PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Daniel Branton | 04/20/2005 |

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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12626014 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 50334/007004

NAME OF SUBMITTER: Kristina Bieker-Brady, Ph.D.

Total Attachments: 2

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PATENT REEL: 024070 FRAME: 0885

Attorney Docket No.: 50334/007002

ASSIGNMENT

For valuable consideration, I,

| T | Full Name of Assignor | City | State (and Country if not USA) |
|---|-----------------------|-----------|--------------------------------|
| | Daniel Branton | Lexington | Massachusetts |

hereby assign to

| Full Name of Assignee | State of Incorporation | Business Address |
|--|------------------------|--|
| President and Fellows of Harvard College | Massachusetts | 1350 Massachusetts Avenue Cambridge, MA 02138 |

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by me, identified as:

| Title of Application | Filing Date | Serial Number |
|--|----------------|---------------|
| METHODS AND APPARATUS FOR CHARACTERIZING POLYNUCLEOTIDES | March 23, 2005 | 11/088,140 |

and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

PATENT REEL: 024070 FRAME: 0886

| In WITNESS WHEREGF, I hereto set my hand and seal at Carbridge, MA | , |
|--|-----------|
| this $\frac{20}{20}$ day of $\frac{41271}{2005}$. | |
| Stariel Inonlow L.S. | |
| DANIEL BRANTON | |
| STATE OF Massachusetts | |
| COUNTY OF Middle sex: | |
| Before me this 20 day of April, 2005 before me, the undersigned notary public, personally appeared DANIEL BRANTON , proved to me through satisfactory evidence of identification, which consisted of Massadusetts License, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free and deed for the purposes therein contained. | ne act |
| Notary Public Cufala | |
| My Commission Expires: May 24, 2007 [Notary's Seal Here] | |

LINDA J. KEFALAS
Notary Public
Commonwealth of Massachusetts
My Commission Expires May 24, 2007