506058517 05/13/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUANG G. ZHAO	12/14/2019
SEI-WON LAURA CHANG	12/06/2019
FELIX Y. FENG	01/27/2020

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	
Street Address:	1600 HURON PARKWAY	
Internal Address:	2ND FLOOR	
City:	ANN ARBOR	
State/Country:	MICHIGAN	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16492055

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	GENDX.017NP	
NAME OF SUBMITTER:	BRENDEN S. GINGRICH	
SIGNATURE:	/Brenden Gingrich/	
DATE SIGNED:	05/13/2020	

Total Attachments: 2

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PATENT REEL: 052653 FRAME: 0324 506058517

Application No.: 16/492055

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ASSIGNMENT

WHEREAS, Shuang G. Zhao, of Ann Arbor, Michigan, Sei-Won Laura Chang, of Ann Arbor, Michigan, and Felix Y. Feng, of Hillsborough, California, (individual(s) hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to SUBTYPING PROSTATE CANCER TO PREDICT RESPONSE TO HORMONE THERAPY (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been filed (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, THE REGENTS OF THE UNIVERSITY OF MICHIGAN, a Michigan Corporation, having an address at 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 62/469174, filed March 9, 2017), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, (including but not limited to PCT Application No. PCT/US2018/021826, filed March 9, 2018), and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and 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 on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

> **PATENT** REEL: 052653 FRAME: 0325

Application No.: 16/492055

Filing Date: September 6, 2019

Legal Name of inventor: Shuang G. Zhao 12/14/2019 Date: Signature: Signature bei ore a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation. **Legal Name of inventor**: Sei-Won Laura Chang Date: 12/6/2019 S. Laura Chang Signature: Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation. Legal Name of inventor: Felix Y. Feng Date: 1/27/2020 Felix Feng Signature: Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial

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RECORDED: 05/13/2020

documentation.

PATENT REEL: 052653 FRAME: 0326

Docket Number: GENDX.017NP

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