### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RICHARD S. BLUMBERG	03/13/2014
YU-HWA HUANG	03/13/2014
NALAN UTKU	05/01/2014

### **RECEIVING PARTY DATA**

Name: THE BRIGHAM AND WOMEN'S HOSPITAL, INC				
Street Address:	75 FRANCIS STREET			
City:	BOSTON			
State/Country:	MASSACHUSETTS			
Postal Code:	02115			

### **PROPERTY NUMBERS Total: 1**

Property Type	Number				
PCT Number:	US1267207				

### **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

**Email:** bostonpatent@nixonpeabody.com, jflores@nixonpeabody.com

Correspondent Name: DAVID S. RESNICK
Address Line 1: NIIXON PEABODY LLP
Address Line 2: 100 SUMMER STREET

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	043214-071411-PCT
NAME OF SUBMITTER:	DAVID S. RESNICK
SIGNATURE:	/David S. Resnick/
DATE SIGNED:	05/09/2014

### **Total Attachments: 6**

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<u>PATFNT</u>

EPAS ID: PAT2849558

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PATENT REEL: 032861 FRAME: 0778

## BWH 21330.02 WO PCT 1

### Practitioner's Docket No. 043214-071411-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:

Richard S. BLUMBERG

Name:

Yu-Hwa HUANG

Name:

Nalan UTKU

hereby sell, assign and transfer to

ASSIGNEE:

Name:

THE BRIGHAM AND WOMEN'S HOSPITAL, INC.

Address:

75 Francis Street, Boston, MA 02115

Nationality:

US

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 ANTI-CEACAM1 RECOMBINANT ANTIBODIES FOR CANCER THERAPY and which is found in (37 C.F.R. Section 3.21) PCT Application No. PCT/US12/067207, with an International Filing Date of November 30, 2012, which claims priority benefit to U.S. Provisional Application No. 61/565,640 filed December 1, 2011, 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 covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

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

BWH 21330

The undersigned hereby grant 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.

ASSIGNORS	
IN TESTIMONY WHEREOF, I, R day of <u>Yndaal</u> , 2014.	ichard S. BLUMBERG, hereunto set my signature this 13  Richard S. BLUMBERG
	Alchart S. BLUMBERG
STATE OF MH COUNTY OF Suffice SS:	
DEDMIDERG, to the personally known as the individual	014, before me personally came the above-named Richard S. ual who executed the same of his/her own free will for the purposes therein
MARY TERESA CUNNIFF Notary Public COMMONWEALTHOF MASSACHUSETTS My Commission Expires April 16, 2016	Mary Teres a Curry

IN TESTIMONY WHEREOF, I, Yu-Hwa HUANG, hereunto set my signature this 13 day of March , 2014.

Yu-Hwa HUANG

STATE OF WINH COUNTY OF Cuffiel SS

This 13 day of Much 2014, before me personally came the above-named Yu-Hwa HUANG, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Mary Teresa Curriff
Notary Pulpite

MARY TERESA CUNNIFF
Notary Public
COMMONWEATHOFMASSACHUSETTS
My Commission Expires
April 15, 2016

IN TESTIMONY WHER, 2014.	REOF, I, Nalan UTKU, hereunto set my signature this _	day of
	Nalan UTKU	-
Witness Signature:	Date:	<del>-</del> .
Printed Name		

### Practitioner's Docket No. 043214-071411-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:

Richard S. BLUMBERG

Name:

Yu-Hwa HUANG

Name:

Nalan UTKU

hereby sell, assign and transfer to

ASSIGNEE:

Name:

THE BRIGHAM AND WOMEN'S HOSPITAL, INC.

Address:

75 Francis Street, Boston, MA 02115

Nationality:

US

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 ANTI-CEACAM1 RECOMBINANT ANTIBODIES FOR CANCER THERAPY and which is found in (37 C.F.R. Section 3.21) PCT Application No. PCT/US12/067207, with an International Filing Date of November 30, 2012, which claims priority benefit to U.S. Provisional Application No. 61/565,640 filed December 1, 2011, 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 covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

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

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Practitioner's Docket No. 043214-071411-PCT International Application No. PCT/US12/67207

PATENT

The undersigned hereby grant 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.

ASSIGNORS							
IN TESTIMONY WHEREOF, I, Richard S. BLUMBERG, hereunto set my signature thisday of, 2014.							
Richard S. BLUMBERG							
STATE OF SS:  This day of, 2014, before me personally came the above-named <b>Richard S</b> . <b>BLUMBERG</b> , to me personally known as the individual who executed the same of his/her own free will for the purposes therein							
BLUMBERG, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.  Notary Public							
Notary Public							
IN TESTIMONY WHEREOF, I, Yu-Hwa HUANG, hereunto set my signature this day of, 2014.							
Yu-Hwa HUANG							
STATE OF SS:							
This day of, 2014, before me personally came the above-named Yu-Hwa HUANG, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.							
Notary Public							

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Practitioner's Docket No. 043214-071411-PCT International Application No. PCT/US12/67207

PATENT

*	IN	TESTIMONY	WHEREOF,	I, Nalan	UTKU,	hereuni	o s	et mv sign	ature this	1 tday o	٦Í
<u>J40</u>	4	, 2014.				-/1	1		7		/3

Witness Signature:

Printed Name:

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RECORDED: 05/09/2014