502812287 05/16/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2858881

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT			
CONVEYING PARTY	ΑΤΑ				
		Name	Execution Date		
HIDETOMO FURUYAN	1A		09/07/2009		
NOBUHIKO KAWANIS	-11		09/04/2009		
AKIRA NAYA			09/04/2009		
YU ONOZAKI			09/07/2009		
YASUHIRO GOTO			09/07/2009		
TAKASHI MITA			09/07/2009		
YOSHIO OGINO			09/10/2009		
TOSHIHIRO SAKAMO	ГО		09/11/2009		
RECEIVING PARTY D	ΔΤΑ				
Name:	BANYU	PHARMACEUTICAL CO., LTD.			
Street Address:	KITANO	NOMARU SQUARE			
Internal Address:	1-13-12	KUDANKITA, CHIYODA-KU			
City:	ΤΟΚΟΥ	0			
State/Country:	JAPAN				
Postal Code:	102-866	7			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12995832

CORRESPONDENCE DATA

Fax Number: (732)594-4720 Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail. Email: US_efs@merck.com Correspondent Name: MERCK SHARP & DOHME CORP. **126 EAST LINCOLN AVENUE** Address Line 1: Address Line 2: RY86-2011A Address Line 4: RAHWAY, NEW JERSEY 07065-0900 ATTORNEY DOCKET NUMBER: BAN-ONC-00002 NAME OF SUBMITTER: YONG ZHAO /Yong Zhao, Reg. #57,014/ SIGNATURE:

502812287

DATE SIGNED:	05/16/2014	
Total Attachments: 16		
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PATEN' Attorney Docket Number <u>BAN-ONC-00002</u>

> U.S. Serial No. _____ Filing Date _____ PCT Appl. No. _____ Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, I/we, Hidetomo Furuyama, Yasuhiro Goto, Nobuhiko Kawanishi, Takashi Mita, Akira Naya, Yoshio Ogino, Yu Onozaki, Toshihiro Sakamoto,

residing at: Ashigarakami-gun, Japan; Tachikawa-shi, Japan; Moriya-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Yokohama-shi, Japan; Moriya-shi, Japan; respectively,

hereby sell, assign and transfer to Banyu Pharmaceutical Co., Ltd., a corporation having an office at Kitanomaru Square, 1-13-12, Kudankita, Chiyoda-ku, Tokyo 102-8667, Japan and its successors, assigns and legal representatives, my/our entire right, title and interest, for all countries, in and to certain inventions relating to INHIBITORS OF AKT ACTIVITY

described in an application for Patents having Attorney Docket Number BAN-ONC-00002			and in application(s)	
Serial No. 61/130,753	filed on 06/03/2008	; Serial No. PCT/US09/45456	filed on 05/28/2009	;
Serial No.	filed on	(if applicable),		

and all my/our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

I/we request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representatives, or to such nominees as it may designate.

I/we agree that, when requested, I/we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignce, its successors, assigns and legal representatives or nominees.

I/we covenant with said assignce, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

I/we hereby authorize the attorney, <u>Matthew A. Leff</u> or an attorney with Power of Attorney in this application, to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

Computer generated form "Assignment Banyu" (Assignments Folder) Merck & Co., Inc. 07/9/2007

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	P Attorney Docket Number <u>BAN-ONC-00</u>
	U.S. Serial No
	Filing Date
	PCT Appl. No.
ASSIGNMENT AND AGREEME	NT Filing Date
Signed at Kaiseimachi this 7	day of september, 2009
signed at <u>Kaiseimachi</u> this <u>7</u> Hidetomo Furuyama	
Hidetomo Furuyama	Yasuhiro Goto
Nobuhiko Kawanishi	Takashi Mita
Akira Naya	Yoshio Ogino
Yu Onozaki	Toshihiro Sakamoto
	······································

Personally appeared before me the above-named Hidetomo Furuyama Yasuhiro Goto Nobuhiko Kawanishi Takashi Mita Akira Naya Yoshio Ogino Yu Onozaki Toshihiro Sakamoto

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be

their free act and deed this		day of	September, 2009	
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Mar Yokoyama

Witness

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PATEN'
Attorney Docket Number <u>BAN-ONC-00002</u>
U.S. Serial No. ______
Filing Date ______
PCT Appl. No. ______
Filing Date ______

ASSIGNMENT AND AGREEMENT

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residing at: Ashigarakami-gun, Japan; Tachikawa-shi, Japan; Moriya-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Yokohama-shi, Japan; Moriya-shi, Japan; respectively,

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	Attorney Docket Number <u>BAN-QNC-0</u>
	U.S. Serial No.
	Filing Date
	PCT Appl. No.
ASSIGNMENT AND AGREEME	NT Filing Date
	September
Signed at Tachikuwa-shi this 7	day of <u>Setember</u> , 2009
	Yasuhiro Goto
Hidetomo Furuyama	Yasuhiro Goto
Nobuhiko Kawanishi	Takashi Mita
Akira Naya	Yoshio Ogino
Yu Qnozaki	Toshihiro Sakamoto
1 d Onozaki	Toshinro Sakamoto
	·

Personally appeared before me the above-named Hidetomo Furuyama Yasuhiro Goto Nobuhiko Kawanishi Takashi Mita Akira Naya Yoshio Ogino Yu Onozaki Toshihiro Sakamoto

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be

their free act and deed this _____ day of <u>September</u>, 2009____

Dias Yokojama Witness

Computer generated form "Assignment Banya" (Assignments Folder) Merck & Co., Inc. 07/9/2007

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PATENT

Attorney Docket Number	BAN-ONC-00002
U.S. Serial No.	

Filing Date _____ PCT Appl. No. _____ Filing Date _____

ASSIGNMENT AND AGREEMENT

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For value received, I/we, Hidetoino Furuyama, Yasuhiro Goto, Nobuhiko Kawanishi, Takashi Mita, Akira Naya, Yoshio Ogino, Yu Onozaki, Toshihiro Sakamoto,

residing at: Ashigarakami-gun, Japan; Tachikawa-shi, Japan; Moriya-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Yokohama-shi, Japan; Moriya-shi, Japan; respectively,

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described in an application for Patents having Attorney Docket Number BAN-ONC-00002			and in application(s)	
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Serial No.	filed on	(if applicable),		

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	PATENT
	Attorney Docket Number <u>BAN-ONC-00002</u>
	U.S. Serial No.
	Filing Date
	PCT Appl. No
ASSIGNMENT AND AGREEME	NT Filing Date
Signed at Moriya-shi, Higashino this 4	day of <u>Sep,2009</u>
Hidetomo Furuyama Nobehiho Kawanish	Yasuhiro Goto
Nobuhiko Kawanishi	Takashi Mita
Akira Naya	Yeshio Ogino
Yu Onozaki	Toshihiro Sakamoto
Berle Belle - Pari	

Personally appeared before me the above-named Hidetomo Furuyama Yasuhiro Goto Nobuhiko Kawanishi Takashi Mita Akira Naya Yoshio Ogino Yu Onozaki Toshihiro Sakamoto

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be

their free act and deed this	4th	day of Saytember	_, <u>2009</u>
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Dear yokogene Winess

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Attorney Docket Number <u>BAN-ONC-00002</u> U.S. Serial No. ______ Filing Date ______

PATENT

PCT Appl. No. ______
Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, I/we, Hidetomo Furuyama, Yasuhiro Goto, Nobuhiko Kawanishi, Takashi Mita, Akira Naya, Yoshio Ogino, Yu Onozaki, Toshihiro Sakamoto,

residing at: Ashigarakami-gun, Japan; Tachikawa-shi, Japan; Moriya-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Yokohama-shi, Japan; Moriya-shi, Japan; respectively,

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Serial No. 61/130,753	filed on 06/03/2008	; Serial No. PCT/US09/45456	filed on 05/28/2009	;
Serial No.	filed on	(if applicable),		

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	PAT Attorney Docket Number <u>BAN-ONC-0000</u>
	U.S. Serial No
	Filing Date
	PCT Appl. No.
ASSIGNMENT AND AGREEMENT	F Filing Date
Signed at Tsukuba-shi this 7th	day of <u>September, 2009</u> .
	Yasuhiro Goto Takashi Mita
Nobuhiko Kawanishi	Takashi Mita
Akira Naya	Yoshio Ogino
Yu Onozaki	Toshihiro Sakamoto
onally appeared before me the above-named Hidetomo Furuyama	Vosubito Goto Nobubiko Kawanishi Takashi Mita Ak
Naya Yoshio Ogino	Yu Onozaki Toshihiro Sakamoto

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be

their free act and deed this	1+k	day of September	<u>, 2009</u> .
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- Dsao Yokogana Witness

Computer generated form "Assignment Banya" (Assignments Folder) Merck & Co., Inc. 07/9/2007

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PATEN'
Attorney Docket Number <u>BAN-ONC-00002</u>
U.S. Serial No. ______
Filing Date ______
PCT Appl. No. ______

Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, I/we, Hidetomo Furuyama, Yasuhiro Goto, Nobuhiko Kawanishi, Takashi Mita, Akira Naya, Yoshio Ogino, Yu Onozaki, Toshihiro Sakamoto,

residing at: Ashigarakami-gun, Japan; Tachikawa-shi, Japan; Moriya-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Yokohama-shi, Japan; Moriya-shi, Japan; respectively,

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Serial No. 61/130,753	filed on 06/03/2008	; Serial No. PCT/US09/45456	filed on 05/28/2009	;
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	PATENT Attorney Docket Number <u>BAN-ONC-00002</u>
	U.S. Serial No
	Filing Date
	PCT Appl. No.
ASSIGNMENT AND AGREEME	NT Filing Date
Signed at	<u>4</u> th day of <u>Sep.</u> , 2009.
Hidetomo Furuyama	Yasuhiro Goto
Nobuhiko Kawanishi Akira Naya	Takashi Mita
Akira Naya	Yoshio Ogino
Yu Onozaki	Toshihiro Sakamoto
	·

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Personally appeared before me the above-named Hidetomo Furuyama Yasuhiro Goto Nobuhiko Kawanishi Takashi Mita Akira Naya Yoshio Ogino Yu Onozaki Toshihiro Sakamoto

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be

heir free act and deed this	<u>4th</u>	day of September	_, <u>2009</u>	
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Ilar Yokozana Witness

Computer generated form "Assignment Banyu" (Assignments Folder) Merck & Co., Inc. 07/9/2007

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PATEN Attorney Docket Number <u>BAN-ONC-00002</u>

U.S. Serial No.	
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Computer generated form "Assignment Banyu" (Assignments Folder) Merek & Co., Inc. (07/9/2007

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		Attorney Docket Number <u>BAN-ONC-00002</u> U.S. Serial No.
		Filing Date
		PCT Appl. No.
	ASSIGNMENT AND AGREEMI	PCT Appl, No Filing Date
	Signed at <u>TSukuba-Shi</u> this 1⊃	
	Hidetomo Furuyama	Yasuhiro Götö
	Nobuhiko Kawanishi	Takashi Mita
		<u>Tushio Ogino</u>
	Akira Naya	Yoshio Ogino
	Yu Onozaki	Toshihiro Sakamoto
		. I GATHINI GARANGU
	Personally appeared before me the above-named Hidetomo Furuy	ama Yasuhiro Goto Nobubiko Kawanishi Takashi Mita Akira jino Yu Qnozaki Toshihiro Sakamoto
	Personally appeared before me the above-named Hidetomo Furuy	ama Yasuhiro Goto Nobubiko Kawanishi Takashi Mita Akira ino Yu Onozaki Toshihiro Sakamoto
	Personally appeared before me the above-named Hidetomo Furuy	ama Yasuhiro Goto Nobubiko Kawanishi Takashi Mita Akira jino Yu Onozaki Toshihiro Sakamoto
	Personally appeared before me the above-named Hidelomo Furuy Naya Yoshio Og	jino Yu Onozski Toshihiro Sakamoto
	Personally appeared before me the above-named Hidelomo Furuy Naya Yoshio Og nown and known to me to be the person(s) who executed the forege	ino Yu Onozaki Toshihiro Sakamoto sing instrument and acknowledged said instrument to be
and the second second	Personally appeared before me the above-named Hidelomo Furuy Naya Yoshio Og	ino Yu Onozaki Toshihiro Sakamoto sing instrument and acknowledged said instrument to be
	Personally appeared before me the above-named Hidelomo Furuy Naya Yoshio Og nown and known to me to be the person(s) who executed the forege	ino Yu Onozaki Toshihiro Sakamoto sing instrument and acknowledged said instrument to be
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	Personally appeared before me the above-named Hidelomo Furuy Naya Yoshio Og nown and known to me to be the person(s) who executed the forege	sing instrument and acknowledged said instrument to be
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Attorney Docket Number <u>BAN-ONC-00002</u>
U.S. Serial No. ______
Filing Date ______
PCT Appl. No. ______
Filing Date ______

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ASSIGNMENT AND AGREEMENT

For value received, I/we, Hidetomo Furuyama, Yasuhiro Goto, Nobuhiko Kawanishi, Takashi Mita, Akira Naya, Yoshio Ogino, Yu Onozaki, Toshihiro Sakamoto,

residing at: Ashigarakami-gun, Japan; Tachikawa-shi, Japan; Moriya-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Yokohama-shi, Japan; Moriya-shi, Japan; respectively,

hereby sell, assign and transfer to Banyu Pharmaceutical Co., Ltd., a corporation having an office at Kitanomaru Square, 1-13-12, Kudankita, Chiyoda-ku, Tokyo 102-8667, Japan and its successors, assigns and legal representatives, my/our entire right, title and interest, for all countries, in and to certain inventions relating to INHIBITORS OF AKT ACTIVITY

described in an application for Patents having Attorney Docket Number BAN-ONC-00002			and in application(s))
Serial No. 61/130,753	filed on 06/03/2008	; Serial No. PCT/US09/45456	filed on 05/28/2009	;
Serial No.	filed on	(if applicable),		

and all my/our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

I/we request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representatives, or to such nominees as it may designate.

I/we agree that, when requested, I/we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignce, its successors, assigns and legal representatives or nominees.

I/we covenant with said assignce, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

I/we hereby authorize the attorney, <u>Matthew A. Leff</u> or an attorney with Power of Attorney in this application, to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

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ê.	PATEN Attorney Docket Number <u>BAN-ONC-00002</u>
	U.S. Serial No.
	Filing Date
	PCT Appl. No
ASSIGNMENT AND AGREEMEN	
Signed at Yokohama - Shī this 017	day of September, 2009
Hidetomo Furuyama	Yasuhiro Goto
Nobuhiko Kawanishi	Takashi Mita
Akira Naya Ala Chozatz	Yoshio Ogino
Yu Onozaki V	Toshibiro Sakamoto
Personally appeared before me the above-named Hidetomo Furuyan Naya Yoshio Ogin	مع na Yasuhiro Goto Nobuhiko Kawanishi Takashi Mita Akira o Yu Onozaki Toshihiro Sakamoto
to me known and known to me to be the person(s) who executed the foregoin a_{1}	
their free act and deed this <u>17th</u> day of <u>September</u> , 2009	
	Asar Yokojana
	Witness

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Attorney Docket Number <u>BAN-ONC-00002</u>
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ASSIGNMENT AND AGREEMENT

For value received, I/we, Hidetomo Furuyama, Yasuhiro Goto, Nobuhiko Kawanishi, Takashi Mita, Akira Naya, Yoshio Ogino, Yu Onozaki, Toshihiro Sakamoto,

residing at: Ashigarakami-gun, Japan; Tachikawa-shi, Japan; Moriya-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Tsukuba-shi, Japan; Yokohama-shi, Japan; Moriya-shi, Japan; respectively,

hereby sell, assign and transfer to Banyu Pharmaceutical Co., Ltd., a corporation having an office at Kitanomaru Square, 1-13-12, Kudankita, Chiyoda-ku, Tokyo 102-8667, Japan and its successors, assigns and legal representatives, my/our entire right, title and interest, for all countries, in and to certain inventions relating to INHIBITORS OF AKT ACTIVITY

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I/we agree that, when requested, I/we will, without charge to said assignce but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignce, its successors, assigns and legal representatives or nominees.

I/we covenant with said assignce, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

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Attorney Docket Number BAN-ONC-00002	_
U.S. Serial No	_
Filing Date	_
PCT Appl. No.	_
Filing Date	_

ASSIGNMENT AND AGREEMENT

Signed at Mosinga-shi this ____ day of September, 2009

Hidetomo Furuyama

Yaşuhiro Goto

Takashi Mita

Nobuhiko Kawanishi

Akira Naya

Yu Onozaki

Yoshio Ogino kamo! estutio Toshihiro Sakamoto

Personally appeared before me the above-named Hidetomo Furuyama Yasuhiro Goto Nobuhiko Kawanishi Takashi Mita Akira Naya Yoshio Ogino Yu Onozaki Toshihiro Sakamoto

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be

their free act and deed this _____ day of <u>September</u>, 2009____.

Isav Yokojama

Witness

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RECORDED: 05/16/2014