

## 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>
MARIOS SAVVIDES	08/01/2018
THI HOANG NGAN LE	08/01/2018
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<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15126828
<b>Application Number:</b>	61967316
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<b>SIGNATURE:</b>	/Michael G. Monyok/
<b>DATE SIGNED:</b>	08/02/2018
<b>Total Attachments: 2</b>	
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## **ASSIGNMENT**

WHEREAS, Marios Savvides of Wexford, Pennsylvania U.S.A. and Thi Hoang Ngan Le of Carnegie, Pennsylvania U.S.A. (herein collectively referred to as "ASSIGNORS"), are the owners of all right, title, and interest, for all countries, in and to any and all inventions and improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the following United States Patent Application (said inventions, improvements, and patents collectively referred to herein as "PATENT PROPERTY"):

### **METHODS AND SYSTEMS FOR DISEASE CLASSIFICATION**

for which a U.S. National Stage under 35 USC 371 entry of PCT international application number PCT/US2015/021067 filed on March 17, 2015, was filed on September 16, 2016 and assigned application serial number 15/126,828 and which claims priority to provisional application serial no. 61/967,316, filed on March 17, 2014 (herein collectively referred to as the "PATENT PROPERTY").

AND WHEREAS Carnegie Mellon University, a Pennsylvania Non-Profit Corporation, having an office at 4615 Forbes Avenue, Suite 302, Pittsburgh, Pennsylvania 15213, U.S.A. (herein "ASSIGNEE"), is desirous of acquiring ASSIGNOR'S entire right, title, and interest in and to said PATENT PROPERTY and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be bound hereby, ASSIGNORS hereby assign, sell, transfer, and sets over unto said ASSIGNEE, effective immediately, their entire right, title, and interest in and to said PATENT PROPERTY and the inventions and improvements therein disclosed or hereinafter developed for the United States and all foreign countries and any Letters Patent which may issue therefrom in the United States and all foreign countries and all divisionals, reissues, continuations, continuations in part, requests for continued examinations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country in the Union, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisionals, reissues, continuations, requests for continued examinations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment not been made.

And for the consideration aforesaid, ASSIGNORS agree that they will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNORS respecting said inventions and improvements, and will, upon request, but at ASSIGNEE'S expense, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation in part, request for continued examination, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or

expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

Dated: 8/1/2018 \_\_\_\_\_

*Marios Savvides*

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Marios Savvides

Dated: 8/1/2018 \_\_\_\_\_

*Ngan Le*

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Thi Hoang Ngan Le