503148933 01/23/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3195545

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|---------------------------------------------|--|
| NATURE OF CONVEYANCE: | TERMINATION OF SECURITY INTEREST OF PATENTS | |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------------|----------------|
| THIRD SECURITY SENIOR STAFF 2008 LLC | 01/15/2015 |

RECEIVING PARTY DATA

| Name: | TRANSGENOMIC, INC. | | |
|-----------------|--------------------|--|--|
| Street Address: | 12325 EMMET STREET | | |
| City: | ОМАНА | | |
| State/Country: | NEBRASKA | | |
| Postal Code: | 68164 | | |

PROPERTY NUMBERS Total: 4

| Property Type | Number |
|----------------|---------|
| Patent Number: | 7129075 |
| Patent Number: | 7749708 |
| Patent Number: | 7579155 |
| Patent Number: | 7560261 |

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NAME OF SUBMITTER: STEPHEN P. DEMM

SIGNATURE: /Stephen P. Demm/

DATE SIGNED: 01/23/2015

Total Attachments: 3

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PATENT 503148933 REEL: 034805 FRAME: 0851

TERMINATION OF SECURITY INTEREST OF PATENTS

This **TERMINATION OF SECURITY INTEREST OF PATENTS**, dated as of January 15, 2015, is made by THIRD SECURITY SENIOR STAFF 2008 LLC, as administrative agent (the "Agent").

WHEREAS, TRANSGENOMIC, INC., a Delaware corporation ("Grantor"), granted a security interest in certain Patents, which are described in <u>Schedule A</u> attached hereto (the "<u>Patents</u>") to the Agent pursuant to a Loan and Security Agreement made effective as of March 13, 2013. Such security interest in the Patents was recorded on May 14, 2013 with the United States Patent and Trademark Office at Reel and Frame Numbers 030408/0795.

WHEREAS, the Agent has agreed to terminate and release its security interest in the Patents identified on Schedule A.

NOW, THEREFORE, for valuable consideration, the Agent hereby terminates and releases all liens and security interests granted to the Agent in Grantor's Patents referred to in <u>Schedule A</u> attached hereto.

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IN WITNESS WHEREOF, the Agent has caused this Termination of Security Interest for Patents to be duly executed as of the date first set forth above.

Agent:

THIRD SECURITY SENIOR STAFF 2008 LLC

Name: Randal J. Kirk

Title: Manager, Third Security, LLC,

which is the Manager of Third Security

Senior Staff 2008 LLC

Schedule A

| Patent No. | Appliteation No. | E Met 200 | Halimo Date | Issue/Grant Date |
|--------------|------------------|-----------------|-------------|------------------|
| US 7,129,075 | 10/688665 | ISOLATED CEL II | 10/17/2003 | 10/31/2006 |
| | | ENDONUCLEASE | | |
| US 7,749,708 | 11/854181 | METHOD FOR | 09/12/2007 | 07/06/2010 |
| ; | | IDENTIFYING | | |
| | | THE SEQUENCE | | |
| | | OF ONE OR | | |
| | | MORE VARIANT | | |
| | | NUCLEOTIDES | | |
| | | IN A NUCLEIC | | |
| | | ACID | | |
| | | MOLECULE | | |
| US 7,579,155 | 12/101255 | METHOD FOR | 04/11/2008 | 08/25/2009 |
| | | IDENTIFYING | | |
| | | THE SEQUENCE | | |
| | | OF ONE OR | | |
| | | MORE VARIANT | | |
| | | NUCLEOTIDES | | |
| | | IN A NUCLEIC | | |
| | | ACID | | |
| | | MOLECULE | | |
| US 7,560,261 | 11/628726 | NUCLEIC ACID | 05/18/2005 | 07/14/2009 |
| | | SEQUENCES | | |
| | | ENCODING CEL | | |
| | | II | | |
| | | ENDONUCLEASE | | |

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RECORDED: 01/23/2015

PATENT REEL: 034805 FRAME: 0854