### 505790029 11/25/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHENG ZHANG	02/20/2019
GREGORY D. ABOWD	02/20/2019
OMER INAN	08/08/2019
THAD EUGENE STARNER	11/05/2019

### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16325932

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DATE SIGNED:	11/25/2019	

**Total Attachments: 6** 

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# **ASSIGNMENT**

WHEREAS, We, Cheng Zhang, Gregory D. Abowd, Omer Inan and Thad Eugene Starner (collectively referred to as "Assignors"), have invented certain improvements in ELECTRONIC DEVICE AND METHOD OF CONTROLLING THE SAME, for which an Application was filed February 15, 2019, and provided U.S. Application No. 16/325,932 claiming priority to International Application No. PCT/US2017/046960, was filed on August 15, 2017, which claims priority to U.S. Provisional Patent Application No. 62/374,939 filed August 15, 2016, 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 Assignors' 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, Assignors have and by these presents do hereby sell, assign, transfer and convey unto said Assignee all of Assignors' 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 Assignors hereby request 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, Assignors, by these presents do sell, assign, and transfer to Assignee all of Assignors' 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, Assignors agree, 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,** Assignors also hereby sell, assign and transfer unto Assignee all of Assignors' rights and claims to sue for damages and other remedies with respect

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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. N WITNESS WHEREOF, I have hereunto set my hand and seal this 20 day of Cheng Zhang Date: 2/20/20(9 Witnessed by: \_\_ Witnessed by: Printed Name of Withess 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 , 2019. (SEAL) Cheng Zhang State of \_\_\_\_\_ County of \_\_\_\_\_

On this \_\_\_\_\_\_\_, day of \_\_\_\_\_\_\_\_, 2019, 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 day of
	Gregory D. Abowd (SEAL)
Witnessed by: Signature	Date: 2/20/2019
Richard Printed Name of W	***************************************
Witnessed by: Signature Signature Printed Name of V	axect
SECTION BELOW IS FOR USE O	ONLY IF SIGNING IN PRESENCE OF A NOTARY
IN WITNESS WHEREOF, 2019.	I have hereunto set my hand and seal thisday of
State of	Gregory D. Abowd
County of	
On this day of and known to be the individual desi duly acknowledged the same to be	, 2019, before me, a notary public, came to me known cribed in and who executed the foregoing assignment, and he his free act and deed.
	NOTARY PUBLIC
(SEAL)	My Commission Expires:
IN WITNESS WHEREOF,	I have hereunto set my hand and seal this day of
, 2019.	
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## Omer Inan

Witnessed by		Date:	
w reconsove ay	Signature		;
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Bignature		
	Printed Name of Witness		2
SECTION BE	LOW IS FOR USE ONLY II	SIGNING IN PRESENCE OF	A NOTARÝ
IN WITH	<u>St.</u> , 2019. 24.34.53.44	Omer Inan	is <u> </u>
and known to l		And the second second	g assignment, and he
	.N. 42 445''.	NOTARY PUBLIC	\$
(SEAL)		My Commission Expires: (*)	2 · OS · 2 ()21

/ IN WITNESS WHEREOF, I have	hereunto set my hand and seal this day of
/V OVE my See	SEAL) Thad Eugene Warner
Witnessed by: Signature	Date: <u>[1] [5] [30] [9</u>
Clara Byrne. Printed Name of Witness	8
Witnessed by: Signature	1 Date: 1/0/12/1
DAL TIAN 2 the 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(SEAL)
	Thad Eugene Starner
State of	
County of	
On this day of and known to be the individual described duly acknowledged the same to be his fre	, 2019, before me, a notary public, came to me known in and who executed the foregoing assignment, and he see act and deed.
	NOTARY PUBLIC
(SEAL)	My Commission Expires:

In Witness Whereof, Assignee hereby accepts from Assignors the sale, assignment, transfer and conveyance unto said Assignee of the full, exclusive and entire right, title, and interest in and to said Application, Related US Applications and Related Foreign Applications, by its duly authorized officer.

	Georgia Tech Research Corporation (Assignee)	
	By:	_ Long Bray
	Name:	Terry Bray
	Title:	Authorized Signatory
Witnessed by: Kottlux horr Havey Signature		Date: 1/20/17
Kathleen Scott Havey Printed Name of Witness		
Witnessed by: Signature		Date: 1/20/17-
Rene O. Madors Printed Name of Witness		e.