#### 10/24/2018 505155978

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5202745

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JUNICHI FUKUI	10/18/2018
KUNIHIRO MUSASHI	10/19/2018
YOSHINORI TANAKA	10/18/2018

### **RECEIVING PARTY DATA**

Name:	NIPPON FRONTIER MEDICINE LABORATORIES, INC.		
Street Address:	5-52, FUDEGASKI-CHO, TENNOII-KU, OSAKA-SHI		
City:	OSAKA		
State/Country:	JAPAN		
Postal Code:	543-0027		

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

Property Type	Number	
Application Number:	35502766	

### CORRESPONDENCE DATA

Fax Number: (212)246-8925

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

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

(212) 708-1800 Phone: Email: ostanford@ladas.com **Correspondent Name:** LADAS & PARRY LLP

Address Line 1: 1040 AVENUE OF THE AMERICAS Address Line 4: **NEW YORK, NEW YORK 10018-3738** 

ATTORNEY DOCKET NUMBER:	UD 053179-2
NAME OF SUBMITTER:	RAYMOND A. DIPERNA
SIGNATURE:	/Raymond A. DiPerna/
DATE SIGNED:	10/24/2018

## **Total Attachments: 9**

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> **PATENT REEL: 047289 FRAME: 0080**

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PATENT REEL: 047289 FRAME: 0081

Practitioner's Docket No. <u>UD 053179-2</u>		PATENT
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		[ ] U.S. Provisional Application
	For: For:	[ ] U.S. Patent
	By:	[ ] PCT Application Multiple Inventors
ASSIGNMENT OF INVEN	TION (	(MULTIPLE INVENTORS)
In consideration of the payment by ASSIGI the receipt of which is hereby acknowledged, a		ASSIGNOR of the sum of One Dollar (\$1.00), other good and valuable consideration,
ASSIGNORS (Inventors):		
Junichi FUKUI	c/o Inc	Nippon Frontier Medicine Laboratories,
(type or print name of inventors)	5-5	2, Fudegaski-cho, Tennoji-ku, Osaka-shi
	Os	aka 543-0027, Japan
	Ado	lress
	***************************************	Japanese
	***************************************	Nationality
Kunihiro MUSASHI	c/o Inc	Nippon Frontier Medicine Laboratories,
	5-5	2, Fudegaski-cho, Tennoji-ku, Osaka-shi
	Os	aka 543-0027, Japan
	Add	lress
		Japanese
		Nationality
Yoshinori TANAKA	c/o Inc	Nippon Frontier Medicine Laboratories,
		2, Fudegaski-cho, Tennoji-ku, Osaka-shi
	y	nka 543-0027, Japan
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(Assignment of Invention–Multiple Inventors–page 1 of 3) 16-3.2 **PATENT** 

Nationality

entity to whom invention was previously assigned corded in PTO, add the following)
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5-52, Fudegaski-cho, Tennoji-ku, Osaka-shi
Address
Osaka 543-0027, Japan
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I Kunihiro MUSASHI Yoshinori TANAKA
plete (a), (b), (c), (d), (e), (f) or (g))  natent application executed on even date herewith patent application executed on rovisional application naming the above inventor(s) for the nation with 37 C.F.R. 3.21 for recordal of this assignment, I, an R signing below, hereby authorize and request my attorney low the filing date and application number when they own.  issional patent application no. 35/502,766  1, 2016. nation no. PCT/

(Assignment of Invention–Multiple Inventors–page 2 of 3) 16-3.2 **PATENT** 

(also check (g), if foreign application(s) is also being assigned)

(g) [ ] and any legal equivalent thereof in a foreign 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 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 further covenants 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 ASSIGNOR 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.

IN WITNESS WHEREOF, We have hereunto set hand and scal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Tunichi Fukui	<u>(</u>	October 1
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(Assignment of Invention-Multiple Inventors-page 3 of 3) 16-3.2

Practitioner's Docket No. <u>UD 053179-2</u>	PATENT
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ASSIGNMENT OF INVENT	ION (MULTIPLE INVENTORS)
In consideration of the payment by ASSIGNE the receipt of which is hereby acknowledged, and	EE to ASSIGNOR of the sum of One Dollar (\$1.00), if for other good and valuable consideration,
ASSIGNORS (Inventors):	
Junichi FUKUI	c/o Nippon Frontier Medicine Laboratories, Inc.
(type or print name of inventors)	5-52, Fudegaski-cho, Tennoji-ku, Osaka-shi Osaka 543-0027, Japan
	Address
	Japanese
Kunihiro MUSASHI	c/o Nippon Frontier Medicine Laboratories, Inc.
	5-52. Fudegaski-cho, Tennoji-ku, Osaka-shi Osaka 543-0027, Japan
	Osaka 343-0027, Japan
	Address
	Japanese
Yoshinori TANAKA	Nationality c/o Nippon Frontier Medicine Laboratories, Inc.
***************************************	5-52, Fudegaski-cho, Tennoji-ku, Osaka-shi
	Osaka 543-0027, Japan
	Address
	Japanese
	Nationality

Address

(Assignment of Invention–Multiple Inventors–page 1 of 3) 16-3.2 **PATENT** 

Nationality

Added p	page(s) for s	ignature by sub	sequent inventor	s. Number of pages	added
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Japanese Nationality	· · · · · · · · · · · · · · · · · · ·			Osaka 543-0027.	Japan
and the	successors,	assigns and lega	al representatives	of the ASSIGNEE	
		1	(complete one of the	following)	
	an undi ted States ai	nd its territorial	percent ( possessions ng box, if foreign rig	_%) right, title and	ned)
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Name of	inventor(s)	Junichi FU	JKUI Kui	nihiro MUSASHI	Yoshinori TANAKA
			l complete (a), (b), (c	r), (d), (e), (f) or (g))	
and which i (a) (b) (c)	is found in ( [ ] [ ] [ ]	Not yet filed U Not yet filed U above-entitled: To con ASSIG to inset	.S. patent applica .S. patent applica .S. provisional application of the control	.R. 3.21 for recorda low, hereby authori	the above inventor(s) for the all of this assignment, I, an ize and request my attorney ton number when they
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(Assignment of Invention–Multiple Inventors–page 2 of 3) 16-3.2 **PATENT** 

(also check (g), if foreign application(s) is also being assigned)

(g) [ ] and any legal equivalent thereof in a foreign country, including the right to claim priority

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IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Junichi F	UKUI			
(type name	of Assignor)	Signature of ASSIGNOR	this	date of signing
Kunihiro MUSASHI		Kuibler Musqs bi		19. Oct. 201.
(type name	of Assignor)	Signature of ASSIGNOR	this	date of signing
Yoshinor	i TANAKA			
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(Assignment of Invention-Multiple Inventors-page 3 of 3) 16-3.2

Practitioner's Docket No. <u>UD 053179-2</u>	PATENT			
	For: [x] U.S. and/or [ ] Foreign Rights For: [x] U.S. Application or [ ] U.S. Provisional Application			
	For: [ ] U.S. Patent For: [ ] PCT Application By: Multiple Inventors			
ASSIGNMENT OF INVEN	TION (MULTIPLE INVENTORS)			
In consideration of the payment by ASSIG: the receipt of which is hereby acknowledged, a ASSIGNORS (Inventors):	NEE to ASSIGNOR of the sum of One Dollar (\$1.00), and for other good and valuable consideration,			
Junichi FUKUI	c/o Nippon Frontier Medicine Laboratories, Inc.			
(type or print name of inventors)	5-52, Fudegaski-cho, Tennoji-ku, Osaka-shi			
	Osaka 543-0027, Japan			
	Address			
	Japanese			
	Nationality			
Kunihiro MUSASHI	c/o Nippon Frontier Medicine Laboratories, Inc.			
	5-52, Fudegaski-cho, Tennoji-ku, Osaka-shi			
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(Assignment of Invention–Multiple Inventors–page 1 of 3) 16-3.2 **PATENT** 

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(Assignment of Invention–Multiple Inventors–page 2 of 3) 16-3.2 **PATENT** 

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Junichi FUKUI				
(type name of Assignor)	Signature of ASSIGNOR	this	date of signing	
Kunihiro MUSASHI				
(type name of Assignor)	Signature of ASSIGNOR	this	date of signing	
Yoshinori TANAKA	Yoshimoti Tamaka		October 18 120/4	
(type name of Assignor)	Signature of ASSIGNOR	this	date of signing	
(type name of Assignor)	Signature of ASSIGNOR		date of signing	
(type name of Assignor)	Signature of ASSIGNOR		date of signing	
tif ASSIGNOR is a lega	l entity, complete the following informatio	n)		
		(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)		
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	galization is necessary. If the assignment is of execution, 35 USC 261. Use next page			
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(Assignment of Invention-Multiple Inventors-page 3 of 3) 16-3.2