### 503267600 04/16/2015

# PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name           | Execution Date |
|----------------|----------------|
| NOBORU KONISHI | 03/27/2015     |
| KEIJI SHIMADA  | 03/23/2015     |

### **RECEIVING PARTY DATA**

| Name:           | PUBLIC UNIVERSITY CORPORATION NARA MEDICAL UNIVERSITY |
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| Street Address: | 840, SHIJO-CHO  |
| City:           | KASHIHARA-SHI, NARA                                   |
| State/Country:  | JAPAN   |
| Postal Code:    | 6348521   |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14436338 |

#### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: GREAT FALLS, VIRGINIA 22066

| ATTORNEY DOCKET NUMBER: | 0315.009.US02        |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | KRISTINA CASTELLANO  |
| SIGNATURE:              | /KristinaCastellano/ |
| DATE SIGNED:            | 04/16/2015           |

#### **Total Attachments: 4**

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PATENT 503267600 REEL: 035428 FRAME: 0267

|                    | 0315.009.US02 |
|--------------------|---------------|
| Altomey Docket No. |               |

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

# NOVEL CANCER MARKER AND UTILIZATION THEREOF

for which Assignor is about to make or has made United States or International application for patent

directed to (check one): \_\_\_\_ The attached application: or

\_\_\_\_ United States application or PCT international application number \_\_PCT/JP2013/076123\_ filed on \_\_September 26, 2013 .

WHEREAS, PUBLIC UNIVERSITY CORPORATION NARA MEDICAL UNIVERSITY hereinafter referred to as ASSIGNEE, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, I hereby confirm any prior assignment to ASSIGNEE, and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto ASSIGNEE and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by ASSIGNEE to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent

| Attorney Docket No. |  |
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any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of ASSIGNEE without further or other compensation than that above set forth;

I hereby covenant that I have not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to ASSIGNEE, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to ASSIGNEE.

I hereby grant the law firm of CASTELLANO PLLC the power to insert on this Declaration and 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.

| Nobom for she                 |
|-------------------------------|
| KONISHI, Noboru<br>Inventor 1 |
| March 27 2015  Dated          |
| SHIMADA, Keiji<br>Inventor 2  |
| Dated                         |

Witness:

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

# NOVEL CANCER MARKER AND UTILIZATION THEREOF

for which Assignor is about to make or has made United States or International application for patent

directed to (check one): \_\_\_\_ The attached application: or

✓ United States application or PCT international application number <u>PCT/JP2013/076123</u> filed on <u>September 26</u>, 2013 .

WHEREAS, PUBLIC UNIVERSITY CORPORATION NARA MEDICAL UNIVERSITY hereinafter referred to as ASSIGNEE, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, I hereby confirm any prior assignment to ASSIGNEE, and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto ASSIGNEE and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by ASSIGNEE to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent

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any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of ASSIGNEE without further or other compensation than that above set forth;

I hereby covenant that I have not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to ASSIGNEE, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to ASSIGNEE.

I hereby grant the law firm of CASTELLANO PLLC the power to insert on this Declaration and 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.

| KONISHI, Noboru<br>Inventor 1 |
|-------------------------------|
| Dated                         |
| 上国家司                          |
| SHIMAĎA, Keiji<br>Inventor 2  |
| 23/March/20/5                 |
| Dated                         |

Witness:

RECORDED: 04/16/2015

PATENT REEL: 035428 FRAME: 0271