

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7408440

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NISHANT REDDY	08/08/2021
AMIT PATEL	07/31/2021
MICHAEL PFISTERER	08/08/2021
ALEJANDRO VAZQUEZ	08/10/2021
TREVOR PENNYPACKER	06/12/2021
RECEIVING PARTY DATA	
Name:	PHAOX LLC
Street Address:	1205 BRIDLE ESTATES DR
City:	YARDLEY
State/Country:	PENNSYLVANIA
Postal Code:	19067
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17726526
Application Number:	63225440
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	6507725660
Email:	kadkins@cognitionip.com
Correspondent Name:	COGNITION IP, P.C.
Address Line 1:	201 MISSION STREET
Address Line 2:	SUITE 1200
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	1985-070110
NAME OF SUBMITTER:	EDWARD STEAKLEY
SIGNATURE:	/EDWARD STEAKLEY/
DATE SIGNED:	06/29/2022

Total Attachments: 3

source=1985-070110_Assignment#page1.tif

source=1985-070110_Assignment#page2.tif

source=1985-070110_Assignment#page3.tif

ASSIGNMENT

Amit Patel, Alejandro Vazquez, Nishant Reddy, Mike Pfisterer and Trevor Pennypacker (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **CRISPR CASCADE DETECTION METHOD** and which is a:

- (1) ☒ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application No. 63/225,440 and filed on July 23, 2021 ;
- (2) ☒ non-provisional design application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application No. 17/726,526 and filed on April 21, 2022 ;and/or
- (3) ☐ PCT application
 - (a) ☐ bearing Application No. , and filed on ;
- (4) ☐ a patent application bearing Serial No. , and filed on ;
- (5) ☐ attached hereto.

WHEREAS, Phaox LLC, a corporation having a place of business at 1205 Bridle Estates Dr, Yardley, PA 19067 and its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, conveyed and set over, and by these presents does sell, assign, transfer, convey and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right,

title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.


The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and

documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

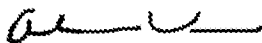
The Assignor hereby authorizes and requests the attorneys of COGNITION IP, P.C. to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents 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 applications of registrations, to issue all patents for said invention(s) to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns, in accordance of the terms of this instrument.

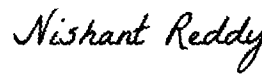
Date: 07 / 31 / 2021

By: 
Amit Patel

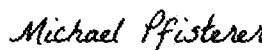
Date: 08 / 10 / 2021

By: 
Alejandro Vazquez


Date: 08 / 08 / 2021

By: 
Nishant Reddy

Date: 08 / 08 / 2021

By: 
Mike Pfisterer

Date: 08 / 12 / 2021

By: 
Trevor Pennypacker