ (address)  
\_\_\_\_\_

\_\_\_\_\_  
Nicholas Navin [LS]

Date: Nov 16, 2011  
Witness: [Signature] (signature)  
Vladimir Drozdoff (printed name)  
107 Cleveland Dr (address)  
Centerport, NY 11721

[Signature]  
Jennifer Troge [LS]

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\_\_\_\_\_  
[LS]