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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Boon Hwa Andre Choo	06/16/2011
Wey Jia Fong	06/16/2011

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13583546

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NAME OF SUBMITTER:	Charles E. Lyon

Total Attachments: 3

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> PATENT REEL: 028933 FRAME: 0116

OP \$40.00 13583546

ASSIGNMENT OF INVENTION, INTERNATIONAL PATENT APPLICATION AND RELATED INTELLECTUAL PROPERTY RIGHTS

Parties:

1 'The Inventors'

CHOO, Boon Hwa Andre of c/o Bioprocessing Technology Insitute, 20 Biopolis Way, #06-01, Centros, 138668 Singapore

-and-

FONG, Wey Jia of c/o Bioprocessing Technology Insitute, 20 Biopolis Way, #06-01, Centros, 138668 Singapore

2 'The Assignee'

Agency for Science, Technology and Research (a body corporate organised under the laws of Singapore) of 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632

Recitals:

- (A) The Inventors are the joint inventors of the invention or inventions entitled Use of markers of undifferentiated pluripotent stem cells ("the Invention") for which International PCT Application No. PCT/SG2011/000095 has been filed ("the PCT Application")
- **(B)** The Inventors have agreed to execute this Assignment in order to confirm and ensure that, as between the Inventors and the Assignee, their contributions to the Invention belong to the Assignee

Operative provisions:

In consideration for the payment of good and valuable consideration by the Assignee to the Inventors the receipt and sufficiency of which is hereby acknowledged by the Inventors:

- 1 The Inventors and each of them hereby sell and assign to the Assignee absolutely and free from incumbrances and with effect from immediately prior to the filing of the PCT application:
- 1.1 all their rights title and interest in and all countries of the world in to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

PATENT REEL: 028933 FRAME: 0117

- 1.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;
- 1.3 all such rights as they may have to claim priority from all patent applications (if any) from which priority is claimed in the PCT Application in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the PCT Application;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors had this assignment not been made.

- The Inventors hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any patent applications in any countries or regions of the world which fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of any Patent Office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have not represented the Inventors and will continue to represent only the Assignee and its successors in title with respect to the Invention and all patent applications relating thereto.
- The Inventors hereby UNDERTAKE that at the request and cost of the Assignee or its successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
- The Inventors hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.
- 5 This assignment and undertaking shall be binding upon the heirs, executors, administrators, successors and/or assigns of the Inventors and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.
- This agreement shall be governed by and interpreted in accordance with the laws of England, and the courts of England shall have exclusive jurisdiction to settle any disputes which may arise in connection with this agreement.

AS WITNESS the signatures of the Inventors and of a duly authorised officer or officers of the Assignee

PATENT REEL: 028933 FRAME: 0118

SCHEDULE

United States Patent Application No. 61/312,310 dated 10 March 2010

SIGNED by CHOO, Boon Hwa Andre	
at: Sugapore	
on:1 b JUN 2011	Signature:
	Olgriditaro.
in the presence of:	
Witness (M)	
Signature:	
Name: 2424 Briggirany	
Address 30 Bromolis Street	
3612 xiMoH CO-POE	8671
SIGNED by FONG, Wey Jia	
at: Sugapare	21.
on: 1 6 JUN 2011	Signatura
	Signature:
in the presence of:	
Witness	
Signature:\\\\.\\\	
Name: Zuzy Braggizany	
Address: 30 Buppoles Street	
XMSM CO-POE	
3138671	
SIGNED for and on behalf of Agency	for Science, Technology and Research
at: Singapore	or objerice, recrimology and rescard
on: 20 Jun 2011	
	Signature: <u>kupes AN SACHI</u>
in the presence of:	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
Witness Signature: Kohorchi	Position:
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RECORDED: 09/11/2012

PATENT REEL: 028933 FRAME: 0119