

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Steve Oh	11/30/2010
Shaul Reuveny	12/06/2010
Allen Chen	01/13/2011

RECEIVING PARTY DATA

Name:	Agency for Science, Technology and Research
Street Address:	1 Fusionopolis Way #20-10, Connexis
City:	Singapore
State/Country:	SINGAPORE
Postal Code:	138632

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12917210

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0206.81
NAME OF SUBMITTER:	Tracy E. Crispino

Total Attachments: 12
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**PATENT
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**ASSIGNMENT OF INVENTION, US PATENT APPLICATION
AND RELATED INTELLECTUAL PROPERTY RIGHTS**

Parties:

1 'The Inventors'

Shaul REUVENY of c/o Bioprocessing Technology Institute
20 Biopolis Way, #06-01, Centros, Singapore 138668

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 Microcarriers for Stem Cell Culture (hereinafter referred to as "the Invention") the specification of which was filed on 1 November 2010 in the USPTO as United States Patent Application No. 12/917,210 (hereinafter referred to as "the Application")

(B) The Inventors have agreed to execute this Assignment in order to confirm and ensure that, as between them and the Assignee, their contributions to the Invention belong to the Assignee

(C) The Application has been filed in the name of the Inventors, as required by US law

(D) The Inventors have further agreed to execute this Assignment of all their respective rights title and interest in, to, under and arising from the Application to the Assignee

Operative provisions:

1 For the payment of good and valuable consideration by the Assignee to each of the Inventors (the receipt and sufficiency of which are hereby acknowledged by the Inventors) the Inventors hereby sell and assign to the Assignee absolutely and free from incumbrances and with effect from the date of filing of the Application all their rights title and interest in the United States and all other countries of the world in to and under the Invention.

2.1 For the payment of good and valuable consideration by the Assignee to each of the Inventors (the receipt and sufficiency of which are hereby acknowledged by the Inventors) the Inventors hereby sell and assign to the Assignee and with effect from the date of filing of the

Application absolutely and free from incumbrances all their rights title and interest in, to, under and arising from the Application including any divisionals, continuations, continuations-in-part, re-issues, re-examinations, renewals, and extensions thereof, and the right to apply for prosecute and obtain patent and other industrial property protection throughout the world in respect of the invention or inventions which are the subject of the Application, and the right to claim priority from the Application in any and all such applications, and all such rights title and interest in to and under all such applications as they each may own (if any), and any and all patents that may be granted pursuant to any of the aforesaid applications 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 from any of the aforesaid patents and applications 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; the said interest being the entire ownership of all said Letters Patent when granted, to be held and enjoyed by the Assignee to the full end of the term for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Inventors if this assignment had not been made.

2.2 The Inventors authorize and request the Commissioner of Patents to issue the said Letters Patent to the Assignee.

2.3 For the consideration aforesaid, each of the Inventors agree that they will, upon request, communicate to the Assignee or its representatives any facts known to them respecting the invention(s) or improvements of the Application, and will, upon request, but without expense to the Inventors, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, re-examination, renewal and extension applications, and generally do all other and further lawful acts deemed necessary or expedient by the Assignee or by counsel for the Assignee to assist or enable the Assignee to obtain and enforce full benefits from the rights and interests herein assigned.

3 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 future patent applications in the United States or any other countries or regions of the world (including any international (PCT) patent applications) which shall fall within the scope of clause 2 above, as may be necessary or desirable in order to comply with the rules of the United States Patent Office or any other intellectual property office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have represented only the Assignee and will continue to represent only the Assignee with respect to this invention.

4 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.

5 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.

6 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.

7 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

SCHEDULE
The Application

US Provisional Patent Application No. 12/917,210 filed 1 November 2010

SIGNED by Shaul REUVENY

at: Petah-Tikva, Israel

on: 6/12/2010

Signature: S. Reuveny

in the presence of:

Witness

Signature: [Signature]

Name: Lina Tan

Address: Bioprocessing Technology Institute, 20 Biopolis Way, #06-01 Centrix
Singapore 138668.

SIGNED for and on behalf of Agency for Science, Technology and Research

at: Singapore

on: 14 Jan 2010

Signature: [Signature]
Name: SURESAN SACHIN
Position: GENERAL COUNSEL
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

in the presence of:

Witness

Signature: [Signature]

Name: CECILIA KOH

Address: 1 FUSIONopolis Way
#20-10, CONNEXIS NORTH
SINGAPORE 138632

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SCHEDULE
The Application

US Provisional Patent Application No. 12/917,210 filed 1 November 2010

SIGNED by Allen CHEN

at: Bioprocessing Technology Institute

on: 13 Jan 11

Signature: Allen

in the presence of:

Witness

Signature: [Signature]

Name: Lin Tan

Address: Bioprocessing Technology Institute, 20 Biopolis Way, #06-01 Connexis
Singapore 138668

SIGNED for and on behalf of Agency for Science, Technology and Research

at: Singapore

on: 14 Jan 2011

Signature: [Signature]

SURESAN SACHI
GENERAL COUNSEL
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

Name:

in the presence of:

Witness

Signature: [Signature]

Name: CELIA KOH

Address: 1 FUSIONOPOLIS WAY
#20-10 CONNEXIS NORTH
SINGAPORE 138632

Position:

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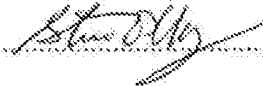
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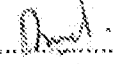
SCHEDULE
The Application

US Provisional Patent Application No. 12/917,210 filed 1 November 2010

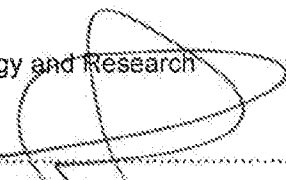
SIGNED by Steve OH
at: B. T. I., ASTAR
on: 30/11/2010
in the presence of:

Signature: 

Witness

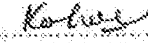
Signature: 
Name: Demavid Neo
Address: 20 Biopolis Way #06-01 Centros S(138668)

SIGNED for and on behalf of Agency for Science, Technology and Research
at: Singapore
on: 16 Dec 2010

Signature: 
Name: GANESAN SACHI
Position: GENERAL COUNSEL
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

in the presence of:

Witness

Signature: 
Name: CECILIA KOH
Address: 1 FUSIONPOLIS WAY
#20-10 CONNEX NORTH
SINGAPORE 138632