

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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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>
YONG FAN	10/04/2019
HONGMING LI	10/04/2019
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	3600 CIVIC CENTER BOULEVARD
<b>Internal Address:</b>	9TH FLOOR
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19104
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17826567
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103-7501
<b>ATTORNEY DOCKET NUMBER:</b>	103241.001659 / 18-8500
<b>NAME OF SUBMITTER:</b>	FAITH POORE HOUSER
<b>SIGNATURE:</b>	/Faith Poore Houser/
<b>DATE SIGNED:</b>	02/06/2023
<b>Total Attachments: 6</b>	
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DOCKET NO.: 103241.006483 / 18-8501

### ASSIGNMENT

WHEREAS, I, **Yong Fan**, a citizen of **China**, residing at **26 Levering Circle, Bala Cynwyd, Pennsylvania 19004**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **103241.006483 / 18-8501** (“the invention”), assigned application number **16/560,235** filed on **September 4, 2019**, entitled **IMAGE REGISTRATION USING A FULLY CONVOLUTIONAL NETWORK** (“the subject application”); and which claims priority to patent application number **62/726,695** filed **September 4, 2018** (“the priority application”).

AND WHEREAS, **The Trustees of the University of Pennsylvania**, ASSIGNEE, having a place of business at **3600 Civic Center Boulevard, 9<sup>th</sup> Floor, Philadelphia, Pennsylvania 19104**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming

DOCKET NO.: 103241.006483 / 18-8501

the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 4 day of Oct, year of 2019.

*Yong Fan*  
Signature – Yong Fan

\*\*\*\*\*

**WITNESS**

Philadelphia, PA, USA  
Signed At (City/State/Country)

Hongming Li  
Name

*Hongmingli*  
Signature

Oct 04, 2019  
Date

DOCKET NO.: 103241.006483 / 18-8501

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

5/21/2020 | 11:52 AM PDT

Date

DocuSigned by:

*Jennifer Langenberger*

887E6EEC3B99A61

**Jennifer Langenberger**  
**Director, Intellectual Property**

DOCKET NO.: 103241.006483 / 18-8501

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Hongmingli  
Signature – Hongming Li

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**WITNESS**

Philadelphia, PA, USA  
Signed At (City/State/Country)

Yong Fan  
Name

Yong Fan  
Signature

Oct 04, 2019  
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*Jennifer Langenberger*

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**Jennifer Langenberger**  
**Director, Intellectual Property**