

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Onorato Campopiano</td><td>03/03/2009</td></tr><tr><td>Emily Mundorff</td><td>02/13/2009</td></tr><tr><td>Birthe Borup</td><td>03/04/2009</td></tr><tr><td>Rama Voladri</td><td>03/04/2009</td></tr></tbody></table>	Name	Execution Date	Onorato Campopiano	03/03/2009	Emily Mundorff	02/13/2009	Birthe Borup	03/04/2009	Rama Voladri	03/04/2009	
Name	Execution Date										
Onorato Campopiano	03/03/2009										
Emily Mundorff	02/13/2009										
Birthe Borup	03/04/2009										
Rama Voladri	03/04/2009										
RECEIVING PARTY DATA											
Name:	Codexis, Inc.										
Street Address:	200 Penobscot Drive										
City:	Redwood City										
State/Country:	CALIFORNIA										
Postal Code:	94063										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12243968</td></tr></tbody></table>	Property Type	Number	Application Number:	12243968							
Property Type	Number										
Application Number:	12243968										
CORRESPONDENCE DATA											
Fax Number:	(650)813-4848										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	650-813-4800										
Email:	paula.hurley@dechert.com										
Correspondent Name:	Dechert LLP										
Address Line 1:	PO Box 390460										
Address Line 4:	Mountain View, CALIFORNIA 94039-0460										
ATTORNEY DOCKET NUMBER:	376247-022US (388443)										
NAME OF SUBMITTER:	Ann M. Pease										
Total Attachments: 6 source=Assignment#page1.tif											

CH \$40.00 12243968

500799164

PATENT
REEL: 022353 FRAME: 0446

source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif
source=Assignment#page6.tif

ASSIGNMENT

WHEREAS, the undersigned,

Onorato CAMPOPIANO, resident of **24733 Garwood Glen Drive, Hayward, CA 94541, U.S.A;**

Emily MUNDORFF, resident of **2612 Belmont Canyon Road, Belmont, CA 94002 U.S.A.;**

Birthe BORUP, resident of **10 Gopeng Street, #26-13, Singapore 078878;**

Rama VOLADRI, resident of **940 Cameron Circle, Milpitas, CA 95035, U.S.A;**

("referred to as "Inventor") have invented certain new and useful improvements in
"KETOREDUCTASE POLYPEPTIDES FOR THE PRODUCTION OF AZETIDINONE" and
have executed an application for U. S. Application having Serial No. **12/243,968**, filing date of
October 1, 2008, 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 invention disclosed therein, and
in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (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") 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 Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire
right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for
foreign patents on said invention pursuant to the International Convention for the Protection of Industrial
Property or otherwise; (c) 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 division, substitution, or continuation of any of
said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor 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 Inventor shall include prompt production of pertinent facts
and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other
Serial No. **12/243,968**

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 Inventor 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 Inventor, his/her respective heirs, legal representatives and assigns.

4. Said Inventor 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 Inventor has executed and delivered this instrument to said Assignee.

Date 3-Mar-2009 By: Onorato CAMPOPIANO

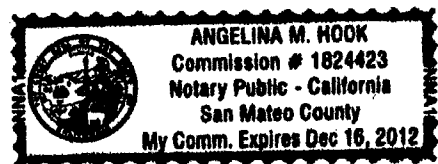
County of San Mateo)
State of California) SS.

On this 3rd day of March, in the year 2009, before me, Angelina M. Hook Notary Public, personally appeared Onorato CAMPOPIANO 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.

WITNESS my hand and official seal.

Seal

Signature Angelina M. Hook
(Notary Public)



Date 2/13/09

By: *Emily MUNDORFF*
Emily MUNDORFF

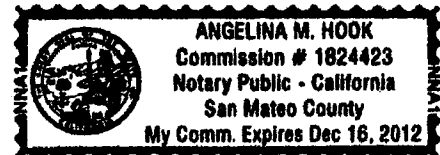
County of San Mateo)
State of California) SS.

On this 13th day of February, in the year 2009, before me, Angelina M. Hook,
Notary Public, personally appeared **Emily MUNDORFF**, 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.

WITNESS my hand and official seal.

Seal

Signature *Angelina M. Hook*
(Notary Public)



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Mateo

On March 4, 2009 before me, Angelina M. Hook, Notary Public

personally appeared Birthe Borup

Here Insert Name and Title of the Officer

Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature Angelina M. Hook
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment, Attorney Docket No: 376247-02205 (388443)

Document Date: Filing Date of 10/1/2008 for App. Number of Pages: 4

Signer(s) Other Than Named Above: Campopiano, Mundorf, Voladri (not signed on this copy)

Capacity(ies) Claimed by Signer(s)

Signer's Name: Birthe Borup

☒ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

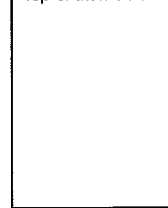
☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



Date _____

By: _____

Birthe BORUP

Witness _____

Witness _____

Date 03/04/09

By: *Rama Voladri*
Rama VOLADRI

County of San Mateo)
State of California) SS.

On this 4th day of March, in the year 2009, before me, Angelina M. Hook, Notary Public, personally appeared **Rama VOLADRI**, 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.

WITNESS my hand and official seal.

Seal

Signature *Angelina M. Hook*
(Notary Public)

