**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEIL T. PARKIN</td>
<td>04/23/2008</td>
</tr>
<tr>
<td>EOIN COAKLEY</td>
<td>04/24/2008</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>MONOGRAM BIOSCIENCES, INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>345 OYSTER POINT BOULEVARD</td>
</tr>
<tr>
<td>City</td>
<td>SOUTH SAN FRANCISCO</td>
</tr>
<tr>
<td>State/Country</td>
<td>CALIFORNIA</td>
</tr>
<tr>
<td>Postal Code</td>
<td>94080</td>
</tr>
</tbody>
</table>

**PROPERTY NUMBERS Total: 1**

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number</td>
<td>13467527</td>
</tr>
</tbody>
</table>

**CORRESPONDENCE DATA**

Fax Number: (336)607-7500  
**Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.**

Phone: 3366077300  
Email: nprevette@kilpatricktownsend.com  
Correspondent Name: KATHRYN H. WADE, KILPATRICK  
Address Line 1: 1100 PEACHTREE STREET NE  
Address Line 2: SUITE 2800  
Address Line 4: ATLANTA, GEORGIA 30309-4528

**ATTORNEY DOCKET NUMBER:** 057618-0840379

**NAME OF SUBMITTER:** RENEE S. PREVETTE

**SIGNATURE:** /Renee S. Prevette/

**DATE SIGNED:** 08/29/2018

Total Attachments: 3
source=MB-VIR-151-US-DIV_Assignment_0840379#page1.tif  
source=MB-VIR-151-US-DIV_Assignment_0840379#page2.tif  
source=MB-VIR-151-US-DIV_Assignment_0840379#page3.tif
ASSIGNMENT

WHEREAS, WE, Neil T. Parkin and Eoin Coakley, ASSIGNORS, citizens of the United States, residing at 1938 Bayview Avenue, Belmont, California 94002 and 430 Mangels Avenue, San Francisco, California 94127, are the inventors of the invention in Methods and Compositions for Determining Hypersusceptibility of HIV-1 to Non-Nucleoside Reverse Transcriptase Inhibitors for which we have executed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐
☒ which is identified by Jones Day docket no. 11068-151-999
☒ which was filed on August 17, 2007, Application No. 11/884,667
☐ We hereby authorize and request attorney(s), . at Jones Day, to insert here in parentheses (Application number, _____________ filed ___________) the filing date and application number of said application when known.

and WHEREAS, Monogram Biosciences, Inc., ASSIGNEE and existing under the laws of the state of Delaware, and having an office for the transaction of business at 345 Oyster Point Boulevard, South San Francisco, CA 94080, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar ($1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument:

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 04/23/2008, 2008  

Date 04/24/2008, 2008  

State of  )  SS.:  

County of  )  

On ______________, 2008, before me, Notary Public, personally appeared Neil T. Parkin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

______________________

Page 1 of 2
CALIFORNIA ALL-PURPOSE
CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of San Mateo

On Apr. 24, 2008 before me, J. Bley, Notary Public,
(Here insert name and title of the officer)

personally appeared Foin Peter Coakley,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

(Notary Seal)

ADDITIONAL OPTIONAL INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbage as may be printed on such a document so long as the verbage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of acknowledgment must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and your name (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of acknowledgment.
- Indicate the correct singular or plural form by crossing off incorrect forms (i.e. he/she/they is/are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-scale if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - Additional information is not required but could help to ensure this acknowledgment is not revised or attached to a different document.
  - Indicate title or type of attached document, number of pages and date.
  - Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document.
CALIFORNIA ALL-PURPOSE
CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of San Mateo

On April 23, 2008 before me, J. Bley, Notary Public, (Here insert name and title of the officer) personally appeared Neil T. Parkin, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

J. Bley
Signature of Notary Public

ADDITIONAL OPTIONAL INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM
Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural form by crossing off incorrect forms (i.e. he/she/they is are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - Additional information is not required but could help to ensure this acknowledgment is not misused or attached to an incorrect document.
  - Indicate title or type of attached document, number of pages and date.
  - Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document.