

# PATENT ASSIGNMENT

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|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                       | NEW ASSIGNMENT                                        |
| <b>NATURE OF CONVEYANCE:</b>                                                                                  | ASSIGNMENT                                            |
| <b>CONVEYING PARTY DATA</b>                                                                                   |                                                       |
| <b>Name</b>                                                                                                   | <b>Execution Date</b>                                 |
| STEPHEN F. KINGSMORE                                                                                          | 12/04/2008                                            |
| <b>RECEIVING PARTY DATA</b>                                                                                   |                                                       |
| <b>Name:</b>                                                                                                  | NATIONAL CENTER FOR GENOME RESOURCES                  |
| <b>Street Address:</b>                                                                                        | 2935 RODEO PARK DRIVE EAST                            |
| <b>City:</b>                                                                                                  | SANTA FE                                              |
| <b>State/Country:</b>                                                                                         | NEW MEXICO                                            |
| <b>Postal Code:</b>                                                                                           | 87505                                                 |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                              |                                                       |
| <b>Property Type</b>                                                                                          | <b>Number</b>                                         |
| Application Number:                                                                                           | 12054072                                              |
| <b>CORRESPONDENCE DATA</b>                                                                                    |                                                       |
| <b>Fax Number:</b>                                                                                            | (678)420-9301                                         |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                          |                                                       |
| <b>Phone:</b>                                                                                                 | 6784209300                                            |
| <b>Email:</b>                                                                                                 | johnsonk@ballardspahr.com, mcfadyenr@ballardspahr.com |
| <b>Correspondent Name:</b>                                                                                    | BALLARD SPAHR LLP                                     |
| <b>Address Line 1:</b>                                                                                        | 999 PEACHTREE STREET, N.E.                            |
| <b>Address Line 2:</b>                                                                                        | SUITE 1000                                            |
| <b>Address Line 4:</b>                                                                                        | ATLANTA, GEORGIA 30309                                |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                | 14161.0002U2                                          |
| <b>NAME OF SUBMITTER:</b>                                                                                     | Kimmy A. Johnson                                      |
| <b>Total Attachments: 2</b><br>source=Kingsmore_Assignment#page1.tif<br>source=Kingsmore_Assignment#page2.tif |                                                       |

OP \$40.00 12054072

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**PATENT**  
**REEL: 026569 FRAME: 0069**

**ASSIGNMENT**

**WHEREAS, I, STEPHEN F. KINGSMORE**, of 1111 Galisteo Street, Santa Fe, NM 87505  
invented new and useful improvements in **METHODS AND SYSTEMS FOR MEDICAL  
SEQUENCING ANALYSIS** for which a United States was filed on **March 24, 2008**, and assigned  
Application No. 12/054,072; and

**WHEREAS, NATIONAL CENTER FOR GENOME RESOURCES**, a New Mexico  
corporation, whose post-office address is 2935 Rodeo Park Drive East, Santa Fe, New Mexico 87505,  
is desirous of acquiring the entire interest in the same;

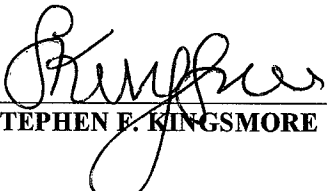
**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby  
acknowledged, I, **STEPHEN F. KINGSMORE**, hereby do sell, assign and transfer unto said  
**NATIONAL CENTER FOR GENOME RESOURCES**, the entire right, title and interest in and to  
said invention and application throughout the world, including, without limitation, any Letters Patent  
which may issue thereon, and any subsequent application claiming priority to the above-identified  
application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof  
and all rights of priority under the Paris Convention arising from said application; the same for  
**NATIONAL CENTER FOR GENOME RESOURCES'S** legal representatives and assigns, as fully  
and entirely as the same would have been held by me had this assignment and sale not been made;

**AND**, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly  
to execute without further consideration any and all applications, petitions, oaths and assignments or  
other papers and instruments which may be necessary in order to carry into full force and effect, the  
sale, assignment, transfer and conveyance hereby made or intended to be made and generally do  
everything possible to aid **NATIONAL CENTER FOR GENOME RESOURCES**, its legal

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representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

IN WITNESS WHEREOF, I have executed this Assignment this 4<sup>th</sup> day  
of December, 2008

  
STEPHEN E. KINGSMORE (L.S.)

State of NEW MEXICO  
County of SANTA FE

On this 4<sup>th</sup> day of December, 2008, before me, a Notary Public,  
came \_\_\_\_\_, to me known and known to be the individual described in and  
who executed the foregoing assignment, and he/she duly acknowledged the same to be his/her free act  
and deed.

  
Notary Public

My Commission Expires: 12/24/2011

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