

## 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>
GREGORY D. ABOWD	09/10/2018
ANANDGHAN WAGHMARE	11/02/2018
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	ATLANTA
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<b>Postal Code:</b>	30318
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16644651
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<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	011529.113526 (GTRC7659)
<b>NAME OF SUBMITTER:</b>	RYAN A. SCHNEIDER
<b>SIGNATURE:</b>	/Ryan A. Schneider, Reg. #45083/
<b>DATE SIGNED:</b>	01/14/2022
<b>Total Attachments: 3</b>	
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## **ASSIGNMENT**

WHEREAS, We, **Cheng ZHANG, Gregory D. ABOWD, Omer INAN, Pranav KUNDRA, Thomas PLOETZ, Yiming PU, Thad Eugene STARNER, Anandghan WAGHMARE, Xiaoxuan WANG, Kenneth A. CUNEFARE, and Qiuyue XUE** (collectively referred to as “Assignor”), have invented certain improvements in **SYSTEMS, METHODS AND DEVICES FOR GESTURE RECOGNITION** for which a first U.S. Provisional Patent Application was filed September 6, 2017, and provided Application No. 62/554,686, and a second U.S. Provisional Patent Application was filed October 5, 2017, and provided Application No. 62/568,417, and for which an International Application was filed on **September 6, 2018**, and provided Application No. **PCT/US2018/049740**, and for which future applications may be filed, (collectively referred to as the “Application”), and whereas

**GEORGIA TECH RESEARCH CORPORATION**  
**505 Tenth Street, N.W.**  
**Atlanta, Georgia 30332-0415**  
**United States**

(“Assignee”) desires to purchase all of Assignor’s rights in same;

**NOW THEREFORE**, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignee all of Assignor’s rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application (“CPA”), or request for continued examination (“RCE”) thereof, and in and to all inventions and improvements thereon (herein collectively referred to as “Related US Applications”), preparatory to obtaining Letters Patent of the United States therefore; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

**For the same consideration**, Assignor, by these presents does sell, assign, and transfer to Assignee all of Assignor’s rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as “Related Foreign Applications”), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

**For the same consideration**, Assignor agrees, without charge to Assignee, but at Assignee’s expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

**AND, for the same consideration**, Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor’s rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 10 day of September, 2018.

Gregory D. Abowd (SEAL)  
Gregory D. ABOWD

Witnessed by: Mehrab  
Signature

Date: 9/10/2018

MEHRAB BIN MORSHED  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 9/10/2018

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
(SEAL)  
Gregory D. ABOWD

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2018, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

\_\_\_\_\_  
NOTARY PUBLIC

(SEAL)

My Commission Expires: \_\_\_\_\_

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2<sup>nd</sup> day of November, 2018.

Anandghan WAGHMARE (SEAL)  
Anandghan WAGHMARE

Witnessed by: Nivedita  
Signature

Date: 11/2/2018

NIVEDITA ARORA  
Printed Name of Witness

Witnessed by: Victor Chen  
Signature

Date: 11/2/2018

Victor Chen  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
(SEAL)  
Anandghan WAGHMARE

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2018, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

\_\_\_\_\_  
NOTARY PUBLIC

(SEAL)

My Commission Expires: