

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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|---|------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| RICHARD HOPKINS | 12/29/2016 |
| RECEIVING PARTY DATA | |
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| City: | SINGAPORE |
| State/Country: | SINGAPORE |
| Postal Code: | 239351 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15594167 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | TONY SANNY |
| SIGNATURE: | /Tony Sanny/ |
| DATE SIGNED: | 05/15/2017 |
| Total Attachments: 4 | |
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ASSIGNMENT OF INVENTION & PATENT RIGHTS

Parties

- (1) HOPKINS, RICHARD c/o Tessa Therapeutics Pte. Ltd., 46 Kim Yam Road, #01-14 The Herencia, 239351 Singapore, Singapore (the "Inventor");
- (2) TESSA THERAPEUTICS PTE. LTD. incorporated and registered in Singapore with UEN: 201120185N and whose office is at 46 Kim Yam Road, #01-14 The Herencia, 239351 Singapore, Singapore (the "Assignee").

Agreed terms

1. Definitions

The definitions in this clause apply in this Assignment.

"Completion Application" means the completion patent application, short particulars of which are set out in Part 2 of the Schedule.

"Invention" means the invention entitled CLINICAL CORRELATES OF IMMUNOTHERAPY EFFICACY, being the subject matter of the Priority Application.

"Patent Application" means the Priority Application, the Completion Application and any future applications linked by one or more priorities to the Priority Application or the Completion Application and all matter contained in such applications and any and all:

- (a) national and regional phase applications of all such applications; and
- (b) divisions, continuations and continuations-in-part of all such applications; and
- (c) patents that may be granted pursuant to any of the aforesaid applications for their full period, including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates.

"Priority Application" means the priority patent application, short particulars of which are set out in Part 1 of the Schedule.

2. Assignment

In consideration of the sum of S\$ 1.00 SGD (sufficiency and receipt of which the Inventor expressly acknowledges), the Inventor hereby assigns absolutely to the Assignee all their right, title and interest in all countries, regions and territories of the world in, to and arising from the Invention and, with effect from immediately prior to the filing of each, the Patent Application, including (but not limited to):

- (a) in respect of the Invention and any invention that shall be disclosed in, and all matter that shall be contained in, any of the Patent Applications, the right to file applications, claim priority from such applications, and prosecute and obtain grant of patent or other intellectual property protection in respect of any country, region or territory in the world;
- (b) in respect of each and any Patent Application:

- (i) the right to claim priority from and to prosecute and obtain grant of patents; and
- (ii) the right to file divisional applications based on the Patent Applications and to prosecute and obtain grant of patent on each and any such divisional application;
- (c) the right to extend to, or register in or in respect of any country, region or territory in the world, each and any of the Patent Applications and to extend to or register in, or in respect of, any country, region or territory in the world any patent or other intellectual property protection granted on any of such applications;
- (d) the absolute entitlement to any patents granted pursuant to any Patent Application; and
- (e) the right to bring, make, oppose or defend claims or actions, appeal proceedings and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of the Inventions and the Patent Applications, whether occurring before on or after the date of this Assignment.

3. Further assurance

The inventor shall, at the Assignee's cost, perform all further acts and things, and execute all further documents, required by law or which the Assignee requests to vest in the Assignee the full benefit of the right, title and interest assigned to the Assignee under this Assignment, including (but not limited to):

- (a) documents required to be signed by or on behalf of the inventor or the Assignee in the course of any applications which relate to the invention or to any inventions that shall be disclosed in any of the Patent Applications;
- (b) registration of the Assignee as applicant for, or proprietor of, the Patent Applications; and
- (c) assisting the Assignee in obtaining, defending and enforcing any of the Patent Applications, and assisting with any other proceedings which may be brought by or against the Assignee by any third party or in the resolution of any question concerning the invention, or the Patent Applications or any inventions that shall be disclosed in any of the Patent Applications.

4. Right to amend the Schedule

The inventor and the Assignee grant the firm of Mewburn Ellis LLP the right to insert in Part 2 of the Schedule to this Assignment any further identification of any existing or future patent applications in any countries, regions or territories of the world, which shall fall within the scope of clause 2 above, or as may be necessary or desirable in order to comply with the rules of a patent office for the recordal of this Assignment.

5. Counterparts

This Assignment may be executed in any number of counterparts, each of which when executed shall constitute an original of this Assignment, but all the counterparts shall together constitute the same agreement.

6. Governing law and jurisdiction

This Assignment is governed by the laws of Singapore and subject to the exclusive jurisdiction of its courts.

Schedule: The Patent Applications**Part 1: Priority Application[s]**

| Country | Application No. | Application Date | Title |
|---------|-----------------|------------------|---|
| SG | 102015099795 | 4 December 2015 | CLINICAL CORRELATES OF IMMUNOTHERAPY EFFICACY |

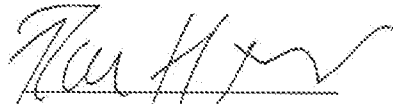
Part 2: Completion Application[s]

| Country/region | Application No. | Application Date | Title |
|----------------|-------------------|------------------|---|
| WO | PCT/SG2016/050441 | 9 September 2016 | CLINICAL CORRELATES OF IMMUNOTHERAPY EFFICACY |

Part 3: Identification of some, but not necessarily all, patent applications falling within the scope of clause 2 of this Assignment

| Country/region | Application No. | Application Date | Title | Signature for Mewburn Ellis LLP |
|----------------|-----------------|------------------|-------|---------------------------------|
| | | | | |

Executed by RICHARD HOPKINS in the presence of:


SIGNATURE OF INVENTOR

SIGNATURE OF WITNESS

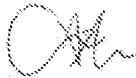
NAME: YOVITA IDA PURWANTI

ADDRESS: 73 CHOA CHUEANG LOOP #06-07, 68 9674

OCCUPATION: SENIOR RESEARCH SCIENTIST

DATE: 29/12/16

Executed by TESSA THERAPEUTICS PTE.
LTD. acting by JACOB LAW, an
authorised representative, in the presence
of:


SIGNATURE OF AN AUTHORISED
REPRESENTATIVE

SIGNATURE OF WITNESS

NAME: JOVINE LAW

ADDRESS: 8 TEMASEK ROAD #24-02

OCCUPATION: Manager

DATE: 30 Dec 2016