PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5183124

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| NICOLAI JUUL BIRKBAK | 04/03/2013 |
| ARON EKLUND | 04/15/2013 |

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14466208 |

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| ATTORNEY DOCKET NUMBER: | 701039-073443-US |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | TERESA A. PTASHKA |
| SIGNATURE: | /Teresa A. Ptashka/ |
| DATE SIGNED: | 10/11/2018 |

Total Attachments: 4

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PATENT 505136361 REEL: 047131 FRAME: 0034

Practitioner's Docket No. 701039-073442-PCT

PATENT

For:

U.S. and Foreign Rights

By:

Multiple Inventors

ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION (MULTIPLE INVENTORS)

WHEREAS, WE, the said inventors, do hereby acknowledge that, for good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS (inventors):

Name:

Nicolai Juul Birkbak

Address:

Østerbrogade 113, 5, 507, 2100 København Ø, Denmark

Nationality:

DK

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Aron Eklund

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Borgmester Jensens Allé 23C, 3. th., 2100 København Ø, Denmark

Nationality:

US

hereby sell, assign and transfer to

ASSIGNEE:

Name:

The Technical University of Denmark

Address:

Anker Englundsvej 1, 2800 Kgs. Lyngby, Denmark

Nationality:

DK

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled METHODS FOR PREDICTING ANTI-CANCER RESPONSE and which is found in (37 C.F.R. Section 3.21) PCT Application No. PCT/US13/27295, with an International Filing Date of February 22, 2013, which claims priority benefit to U.S. Provisional Application No. 61/602,460 filed February 23, 2013 and U.S. Provisional Application No. 61/604,810 filed February 29, 2012, and any legal equivalent thereof in any designated country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof;

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said

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Page 1 of 2

Practitioner's Docket No. 701039-073442-PCT International Application No. PCT/US13/27295

ASSIGNORS

PATENT

application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

| IN TESTIMO of April , 20 | NY WHEREOF, I, Nicolai Juul Birkbak, 113. Nicolai Juul Bi | Dinky |
|-----------------------------|---|------------------------------|
| WITNESS BLOCK | *** | |
| Witness Signature: | And | Date: <u>April 3rd 2013</u> |
| Printed Name: | ANDREA MARQUARD | ; |
| IN TESTIMO , 2013 | A PARA | set my signature this day of |
| | Aron Eklund | |
| WITNESS BLOCK | | |
| Witness Signature; | | Date: |
| | | |

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Printed Name:

Page 2 of 2

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PATENT REEL: 047131 FRAME: 0036

Practitioner's Docket No. 701039-073442-PCT

PATENT

For:

U.S. and Foreign Rights

By:

Multiple Inventors

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WHEREAS, WE, the said inventors, do hereby acknowledge that, for good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS (inventors):

Name:

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Nationality:

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Name:

Aron Eklund

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Nationality:

HS

hereby sell, assign and transfer to

ASSIGNEE:

Name:

The Technical University of Denmark

Address:

Anker Englundsvej 1, 2800 Kgs. Lyngby, Denmark

Nationality:

DK

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled METHODS FOR PREDICTING ANTI-CANCER RESPONSE and which is found in (37 C.F.R. Section 3.21) PCT Application No. PCT/US13/27295, with an International Filing Date of February 22, 2013, which claims priority benefit to U.S. Provisional Application No. 61/602,460 filed February 23, 2013 and U.S. Provisional Application No. 61/604,810 filed February 29, 2012, and any legal equivalent thereof in any designated country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof;

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said

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Page 1 of 2

Practitioner's Docket No. 701039-073442-PCT International Application No. PCT/US13/27295

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| IN of | IN TESTIMONY , 2013. | WHEREOF, I, Nicolai Juul Birkbak, hereunto set my signature this | day |
|----------|----------------------|--|-----|
| | | Nicolai Juul Birkbak | |

| WITNESS BLOCK | |
|--------------------|-------|
| Witness Signature: | Date: |
| Printed Name: | |
| | |

| IN TESTIMONY | WHEREOF, I, Aron Eklund, hereun | to set my signa | iture this 13 | day o |
|-------------------------|---------------------------------|-----------------|---------------|-------|
| <u>17-pr-v.</u> , 2013. | a | | 1 | |
| | Aron Eklund | | | |

WITNESS BLOCK

ASSIGNORS

Witness Signature:

Printed Name: LAURENT GAUTIER

Date: April 15th 2013

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RECORDED: 10/11/2018

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