

## 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>
SHANHUI SUN	09/08/2020
QIAOYING HUANG	09/08/2020
ZHANG CHEN	09/08/2020
TERRENCE CHEN	09/08/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UII AMERICA, INC.
<b>Street Address:</b>	125 CAMBRIDGE PARK DRIVE, SUITE 204
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02140
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17014573
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>Email:</b>	patent@hard-ip.net
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<b>Address Line 4:</b>	BERKELEY HEIGHTS, NEW JERSEY 07922
<b>ATTORNEY DOCKET NUMBER:</b>	ZL0100-0003-US-1
<b>NAME OF SUBMITTER:</b>	SHUANG ZHAO
<b>SIGNATURE:</b>	/Shuang Zhao/
<b>DATE SIGNED:</b>	09/08/2020
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

WHEREAS, we,

**Shanhui Sun, Qiaoying Huang, Zhang Chen, and Terrence Chen,**  
currently or formerly associated with a business address of 125  
Cambridgepark Drive, Suite 204 Cambridge, MA 02140

hereinafter referred to as the ASSIGNORS, are inventors of one or more inventions or improvements for which an application for patent has been filed at the United States Patent and Trademark Office as U.S. Patent Application Ser. No. 17/014,573 on September 8, 2020, entitled **ESTIMATING OBJECT THICKNESS USING NEURAL NETWORKS**;

[we hereby authorize an attorney or agent for the below-identified Assignee to insert above the application number and filing date of said application when known]

and

WHEREAS **UII AMERICA, INC.**, hereinafter referred to as the ASSIGNEE, of **125 Cambridgepark Drive, Suite 204, Cambridge, MA 02140**, is desirous of acquiring the entire title, rights, benefits, and privileges in and to the said inventions or improvements and in and to the said application and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration furnished by Assignee to us, the receipt and sufficiency of which are hereby acknowledge, we, the said ASSIGNORS, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions or improvements, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions or improvements, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or improvements, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions or improvements or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said improvements, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions or improvements in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

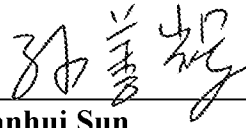
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, improvements, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or improvements; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions or improvements, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and improvements or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and improvements; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 8th day of

Sep., 20 20

  
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**Shanhui Sun**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this eighth day of

September, 2020.

Qiaoying Huang  
Qiaoying Huang

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 8th day of  
September, 20 20.

ZHANG CHEN

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**Zhang Chen**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 8th day of

September, 2020.

A handwritten signature in cursive script, appearing to read 'T. Chen', written in dark ink.

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**Terrence Chen**