PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seongeun Cho	08/21/2006
Davinder Singh Gill	11/13/2006
Xiang Yang Tan	08/21/2006
Ming Diana Qian	10/31/2006

RECEIVING PARTY DATA

Name:	Wyeth
Street Address:	Five Giralda Farms
City:	Madison
State/Country:	NEW JERSEY
Postal Code:	07940

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11446875

CORRESPONDENCE DATA

Fax Number: (617)248-4000

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617-248-4793

Email: mwilson@choate.com

Correspondent Name: Charles E. Lyon
Address Line 1: Two International Plants

Address Line 1: Two International Place

Address Line 4: Boston, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 2004658-0337

NAME OF SUBMITTER: Charles E. Lyon

Total Attachments: 17

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PATENT REEL: 018537 FRAME: 0030

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> PATENT REEL: 018537 FRAME: 0031

Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR:

(1)	Full Name	of Inventor:	Seongeun	Cho
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Residence: 10 Hampshire Drive, Hillsborough, New Jersey 0884

Citizenship: KR

Full Name of Inventor: Davinder Singh Gill

Residence: 20 charlotte Drive, Andover, Massachusetts 01810

Citizenship: USA

Full Name of Inventor: Xiang Yang Tan

Residence: 811 Gazebo Circle, Reading, Massachusetts 01867

Citizenship: USA

Full Name of Inventor: Ming Diana Qian

Residence: 32 Dogwood Lane, Needham, Massachusetts 02492

Citizenship: USA

Full Name of Inventor:

Residence: Citizenship:

(6)Full Name of Inventor:

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Residence: Citizenship:

hereby sells, assigns and transfers to ASSIGNEE:

Wyeth Five Giralda Farms Madison, New Jersey 07940

Page 1 of 6

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

ANTI-TRKB MONOCLONAL ANTIBODIES AND USES THEREOF

and invented by ASSIGNOR and the following additional inventors, if any:

and whic	h is found in U.S. Application No. 11/446,875 filed on: June 5, 2006
	I/we the ASSIGNOR signing below, hereby authorize and request insertion above of the application number and filing date, when they become known,
[als	so check if foreign application(s) is(are) also being assigned]
\boxtimes	and any legal equivalent thereof in a foreign country,
including	the right to claim priority, including any and all improvements disclosed therein, and in

and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

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

ASSIGNOR authorizes ASSIGNEE to make applications for and to receive Letters patent for said invention in any of said countries in its own name, or in ASSIGNOR's name, at its election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefore and to, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any interference, litigation or proceeding related thereto and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns or other legal representatives, and that to, at any time, upon the request and at the expense of ASSIGNEE execute any continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to Letters Patent and reissue or re-examination thereof, or any other additional applications of Letters Patent for said invention or any part thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to its ASSIGNEE.

Page 2 of 6

Docket No: 2004658-0337 (AM101962 US) Patent Date **ACKNOWLEDGMENT** County of On the \mathcal{D} Cuguet 2006, Seongeun Cho personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Davinder Singh Gill Date **ACKNOWLEDGMENT** State of County of On the day of 2006, before me, personally appeared Davinder Singh Gill, proved to me through satisfactory evidence of identity which was _ to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Notary Public

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Page 3 of 6

Xiang Yang Tan	Date
<u>ACKNOWL</u>	EDGMENT
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	Notary Public
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Ming Diana Qian	Date
ACKNOWL	EDGMENT
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Qian, proved to me through satisfactory evidence	the person whose name is signed on the diged that he/she executed the same, of his/her
	Notary Public

AssignmentNon-Provisional.dot - Rev 6/06

Page 4 of 6

Docket No: 2004658-0337 (AM101962 US Pater
Date
ACKNOWLEDGMENT
State of}
SS: County of
On the day of 2006, personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.
Notary Public

	Docket No: 2004658-0337 (AM101962 US) Patent
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by me to be the same person described in an	006, personally appeared before me, known d who executed the foregoing instrument, and e, of his/her own free will and for the purposes set
	Notary Public

## Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR:

(4)	Full Name	of Inventor:	Seangelin	Cho
(3)	Hull Name	or myemon	Seongeun	UHU

Residence: 10 Hampshire Drive, Hillsborough, New Jersey 0884

Citizenship: KR

(2) Full Name of Inventor: Davinder Singh Gill

Residence: 20 charlotte Drive, Andover, Massachusetts 01810

Citizenship: USA

(3) Full Name of Inventor: Xiang Yang Tan

Residence: 811 Gazebo Circle, Reading, Massachusetts 01867

Citizenship: USA

(4) Full Name of Inventor: Ming Diana Qian

Residence: 32 Dogwood Lane, Needham, Massachusetts 02492

Citizenship: USA

(5) Full Name of Inventor:

Residence: Citizenship:

(6) Full Name of Inventor:

Residence: Citizenship:

hereby sells, assigns and transfers to ASSIGNEE:

Wyeth Five Giralda Farms Madison, New Jersey 07940

Page 1 of 6

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

#### ANTI-TRKB MONOCLONAL ANTIBODIES AND USES THEREOF

and invented by ASSIGNOR and the following additional inventors, if any:

and w	hich i	s found in U.S. Application No. 11/446,875 filed on: June 5, 2006
		I/we the ASSIGNOR signing below, hereby authorize and request insertion above of the application number and filing date, when they become known,
	[also	check if foreign application(s) is(are) also being assigned]
	$\boxtimes$	and any legal equivalent thereof in a foreign country,
includ	ina th	e right to claim priority, including any and all improvements disclosed therein, and in

including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

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

ASSIGNOR authorizes ASSIGNEE to make applications for and to receive Letters patent for said invention in any of said countries in its own name, or in ASSIGNOR's name, at its election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefore and to, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any interference, litigation or proceeding related thereto and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns or other legal representatives, and that to, at any time, upon the request and at the expense of ASSIGNEE execute any continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to Letters Patent and reissue or re-examination thereof, or any other additional applications of Letters Patent for said invention or any part thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to its ASSIGNEE.

Page 2 of 6

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Page 3 of 6

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**PATENT** 

**REEL: 018537 FRAME: 0040** 

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Xiang Yang Tan	Date
on 1 Å	ACKNOWLEDGMENT
State of //assachuse/Mil	도) ss:
County of // lidellesex	_}
On the 2 ( day of Chugust Tan, proved to me through satisfacto	2006, before me, personally appeared Xiang Yang ry evidence of identity which was to be the person whose name is signed on the
preceding or attached document, and own free will and for the purposes se	d acknowledged that he/she executed the same, of his/her
Own free will and for the purposes se	Thorena alm M Eulya
FLORENGE ANN MCCOLGAN NOTARY PUBLIC	Jorene Mn M Tolgan
Genmenwealth of Massachusetts My Gennilesian Explas March 29,2007	Notary Public
Ming Diana Qian	Date ACKNOWLEDGMENT
State of	_}
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On the day of Qian, proved to me through satisfact	to be the person whose name is signed on the
preceding or attached document, and own free will and for the purposes se	d acknowledged that he/she executed the same, of his/her it forth.
	Notary Public

Page 4 of 6

	Docket No: 2004658-0337 (AM101962 US) Patent
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	Date
<u>ACKNOWL</u>	<u>LEDGMENT</u>
State of} ss: County of	who executed the foregoing instrument, and
forth.	
_	Notary Public

	Date
	ACKNOWLEDGMENT
State of	ss:
On the	day of 2006, personally appeared before me, known the same person described in and who executed the foregoing instrument, and ged that he/she executed the same, of his/her own free will and for the purposes set
	Notary Public

Patent

Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR:

(1)	Full Name	of Inventor:	Seongeun	Cho
-----	-----------	--------------	----------	-----

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(3) Full Name of Inventor: Xiang Yang Tan

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(4) Full Name of Inventor: Ming Diana Qian

Residence: 5539 Emerald Pointe Ct., Sugar land, Texas 77479

Citizenship: USA

(5) Full Name of Inventor:

Residence: Citizenship:

(6) Full Name of Inventor:

Residence: Citizenship:

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Wyeth Five Giralda Farms Madison, New Jersey 07940

Page 1 of 5

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ANTI-TRKB MONOCLONAL ANTIBODIES AND USES THEREOF

and ir	nvente	ed by ASSIGNOR and the following additional inventors, if any:
and w	vhich i	s found in U.S. Application No. 11/446,875 filed on: June 5, 2006
		I/we the ASSIGNOR signing below, hereby authorize and request insertion above of the application number and filing date, when they become known,
	[also	check if foreign application(s) is(are) also being assigned]
	\boxtimes	and any legal equivalent thereof in a foreign country,
includ	ing th	e right to claim priority, including any and all improvements disclosed therein, and in

including the right to claim priority, including any and all improvements disclosed therein, and ir and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

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Page 2 of 5

Patent

Seongeun Cho	Date	
	ACKNOWLEDGMENT	
State of	} ss: }	
On the day of before me, known by me to be the instrument, and acknowledged the purposes set forth.	ne same person described in ar	n Cho personally appeared nd who executed the foregoing of his/her own free will and for
		Notary Public
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Davinder Singh Gill	Date	
	<u>ACKNOWLEDGMENT</u>	
State of	} ss:	
County of	}	
On the day of Singh Gill, proved to me through	satisfactory evidence of identi	hose name is signed on the
preceding or attached document own free will and for the purpose		e executed the same, of his/her
		Notary Public
AssignmentNon-Provisional.dot – Rev 6/06	Page 3 of 5	Assignment of Invention Non-Provisional Application

PATENT REEL: 018537 FRAME: 0046

Patent

Xiang Yang Tan	Date
ACKNOW	LEDGMENT
State of	2006, before me, personally appeared Xiang
Yang Tan, proved to me through satisfactory en	
-	Notary Public
Ming Diana Qian	10/31/2006  Date
ACKNOW	<u>/LEDGMENT</u>
State of Texas } ss: County of Harris }	
On the 31 day of October  Diana Qian, proved to me through satisfactory  Trxus Druw's Litawa to preceding or attached document, and acknowled own free will and for the purposes set forth.	2006, before me, personally appeared Ming evidence of identity which was be the person whose name is signed on the edged that he/she executed the same, of his/her
YULIE IVONNE TIRAYOH MY COMMISSION EXPIRES January 18, 2009	Wire (rayou Notary Public

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Page 4 of 5

Patent

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**RECORDED: 11/20/2006** 

Page 5 of 5

Assignment of Invention Non-Provisional Application

PATENT REEL: 018537 FRAME: 0048