505571365 07/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5618163

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MASASHI IKEUCHI	07/01/2019
KAZUHIRO KAWAMURA	07/08/2019
FUTOSHI INOUE	07/03/2019

RECEIVING PARTY DATA

Name:	THE UNIVERSITY OF TOKYO
Street Address:	3-1, HONGO 7-CHOME
City:	BUNKYO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	113-8654
Name:	ST. MARIANNA UNIVERSITY SCHOOL OF MEDICINE
Street Address:	16-1, SUGAO 2-CHOME, MIYAMAE-KU
City:	KAWASAKI-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	216-8511
Name:	KITAZATO CORPORATION
Street Address:	81, NAKAJIMA
City:	FUJI-SHI, SHIZUOKA
State/Country:	JAPAN
Postal Code:	416-0907

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16511540

CORRESPONDENCE DATA

Fax Number: (703)836-2212

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.

Phone: 703-836-6620

Email: mayra.castillo@bipc.com

Correspondent Name: BUCHANAN, INGERSOLL & ROONEY PC

Address Line 1: POST OFFICE BOX 1404

PATENT

505571365 REEL: 049753 FRAME: 0398

Address Line 4: AL	EXANDRIA, VIRGINIA 22313-1404
ATTORNEY DOCKET NUMBER:	1018961-000135
NAME OF SUBMITTER:	MAYRA E. CASTILLO
SIGNATURE:	/MAYRA E. CASTILLO/
DATE SIGNED:	07/15/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6	•
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COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As one of the below hamed	inventors, I hereby	declare that this C	ombined Decla	ration and Assigr	ment
directed to:					
1886 - BANGARAN BANG					
	S. application number	or PCT internation	ial application nu	ımber filed	on
하다 하다 하는 사람이 그렇게 뭐요?	, entitled;				
(2) 🛭 the	attached application	entitled INSTRUM	ENT FOR FIXE	DLY TRANSPLAN	ITING
	<u>/ING BODY ÈMBRYC</u>				

<u>DECLARATION</u>

As one of the below named inventors, I further declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

<u>ASSIGNMENT</u>

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in an application for Letters Patent of the United States, which is a nonprovisional application:

WHEREAS, THE UNIVERSITY OF TOKYO, a university duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan, ST. MARIANNA UNIVERSITY SCHOOL OF MEDICINE, a university duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 16-1, Sugao 2-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-8511 Japan, and KITAZATO CORPORATION, a corporation duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 81, Nakajima, Fuji-shi, Shizuoka 416-0907 Japan, and (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer,

Buchanan Ingersoll & Rooney PC

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and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for their own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

1 Jah 12119 Masashi IKEUCHI Magali Lludh
1 July , 2019 Summin March / Keech
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COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As one of the below named inventors, I hereby declare that this Combined Declaration and Assignment is

directed to:			
	(1)		U.S. application number or PCT international application number, filed on, entitled;
	(2)		the attached application entitled <u>INSTRUMENT FOR FIXEDLY TRANSPLANTING</u> LIVING BODY EMBRYO INTO UTERUS.
			<u>DECLARATION</u>
As one of the	woled	name	d inventors, I further declare that:
The a	bove-i	dentiñ	ed application was made or authorized to be made by me.
I belie	ve tha	it Lam	an original joint inventor of a claimed invention in the application.
I have	revie	wed a	nd understand the contents of the above-identified application, including the claims.
			eduty to disclose to the U.S. Patent and Trademark Office all information known to me illty as defined in Title 37, Code of Federal Regulations, § 1.56.
I here 18 U.S.C. 100	by ac	knowl ine or	edge that any willful false statement made in this declaration is punishable under imprisonment of not more than five (5) years, or both.

ASSIGNMENT

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in an application for Letters Patent of the United States, which is a nonprovisional application;

WHEREAS, THE UNIVERSITY OF TOKYO, a university duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 3-1. Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan, ST, MARIANNA UNIVERSITY SCHOOL OF MEDICINE, a university duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 16-1. Sugao 2-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-8511 Japan, and KITAZATO CORPORATION, a corporation duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 81, Nakajima, Fuji-shi, Shizuoka 416-0907 Japan, and (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer,

Buchman Ingersoll & Hooney Pc

Attorney Docket No. 1016961-000135 Client Reference No. F209PCT/US Application No. Unassigned Page 2 of 2

and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for their own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

7/8/20/9 Kazuhiro KAWAMURA 3.4/1/20/1 Name Signature

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Page 1 of 2

COMBINED DECLARATION AND ASSIGNMENT (JOINT)

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	(1)		U.S. application number or PCT international application number, filed on
	(2)	123	the attached application entitled <u>INSTRUMENT FOR FIXEDLY TRANSPLANTING</u> LIVING BOOY EMBRYO INTO UTERUS.
			<u>DECLARATION</u>
As one of	the below	name	od inventors, I further declare that:
T.	he above-	dentif	ed application was made or authorized to be made by me.
* 1	believe tha	il am	an original joint inventor of a claimed invention in the application.
3.1	have revie	wed a	and understand the contents of the above-identified application, including the claims.
			e duty to disclose to the U.S. Patent and Trademark Office all information known to me ility as defined in Title 37, Code of Federal Regulations, § 1.56
18 U.S.C.	hereby ac	know ine or	ledge that any willful false statement made in this declaration is punishable under imprisonment of not more than five (5) years, or both,

ASSIGNMENT

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WHEREAS, THE UNIVERSITY OF TOKYO, a university duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan, ST, MARIANNA UNIVERSITY SCHOOL OF MEDICINE, a university duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 16-1, Sugao 2-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-8511 Japan, and KITAZATO CORPORATION, a corporation duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 81, Nakajima, Fuji-shi, Shizuoka 416-0907 Japan, and (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, litts, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

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Buchanan Ingersoll & Rooney re

Attorney Docket No. 1018961-000135
Client Reference No. F209PCT/US
Application No. Unassigned
Page 2 of 2

and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for their own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and egree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

July 3, 2019 Futoshi INOUE Signature

PATENT REEL: 049753 FRAME: 0405

RECORDED: 07/15/2019