

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3780305

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TATSUMI YAMAZAKI	08/08/2014
HISAFUMI OKABE	07/28/2014
SHINTA KOBAYASHI	06/30/2014
TAKESHI WATANABE	08/07/2014
KOICHI MATSUBARA	05/27/2014
OSAMU NATORI	07/22/2014
ATSUHIKO KATO	08/06/2014
MASAMI SUZUKI	07/28/2014
RECEIVING PARTY DATA	
Name:	CHUGAI SEIYAKU KABUSHIKI KAISHA
Street Address:	5-1, UKIMA 5-CHOME, KITA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1158543
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15042548
CORRESPONDENCE DATA	
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<i>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.</i>	
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Correspondent Name:	JODI L. CONNOLLY, KLARQUIST SPARKMAN LLP
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ATTORNEY DOCKET NUMBER:	6235-92934-02
NAME OF SUBMITTER:	JODI L. CONNOLLY
SIGNATURE:	/Jodi L. Connolly/

PATENT

DATE SIGNED:	03/11/2016
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Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, Tatsumi Yamazaki of Tokyo, Japan, Hisafumi Okabe of Shizuoka, Japan, Shinta Kobayashi of Helios, Singapore, Takeshi Watanabe of Shizuoka, Japan, Koichi Matsubara of Helios, Singapore, Osamu Natori of Helios, Singapore, Atsuhiko Kato of Shizuoka, Japan, and Masami Suzuki of Shizuoka, Japan, have invented a certain invention, entitled **CANCER STEM CELL-SPECIFIC MOLECULE**, for which the following patent applications have been filed, and are collectively referred to as "the patent applications":

Japanese Application No. 2011-237438, filed on October 28, 2011;

Japanese Application No. 2012-091142, filed on April 12, 2012;

International Application No. PCT/JP2012/077714, filed on October 26, 2012; and

U.S. Application No. 14/354,517, filed on April 25, 2014.

WHEREAS, CHUGAI SEIYAKU KABUSHIKI KAISHA, a corporation organized under the laws of Japan, having a place of business at 5-1, Ukima 5-chome, Kita-ku, Tokyo, 115-8543 JAPAN, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Tatsumi Yamazaki, Hisafumi Okabe, Shinta Kobayashi, Takeshi Watanabe, Koichi Matsubara, Osamu Natori, Atsuhiko Kato, and Masami Suzuki, hereby sell, assign, and transfer to CHUGAI SEIYAKU KABUSHIKI KAISHA, the full and exclusive right, title, and interest in and to said invention, patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by CHUGAI SEIYAKU KABUSHIKI KAISHA, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to CHUGAI SEIYAKU KABUSHIKI KAISHA, or its successors and assigns, any

facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid CHUGAI SEIYAKU KABUSHIKI KAISHA, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to CHUGAI SEIYAKU KABUSHIKI KAISHA.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

At Tokyo, Japan
(City and Country)
on this 8th day of August, 2014.

Tatsumi Yamazaki
Tatsumi Yamazaki

This 8th day of August, 2014, before me personally came the above-named Tatsumi Yamazaki, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Tatsumi Yamazaki's own free will for the purpose set forth therein.

Witnessed by: Yutaka Tanaka
Printed Name: Yutaka Tanaka

Hisafumi Okabe

Hisafumi Okabe

At Gotemba, Japan
(City and Country)

on this 28th day of July, 2014.

This 28th day of July, 2014, before me personally came the above-named Hisafumi Okabe, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Hisafumi Okabe's own free will for the purpose set forth therein.

Witnessed by: Takashi Yoshikubo

Printed Name: Takashi Yoshikubo

Shinta Kobayashi

Shinta Kobayashi

At Princeton USA
(City and Country)

on this 30th day of June, 2014.

This 30th day of June, 2014, before me personally came the above-named Shinta Kobayashi, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Shinta Kobayashi's own free will for the purpose set forth therein.

Witnessed by: Suzanne Christen

Printed Name: Suzanne Christen

Takeshi Watanabe
Takeshi Watanabe

At Costume, Japan
(City and Country)

on this 7th day of August, 2014.

This 7th day of August, 2014, before me personally came the above-named Takeshi Watanabe, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Takeshi Watanabe's own free will for the purpose set forth therein.

Witnessed by: Masaki Yamazaki

Printed Name: Masaki Yamazaki

Koichi Matsubara
Koichi Matsubara

At Singapore Singapore
(City and Country)

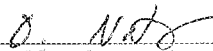
on this 27th day of May, 2014.

This 27 day of May, 2014, before me personally came the above-named Koichi Matsubara, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Koichi Matsubara's own free will for the purpose set forth therein.

Witnessed by: Suzanna H. Bong

Printed Name: SUZANNA H. BONG

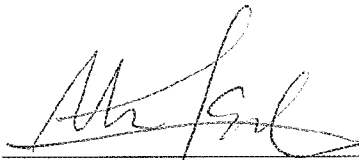
At Yokohama Japan
(City and Country)
on this 22nd day of July, 2014.


Osamu Natori

This 22nd day of July, 2014, before me personally came the above-named Osamu Natori, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Osamu Natori's own free will for the purpose set forth therein.

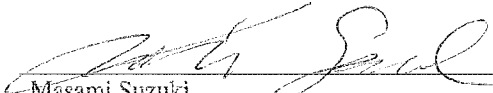
Witnessed by: Kiyotaka Nakano
Printed Name: Kiyotaka Nakano

At Gotemba, Japan
(City and Country)
on this 6th day of August, 2014.


Atsuhiko Kato

This 6th day of August, 2014, before me personally came the above-named Atsuhiko Kato, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Atsuhiko Kato's own free will for the purpose set forth therein.

Witnessed by: Hiromi Suzuki
Printed Name: Hiromi Suzuki


Masami Suzuki

At Osaka, Japan
(City and Country)
on this 28th day of July, 2014.

This 28th day of July, 2014, before me personally came the above-named Masami Suzuki, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Masami Suzuki's own free will for the purpose set forth therein.

Witnessed by: Takashi Yoshikubo

Printed Name: Takashi Yoshikubo