

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5676320

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTOPHER MICHAEL MICKLITSCH	08/12/2019
OSCAR ALVIZO	08/02/2019
JOVANA NAZOR	08/02/2019
HARVINDER CHAGGER MANIAR	07/03/2019
MIKAYLA JIANGHONGXIA KRAWCZYK	08/03/2019
MARGIE TABUGA BORRA-GARSKE	08/19/2019
NANDHITHA SUBRAMANIAN	08/02/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Codexis, Inc.
<b>Street Address:</b>	200 Penobscot Drive
<b>City:</b>	Redwood City
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94063
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16460376
<b>PCT Number:</b>	US1940376
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)421-8350
<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>	
<b>Email:</b>	careyna.fujimoto@codexis.com
<b>Correspondent Name:</b>	CODEXIS, INC.
<b>Address Line 1:</b>	200 PENOBSCOT DRIVE
<b>Address Line 4:</b>	REDWOOD CITY, CALIFORNIA 94063
<b>ATTORNEY DOCKET NUMBER:</b>	CX2-176US2/CX2-176WO2
<b>NAME OF SUBMITTER:</b>	MELANIE NEELY WILLIS
<b>SIGNATURE:</b>	/Melanie Neely Willis/
<b>DATE SIGNED:</b>	08/20/2019

**Total Attachments: 10**

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**ASSIGNMENT**

WHEREAS, we, the undersigned,

**Christopher Michael MICKLITSCH**, resident of **Philadelphia, Pennsylvania;**

**Oscar ALVIZO**, resident of **Fremont, California;**

**Jovana NAZOR**, resident of **Milpitas, California;**

**Harvinder Chagger MANIAR**, resident of **Hayward, California;**

**Mikayla Jianghongxia KRAWCZYK**, resident of **Palo Alto, California;**

**Margie Tabuga BORRA-GARSKE**, resident of **Palo Alto, California;**

**Nandhitha SUBRAMANIAN**, resident of **San Francisco, California;**

(referred to hereinafter as "Inventors") have invented certain new and useful inventions in "**ENGINEERED GALACTOSE OXIDASE VARIANT ENZYMES**" and have filed a U.S. patent application therefor, having Serial No. **16/460,376**, and filing date of **July 2, 2019**, and a PCT patent application therefor, having International Application No. **PCT/US2019/040376**, and filing date of **July 2, 2019** and

WHEREAS, **Codexis, Inc.**, a corporation of the State of Delaware (referred to as "Assignee"), having a place of business at **200 Penobscot Drive, Redwood City, CA 94063**, desires to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") that claim priority to said application, granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration, receipt and sufficiency of which is acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said inventions disclosed therein; (b) in and to all rights to claim priority benefit to said application, in the United States and abroad, pursuant to Title 35 U.S.C., the International Convention for the Protection of Industrial Property, or otherwise; (c) in and to all rights to apply for U.S. and foreign patents on said invention; (d) in and to any and all applications filed

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16/460,376  
International Application No.  
PCT/US2019/040376

and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a non-provisional, divisional; substitution, continuation, or continuation-in-part of any of said applications; (e) in and to each and every reissue or reexamination of any of said patents; or (f) in and to extensions of any of said patents.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, his/her respective heirs, legal representatives and assigns.

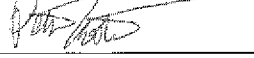
4. Said Inventors hereby warrants and represents that he/she has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors has executed and delivered this instrument to said Assignee.

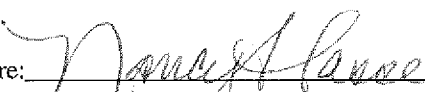
Date 8/12/2019

By:   
Christopher Michael MICKLITSCH

WITNESSES:

Signature:   
\_\_\_\_\_

Printed Name: Peter Foote

Signature:   
\_\_\_\_\_

Printed Name: Nancy Hasse

Date \_\_\_\_\_

By: \_\_\_\_\_  
**Oscar ALVIZO**

WITNESSES:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date \_\_\_\_\_

By: \_\_\_\_\_  
**Jovana NAZOR**

WITNESSES:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date \_\_\_\_\_

By: \_\_\_\_\_  
**Harvinder Chagger MANIAR**

WITNESSES:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date \_\_\_\_\_

By: \_\_\_\_\_  
**Mikayla Jianghongxia KRAWCZYK**

WITNESSES:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date \_\_\_\_\_

By: \_\_\_\_\_  
**Margie Tabuga BORRA-GARSKA**

WITNESSES:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date \_\_\_\_\_

By: \_\_\_\_\_  
**Nandhitha SUBRAMANIAN**

WITNESSES:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

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**Harvinder Chagger MANIAR**, resident of **Hayward, California**;

**Mikayla Jianghongxia KRAWCZYK**, resident of **Palo Alto, California**;

**Margie Tabuga BORRA-GARSKÉ**, resident of **Palo Alto, California**;

**Nandhitha SUBRAMANIAN**, resident of **San Francisco, California**;

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NOW, THEREFORE, in consideration of good and valuable consideration, receipt and sufficiency of which is acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said inventions disclosed therein; (b) in and to all rights to claim priority benefit to said application, in the United States and abroad, pursuant to Title 35 U.S.C., the International Convention for the Protection of Industrial Property, or otherwise; (c) in and to all rights to apply for U.S. and foreign patents on said invention; (d) in and to any and all applications filed

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16/460,376  
International Application No.  
PCT/US2019/040376

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**PATENT**  
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and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a non-provisional, divisional; substitution, continuation, or continuation-in-part of any of said applications; (e) in and to each and every reissue or reexamination of any of said patents; or (f) in and to extensions of any of said patents.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, his/her respective heirs, legal representatives and assigns.

4. Said Inventors hereby warrants and represents that he/she has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors has executed and delivered this instrument to said Assignee.

Date \_\_\_\_\_

By: \_\_\_\_\_  
**Christopher Michael MICKLITSCH**

WITNESSES:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date 08/02/19

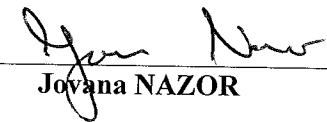
By:   
**Oscar ALVIZO**

WITNESSES:

Signature: Careyna Fujimoto  
Printed Name: Careyna Fujimoto

Signature: Kamen Macklitch  
Printed Name: KAMEN MACKLITCH

Date 8/2/2019

By:   
**Jovana NAZOR**

WITNESSES:

Signature: Careyna Fujimoto  
Printed Name: Careyna Fujimoto

Signature: Kamen Macklitch  
Printed Name: KAMEN MACKLITCH

Date 7/3/19

By: Harvinder Chh  
Harvinder Chagger MANIAR

WITNESSES:

Signature: Careyna Fujimoto  
Printed Name: Careyna Fujimoto

Signature: Kamen Mackiciti  
Printed Name: KAMEN MACKICITI

Date 8/3/19

By: Mikayla Jianghongxia  
Mikayla Jianghongxia KRAWCZYK

WITNESSES:

Signature: Careyna Fujimoto  
Printed Name: Careyna Fujimoto

Signature: Kamen Mackiciti  
Printed Name: KAMEN MACKICITI

Date 19 Aug 2019

By: Margie Tabuga  
Margie Tabuga BORRA-GARSKE

WITNESSES:

Signature: Careyna Fujimoto  
Printed Name: Careyna Fujimoto

Signature: Kamen Mackiciti  
Printed Name: KAMEN MACKICITI

Date 08/02/2019

By: N. Subramanian  
**Nandhitha SUBRAMANIAN**

WITNESSES:

Signature: Careyna Fujimoto  
Printed Name: Careyna Fujimoto

Signature: Kamrin Mariani  
Printed Name: KAMRIN MARIANI