PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
KHALID SHAH	03/13/2014	
KAORU TAMURA	03/27/2014	
HIROAKI WAKIMOTO	03/13/2014	

RECEIVING PARTY DATA

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Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US1331949

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ATTORNEY DOCKET NUMBER:	030258-075031-PCT
NAME OF SUBMITTER:	SHAYNE Y. HUFF
SIGNATURE:	/Shayne Y. Huff/
DATE SIGNED:	04/01/2014

Total Attachments: 7

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> PATENT REEL: 032572 FRAME: 0356

Attorney Docket No.: 030258-075031-PCT

PCT/US13/31949 MGH 21127 Page 1 of 3

ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION (MULTIPLE INVENTORS)

For:

U.S. and Foreign Rights

By:

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:

Khalid Shah

Address:

3920 Mystic Valley Parkway

Medford, MA 02129

1 Harmony Lone Andover, TA 01810

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Name:

Kaoru Tamura

Address:

1 Emerson Place, Apartment 5L

Boston, MA 02114

Nationality:

US

Name:

Hiroaki Wakimoto

Address:

141 Clark Street

Newton, MA 02459

Nationality:

US

hereby sell, assign and transfer to

ASSIGNEE:

Name:

THE GENERAL HOSPITAL CORPORATION

d/b/a Massachusetts General Hospital

Address:

55 Fruit Street Boston, MA 02114

United States

Nationality:

US

14374671.2

PATENT REEL: 032572 FRAME: 0357

Attorney Docket No.: 030258-075031-PCT PCT/US13/31949 MGH 21127 Page 2 of 3

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 ONCOLYTIC VIRUS THERAPY FOR RESISTANT TUMORS and which is found in (37 C.F.R. Section 3.21) PCT Application No. PCT/US2013/031949 with an International Filing Date of March 15, 2013, which claims priority benefit to U.S. Provisional Application No. 61/675,013 filed July 24, 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 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.

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.

STATE OF MA	
STATE OF MA	
STATE OF MA	i.e.
	8 3 8 7
COUNTY OF SUFFOLK SS:	
This 13th day of March 2014, before me personally came the above-name	
Khalid Shah, to me personally known as the individual who executed the same of his/her own free	3 WIII
for the purposes therein set forth. Dorathy Q. Binfuel Notary Public The purposes therein set forth.	
Notary Public	
NFORD NO.	
WASSACHUSE THE WASSAC	

Attorney Docket No.: 030258-075031-PCT PCT/US13/31949 MGH 21127 Page 3 of 3

	Kaoru Tamura
STATE OF SS:	
This day of	, 2014, before me personally came the above-named as the individual who executed the same of his/her own free
	Notary Public
IN TESTIMONY WHEREOF, I, His March , 2014.	roaki Wakimoto, hereunto set my signature this 13 day of
	Hiroaki Wakimoto
STATE OF MA COUNTY OF SUFFOLK SS:	Hiroaki Wakimoto

Attorney Docket No.: 030258-075031-PCT PCT/US13/31949 MGH 21127

Page 1 of 3

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U.S. and Foreign Rights

By: 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:

Khalid Shah

Address:

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Nationality:

US

Name:

Kaoru Tamura

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Boston, MA 02114

Nationality:

US Japanese

(FD

Name:

Hiroaki Wakimoto

Address:

141 Clark Street

Newton, MA 02459

Nationality:

US

hereby sell, assign and transfer to

ASSIGNEE:

Name:

THE GENERAL HOSPITAL CORPORATION

d/b/a Massachusetts General Hospital

Address:

55 Fruit Street Boston, MA 02114

United States

Nationality:

US

14374671.2

PATENT REEL: 032572 FRAME: 0360 Attorney Docket No.: 030258-075031-PCT PCT/US13/31949 MGH 21127

Page 2 of 3

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 **ONCOLYTIC VIRUS THERAPY FOR RESISTANT TUMORS** and which is found in (37 C.F.R. Section 3.21) **PCT Application No. PCT/US2013/031949** with an **International Filing Date** of **March 15, 2013**, which claims priority benefit to U.S. Provisional Application No. 61/675,013 filed July 24, 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 covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

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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.

	, 20	014.	
			Khalid Shah
STATE OF			
COUNTY OF _		SS:	
This	day of		, 2014, before me personally came the above-named
			individual who executed the same of his/her own free will
for the purposes	therein set fortl	h.	
			Notary Public

Attorney Docket No.: 030258-075031-PCT

PCT/US13/31949 MGH 21127 Page 3 of 3

IN TESTIMONY WHEREOF, I, Kao MAR 27 2014 , 2014.	ru Tamura, hereunto set my signature this day of
	Kaoru Tamura Kaoru Tamura
	Kaoru Tamura
STATE OF SS:	
This day of	, 2014, before me personally came the above-named s the individual who executed the same of his/her own free
	Notary Public
IN TESTIMONY WHEREOF, I, Hire	oaki Wakimoto, hereunto set my signature this day of
	Hiroaki Wakimoto
STATE OF SS:	
This day of Hiroaki Wakimoto, to me personally known will for the purposes therein set forth.	, 2014, before me personally came the above-named as the individual who executed the same of his/her own free
	Notary Public



U.S. Department of State Individual Acknowledgment Certificate

JAPAN)		
CITY OF	TOKYO OF THE UNITED STATES OF AMERICA) }	SS:	
EMDASSI	OF THE UNITED STATES OF MADRICES.	,		
I certif	y that on this day the individual	named	below a	ppeared
	e and acknowledged to me that the uted freely and voluntarily.	attaci	ied Inst	-r amenc
	•			
	- Kaoru Tamura			
	(Printed Name(s) of Individu	al(s))	
	Kuslie Kan			
	(Signature of Consular Off	icer)		
	J. Leslie Glass	12.5		
	Consular Associate			
	(Title of Consular Offic	er)		
	MAR 27 2014		-	•

Date (mm-dd-yyyy)

PATENT REEL: 032572 FRAME: 0363

RECORDED: 04/01/2014