## 507043692 12/23/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7090530

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAHA AYARI	11/24/2021
ABDALLAH OUGAZZADEN	11/24/2021
SURESH SUNDARAM	11/24/2021

#### **RECEIVING PARTY DATA**

Name:	GEORGIA TECH RESEARCH CORPORATION
Street Address:	926 DALNEY STREET NW
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30318

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17613563

#### **CORRESPONDENCE DATA**

Fax Number:

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.

**Email:** ronna.berman@troutman.com

Correspondent Name: TROUTMAN PEPPER HAMILTON SANDERS LLP

Address Line 1: 600 PEACHTREE STREET, NE

Address Line 2: SUITE 3000

Address Line 4: ATLANTA, GEORGIA 30308

<b>ATTORNEY DOCKET NUMBER:</b> 011529.113963 (GTRC7910)	
NAME OF SUBMITTER:	RYAN A. SCHNEIDER
SIGNATURE:	/Ryan A. Schneider, Reg. #45083/
DATE SIGNED:	12/23/2021

## **Total Attachments: 6**

source=GTRC7910 - Assignment#page1.tif source=GTRC7910 - Assignment#page2.tif source=GTRC7910 - Assignment#page3.tif source=GTRC7910 - Assignment#page4.tif

PATENT 507043692 REEL: 058468 FRAME: 0514

source=GTRC7910 - Assignment#page5.tif source=GTRC7910 - Assignment#page6.tif

> PATENT REEL: 058468 FRAME: 0515

# **ASSIGNMENT**

WHEREAS, We, **Taha AYARI**, **Abdallah OUGAZZADEN** and **Suresh SUNDARAM** (collectively referred to as "Assignor"), have invented certain improvements in **METHOD FOR LARGE SCALE GROWTH AND FABRICATION OF III-NITRIDE DEVICES ON 2D-LAYERED H-BN WITHOUT SPONTANEOUS DELAMINATION** for which a U.S. Provisional Patent Application was filed May 23, 2020, and provided Application No. 62/851,997, and for which an International Application was filed on May 22, 2020, and provided Application No. PCT/IB2020/054906, a US National Stage Patent Application was filed on November 23, 2021 and provided Application No. 17/613,563, and for which future applications may be filed, (collectively referred to as the "Application"), and whereas

# GEORGIA TECH RESEARCH CORPORATION 926 Dalney Street NW Atlanta, Georgia 30318 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,

Page 1 of 6

121252357v1

PATENT REEL: 058468 FRAME: 0516 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 WIT 11/24/2021	NESS WHEREOF, I have h	nereunto set my hand and seal this	day of
		<u> </u>	(SEAL)
		Taha AYARI	(DE/1E)
Witnessed by:	Signature	Date:	
	Signature		
	Printed Name of Witness		
Witnessed by:		Date:	
	Signature		
	Printed Name of Witness	<u> </u>	
SECTION BEI	LOW IS FOR USE ONLY I	F SIGNING IN PRESENCE OF A NO	TARY
	NESS WHEREOF, I have b	nereunto set my hand and seal this	day of
			(SEAL)
State of		Taha AYARI	
County of			
and known to b		, 2021, before me, a notary public, can n and who executed the foregoing assig act and deed.	
		NOTARY PUBLIC	

Page 2 of 6

GTRC7910

(SEAL)

My Commission Expires:

7,	ГЪ	.C7	70	1	Λ
T	ıк		ч		1 1
J.	т т/	$\sim$	_	1	v

11 /24 /202		nereunto set my hand and seal this day of
	, 2021.	abdallah OUGUZGODEV
		Abdallah OUGAZZADEN
Witnessed by:		Date:
withessed by.	Signature	Date
-	Printed Name of Witness	
Witnessed by:	Signature	Date:
	Signature	
-	Printed Name of Witness	
IN WIT		rereunto set my hand and seal this day of
State of		Abdallah OUGAZZADEN (SEAL)
County of		
and known to b		, 2021, before me, a notary public, came to me known and who executed the foregoing assignment, and he act and deed.
		NOTARY PUBLIC
(SEAL)		My Commission Expires:

Page 4 of 6

			GTRC7910
		e hereunto set my hand and seal this	day of
		Suresh SUMARAM	(SEAL)
		Suresh SUNDARAM	(SE/1E)
Witnessed by:	Signature	Date:	
	Printed Name of Witnes	<u>s</u>	
Witnessed by:	Signature	Date:	
	Printed Name of Witnes	s	
SECTION BE	LOW IS FOR USE ONLY	IF SIGNING IN PRESENCE OF A NO	TARY
	TNESS WHEREOF, I have	e hereunto set my hand and seal this	
		Suresh SUNDARAM	(SEAL)
State of			
County of			
and known to b		, 2021, before me, a notary public, came in and who executed the foregoing assignee act and deed.	
		NOTARY PUBLIC	
(SEAL)		My Commission Expires:	

Page 5 of 6

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)

Jeny Bray By:

Terry Bray Name:

Title: Authorized Signatory

Witnessed by: Hotellershore Havey
Signature

Date: 1/20/17

Witnessed by: Rignature

Date: 1/20/17

Page 6 of 6

**RECORDED: 12/23/2021**