

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT8348239

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIFEOS GENOMICS CORPORATION	05/01/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LI-MEI TAI
<b>Street Address:</b>	2F-1, NO. 229, KAIXUAN RD., EAST DIST.
<b>City:</b>	TAINAN CITY
<b>State/Country:</b>	TAIWAN
<b>Postal Code:</b>	701041
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	10280469
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(888)388-6582
<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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<b>ATTORNEY DOCKET NUMBER:</b>	TWT04800/US
<b>NAME OF SUBMITTER:</b>	JAMES LYNN O'SULLIVAN
<b>SIGNATURE:</b>	/James Lynn O'Sullivan/
<b>DATE SIGNED:</b>	12/25/2023
<b>Total Attachments: 6</b>	
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**PATENT SECURITY AGREEMENT**

Patent Interest Grantor ( "Debtor" ): LifeOS Genomics Corporation

Address: 4F, No. 6, Dusing Rd., Hsinchu Science Park , Hsinchu, 30078, Taiwan

R.O.C.

Name of Legal Representative: Chiang Nien Tsu

Patent Interest Grantee ( "Loaner" ): Tai, Li-Mei

Address: 2F-1, No. 229, Kaixuan Rd., East Dist., Tainan City 701041, Taiwan (R.O.C.)

Date of Signing : 2022/5/1

Effective Dates : 2022/5/1 ~2027/4/30

As a condition for Lender to extend loans ( "Loan" ) that is defined by a loan agreement or any other document or instrument now or hereafter ( "Loan Documents" ) to the Debtor, Debtor agrees to enter into this Patent Security Agreement ( "Agreement" ) to grant to the Lender a security interest in three (3) US patents issued by U.S. Patent and Trademark Office (USPTO) (as defined in Schedule A) that are assigned to the Lender, together with the assigned rights, (collectively, the "Collateral" ), as a security on the Loan.

In consideration of the foregoing and agreements hereinafter set forth, the Debtor and Loaner (together, the "Parties" ) hereto agree as follows:

1. As security on the Loan, Debtor hereby grants to Lender a continuing security interest in 3 US patents owned by Debtor as Collateral (Schedule A).
2. Terms of the Loan that is secured by Collateral, including the Effective Dates, are specified in separate Loan Documents.
3. Debtor guarantee that Collateral is completely owned by Debtor and is clear of any liens or other claims from 3<sup>rd</sup> party. Loaner is prohibited to practice any of the claims and assigned rights for any other purpose, except the privileges defined in this Agreement.
4. The security interest granted to Lender to cover all original Loan and interests, as well as other expenses incurred by Loaner that arise from processing of the Loan secured under this Agreement, including interests, compensatory damages (including penalties), compensations, and costs associated with safe-keeping and registration of Collateral, or costs in executing Lender rights and remedies in Collateral as defined in Agreement (including fees for prosecution and attorney representation).
5. All expenses for the validity and value evaluation of Collateral that is under this Agreement will be borne by Debtor.
6. While Agreement is in effect, Debtor is required to maintain the validity and keep Collateral in good standing, and is obligated to pay for patent maintenance fee,

as well as make reasonable effort to resolve any conflicts that may damage the Collateral.

7. Under this Agreement, Debtor shall not abandon, grant other security interest, or change the issued claims of Collateral, except by explicit written consent by Loaner.
8. Under this Agreement, by written consent of Loaner, Debtor agrees to prioritize all obligations to Loaner by reimbursing Loan and associated costs that are specified by Loan Documents, when Debtor sells or licenses rights of Collateral to other parties.
9. When Loan is due and Debtor is not able to satisfy all the obligations stipulated by Loan Documents, Loaner will have the right, at his or her discretion, to liquidate Collateral by means that is permitted by law, including auction, private or public sales, and Loaner has the first priority to use the proceeds to cover the Loan and associated costs as defined thereinbefore in section 4.
10. When certain events occur as hereinafter defined as follows, Loaner will have the right to liquidate Collateral, at his or her discretion, to terminate Loan distribution, or to apply proceeds from the liquidation to repayment of Loan and associated costs to the amount that is owned, even before Loan is due:

- (1) Debtor is in bankruptcy, or in dissolution;

- (2) Debtor is in violation of terms of sections 8, 10, 12, or 13 of Agreement;
- (3) Debtor is in bankruptcy, in dissolution, or in fundamental changes of its Certificate of Incorporation or bylaws by any amendment, or repurpose of Loan, or is involved in certain law suits (or arbitration), which would adversely affect Debtor's ability to perform or comply with any of the terms Debtor hereunder in this Agreement or under any of Loan Documents.

11. Debtor agrees to pay Loaner a compensatory damages for Loaner's loss, if Debtor knowingly withhold adverse information about Collateral, such as co-ownership, contest to validity, or being confiscated or having been used as collaterals for other purposes, that results in economic loss to Loaner. If such compensatory damages are not enough to cover Loaner's loss, Debtor agrees to compensate for the deficit. Loaner has the right to request direct transfer from Debtor's bank account for such compensatory damages.

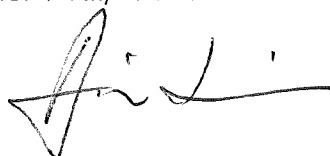
12. In case of a dispute under Agreement that can be resolved by the Parties through negotiation or mediation, the Parties agree to seek legal resolution in the location where Loaner resides.

13. There are three signed copies of this Agreement. Each of the Parties keeps a copy, and the 3<sup>rd</sup> copy is to be filed with USPTO.

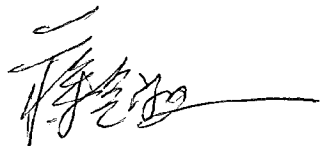
Debtor: LifeOS Genomics Corporation

Loaner : Tai, Li-Mei

Legal Representative:



Chiang Nien Tsu



Date: May 1st 2022

Date: 01/may/2022

Schedule A: The Collateral

Item	Patent Name	Application Date	Issue Date
1	MULTIPLEX NUCLEIC ACID DETECTION METHODS AND SYSTEMS	2011/10/03	2013/12/10
2	MULTIPLEX NUCLEIC ACID DETECTION METHODS AND SYSTEMS	2013/12/06	2017/01/03
3	MULTIPLEX NUCLEIC ACID DETECTION METHODS AND SYSTEMS	2016/10/18	2019/05/07