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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASAMI ARAI	03/23/2018
SACHIO NOMURA	03/23/2018
YURIKO NEMOTO	03/23/2018
TAKUYA YOTANI	03/23/2018

RECEIVING PARTY DATA

Name:	JAPANESE FOUNDATION FOR CANCER RESEARCH
Street Address:	3-8-31, ARIAKE
City:	KOTO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	135-8550
Name:	SEKISUI MEDICAL CO., LTD.
Street Address:	1-3, NIHONBASHI 2-CHOME
City:	CHUO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	103-0027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15766631

CORRESPONDENCE DATA

(703)413-2220 Fax Number:

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) 413-3000 cgorham@oblon.com Email: **Correspondent Name:** OBLON, ET AL. 1940 DUKE STREET Address Line 1:

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 512601US NAME OF SUBMITTER: **CARLA M GORHAM**

SIGNATURE:	/Carla M Gorham/
DATE SIGNED:	04/06/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4	
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Title of Invention	TUMOR DETERMINATION METHOD	
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT international app filed on October 7, 2016	dication number PCT/JP2016/079969
The above-identifie	ad application was made or authorized to be made by	me,
I believe that I am t	he original inventor or an original joint inventor of a	claimed invention in the application.
	APANESE FOUNDATION FOR CANCER RESEA EKISUI MEDICAL CO., LTD.	RCH and
8550 Japan and 2) acquiring interests	d to as "ASSIGNEES") having places of business 1-3, Nihonbashi 2-chome, Chuo-ku, Tokyo 103-002 in the entire right, title and interest in and to said in refore in the United States and its territorial possession.	27 Japan, respectively are desirous of jointly exertion and in and to any Letters Patent that
acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter interest in and to a	FORE, in consideration of the sum of FIVE DOLI for other good and valuable consideration, I, by the full and exclusive right to the said invention in the full and exclusive right to claim priority under the national Treaties and Arrangements from the afores my and all Letters Patent which may be granted the any and all foreign countries and in and to any newals thereof.	tese presents do sell, assign and transfer unto the United States and its territorial possessions the terms of the International Convention and said application) and the entire right, title and terefor in the United States and its territorial
any and all foreign assignces of my er their successors and	ze and request the Patent Office Officials in the Un countries to issue any and all of said Letters Paten tire right, title and interest in and to the same, for ti d assigns, to the full end of the term for which said would have been held by me had this Assignment is	at, when granted, to said ASSIGNEES as the the sole use and behoof of said ASSIGNEES, it Letters Patent may be granted, as fully and
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	eledge that any willful false statement made in this de ment of not more than five (5) years, or both.	eclaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	`
Inventor: Masami	ARAI	Date: March 23, 2018
Signature:	lasami Arai	•

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
<u>2) S</u>	APANESE FOUNDATION FOR CANCER RESEARCH and EKISUI MEDICAL CO., LTD.
8550 Japan and 2) acquiring interests	to as "ASSIGNEES") having places of business at: 1) 3-8-31. Ariake, Koto-ku, Tokyo 135-1-3. Nihonbashi 2-chome, Chuo-ku, Tokyo 103-0027 Japan, respectively are desirous of jointly in the entire right, title and interest in and to said invention and in and to any Letters Patent that refore in the United States and its territorial possessions and in any and all foreign countries;
acknowledged, and said ASSIGNEES, and in all foreign of other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions puntries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF	INVENTOR
Inventor: Sachio	
Signature:	Sachio Nomun

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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
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LEGAL NAME OF		
Inventor: Yuriko	NEMOTO Date: March 23, 2018	
Simustore: V.	when Nemoto	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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As the below name	inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT international application number PCT/JP2016/07996 filed on October 7, 2016	<u>i9</u>
The above-identifie	application was made or authorized to be made by me.	
I believe that I am t	e original inventor or an original joint inventor of a claimed invention in the application	i.
	PANESE FOUNDATION FOR CANCER RESEARCH and SKISUI MEDICAL CO., LTD.	
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LEGAL NAME OF	INVENTOR	
Inventor: Takuya	OTANI Date: March 23, 2018	
Signature:	akuva Yotani	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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> PATENT REEL: 045462 FRAME: 0310

RECORDED: 04/06/2018