

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PFIZER INC.	02/12/2018
<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: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8288131
<b>CORRESPONDENCE DATA</b>	
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<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>	CX2-023US1
<b>NAME OF SUBMITTER:</b>	KAMRIN T. MACKNIGHT
<b>SIGNATURE:</b>	/Kamrin T. MacKnight/
<b>DATE SIGNED:</b>	02/12/2018
<b>Total Attachments: 2</b>	
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## PATENT ASSIGNMENT AND LICENSE

WHEREAS, **Pfizer Inc.**, a corporation of the State of Delaware, with a principal place of business at **235 East 42<sup>nd</sup> Street, New York, NY 10017** (referred to as "ASSIGNOR"), is the co-owner of all rights in certain new and useful improvements as described and set forth in US Patent No. 8,288,131 ("Assigned Patent")

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**, is a co-owner of said Assigned Patent, and desires to acquire the entire right, title and interest in and to said Assigned Patent, and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by Assignor (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 the Assigned Patent, granted in the United States and/or foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, its entire right, title and interest to the Assigned Patent, including, without limitation, the right to sue for past infringement, in, to and under the invention, and the patent application and any patents which may issue thereon and all divisions, renewals and continuations thereof, and all patents of the United States which may be granted thereon and all reissues, reexaminations, and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for the invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the Assigned Patent under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for

said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on the Assigned Patent, to issue the same to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR HEREBY covenants and agrees that it has the full right to convey its entire interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any material facts known to ASSIGNOR respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the inventions and Assigned Patent in all countries.

ASSIGNEE hereby grants back to the ASSIGNOR a perpetual, world-wide, non-exclusive, royalty-free, paid-up license, with the right to sublicense, to the Assigned Patent and any patent application(s) and patents that claim(s) priority to any of the Assigned Patent.

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused their duly authorized representatives to execute this Patent Assignment and License Agreement as of the dates identified below, with an effective date of February 12, 2018.

**PFIZER INC.**

By: Adrian G. Looney  
Name: ADRIAN G. LOONEY  
Title: Vice President & Assistant General Counsel  
Date: Feb. 12, 2018

**CODEXIS, INC.**

By: Kamrin T. MacKnight  
Name: Kamrin T. MacKnight  
Title: Chief Patent Counsel & Senior Director, Intellectual Property  
Date: February 12, 2018