

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4564993

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MERCK SHARP & DOHME CORP.	08/17/2017
RECEIVING PARTY DATA	
Name:	Codexis, Inc.
Street Address:	200 Penobscot Drive
City:	Redwood City
State/Country:	CALIFORNIA
Postal Code:	94063
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15491692
CORRESPONDENCE DATA	
Fax Number:	(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>	
Email:	careyna.fujimoto@codexis.com
Correspondent Name:	CODEXIS, INC.
Address Line 1:	200 PENOBSCOT DRIVE
Address Line 4:	REDWOOD CITY, CALIFORNIA 94063
ATTORNEY DOCKET NUMBER:	CX2-153US1
NAME OF SUBMITTER:	KAMRIN T. MACKNIGHT
SIGNATURE:	/Kamrin T. MacKnight/
DATE SIGNED:	08/24/2017
Total Attachments: 2	
source=CX2-153US1_Executed_MerckS&D_to_Codexis_ASSIGNMENT#page1.tif	
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ASSIGNMENT

WHEREAS, **Merck Sharp & Dohme Corp.**, (hereinafter termed "Assignor"), a corporation of the State of **New Jersey**, having an office at **126 East Lincoln Avenue, Rahway, New Jersey 07065**, desires to assign its entire right, title and interest in and to U.S. Application No. **15/491,692**, and International PCT Application No. **PCT/US2017/028370**, filed April 19, 2017, entitled "**BIOCATALYSTS AND METHODS FOR HYDROXYLATION OF CHEMICAL COMPOUNDS**" and the inventions disclosed therein, and

WHEREAS, **Codexis, Inc.** (hereinafter termed "Assignee"), a corporation of the State of **Delaware**, 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 inventions disclosed therein, and in all and to all embodiments of the inventions, heretofore conceived, made or discovered by said Assignor (all collectively hereinafter termed "said inventions", and in and to any and all patents, inventor's certifications and other forms of protection (hereinafter termed "patents) thereon 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 Assignor to have been received in full from said Assignee:

1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignee, its 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 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 Assignor hereby covenants and agrees 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 Assignor 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 inventions; and (f) for legal proceedings involving said inventions and any applications therefore and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.

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 Assignor, its successors, assigns and other legal representatives.

4. Said Assignor hereby warrants and represents that it has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS Whereof, said Assignor has executed and delivered this instrument to said Assignee.

Date 17 AUG 2017

Merck Sharp & Dohme Corp.
By: [Signature]
Name: Joseph P Milechich
Title: SVP, R&D

STATE OF New Jersey
COUNTY OF Union

On this 17 day of August, 2017 before me Darleen Shamus,
personally appeared Joseph P milechich, who proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the
person or the entity upon behalf of which the person acted, executed the instrument.

[SEAL]

[Signature]
Notary Public

DARLEEN SHAMUS
NOTARY PUBLIC OF NEW JERSEY
COMMISSION EXPIRES DECEMBER 17, 2018