

<b>PATENT ASSIGNMENT COVER SHEET</b>
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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>
CHUAN HUANG	08/28/2020
KARL SPUHLER	08/27/2020
MARIO SERRANO SOSA	08/28/2020
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17638570
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<b>NAME OF SUBMITTER:</b>	WAYNE L. ELLENBOGEN
<b>SIGNATURE:</b>	/wayne l. ellenbogen/
<b>DATE SIGNED:</b>	06/22/2022
<b>Total Attachments: 3</b>	
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source=Executed_Assignment_178_458_PCT_US#page3.tif	

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application;  
        U.S. Provisional Application;  
        U.S. Patent; or  
        PCT Application  
 By:  Inventors or  Present Owners

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

<u>Chuan HUANG</u>	<u>Karl SPUHLER</u>	<u>Mario SERRANO SOSA</u>
Name	Name	Name
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<u>CN</u>	<u>US</u>	<u>SV</u>
Nationality	Nationality	Nationality

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
 Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

The Research Foundation for the State University of New York  
 (Type or print name of ASSIGNEE)  
35 State Street  
 Address  
Albany, New York 12207  
US  
 Nationality

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest

for the United States and its territorial possessions

- and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

**DILATED CONVOLUTIONAL NEURAL NETWORK SYSTEM AND  
METHOD FOR POSITRON EMISSION TOMOGRAPHY (PET) IMAGE DENOISING**

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. provisional application naming the above inventor(s) for the above-identified invention.  
 Express Mail label No.: \_\_\_\_\_, mailed: \_\_\_\_\_  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known  
(d)  U.S. application Serial No. 17/638,570 filed on February 25, 2022.  
(e)  International application No. \_\_\_\_\_ filed on \_\_\_\_\_.  
(f)  U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.  
(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

**WARNING:** Date of signing must be the **same** as the date of execution of the application if item (a) was checked above.

ASSIGNORS:

Date: X      8/28/2020  
                    Date of signing

X        
                    Chuan HUANG

Date: X      8/27/2020  
                    Date of signing

X        
                    Karl SPUHLER

Date: X      8/28/2020  
                    Date of signing

X        
                    Mario SERRANO SOSA

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

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