

## 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>
MUSTAFA KARABIYIK	03/29/2019
NEZIH PALA	03/06/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE FLORIDA INTERNATIONAL UNIVERSITY BOARD OF TRUSTEES
<b>Street Address:</b>	UNIVERSITY PARK, PC511
<b>City:</b>	MIAMI
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33199
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16288748
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(352)372-5800
<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>	
<b>Phone:</b>	352-375-8100
<b>Email:</b>	lcf@slepatents.com
<b>Correspondent Name:</b>	SALIWANCHIK, LLOYD & EISENSCHENK
<b>Address Line 1:</b>	P.O.BOX 142950
<b>Address Line 4:</b>	GAINESVILLE, FLORIDA 32614
<b>ATTORNEY DOCKET NUMBER:</b>	FIU.285X
<b>NAME OF SUBMITTER:</b>	LOUIS C. FRANK
<b>SIGNATURE:</b>	/LOUIS C. FRANK/
<b>DATE SIGNED:</b>	04/01/2019
<b>Total Attachments: 3</b>	
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ASSIGNMENT

WHEREAS, We, the undersigned, residing at the indicated addresses given below, respectively, have invented certain new and useful improvements in "GRAPHENE DEVICES FOR TERAHERTZ DETECTION AND EMISSION," for which an application for United States Letters Patent was

☐ signed by us as dated below.

☒ filed February 28, 2019, as Serial No. 16/288,748 .

WHEREAS, The Florida International University Board of Trustees, having a place of business at University Park, PC511 Miami, FL 33199, United States is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of valuable consideration, receipt of which is hereby acknowledged, We, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said The Florida International University Board of Trustees, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to The Florida International University Board of Trustees, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of said The Florida International University Board of Trustees, its successors and assigns.

FURTHER, We agree that we will communicate to said The Florida International University Board of Trustees, or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said The Florida International University Board of Trustees; make all rightful oaths; and generally do everything possible to aid the said The Florida International University Board of Trustees, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of March, 2019.

Signed [Signature]

Address: Mustafa Karabiyik  
181 NW 97<sup>th</sup> Ave., Apt. 503  
Miami, FL 33172

State of Florida

County of Miami-Dade

On this 29 day of March, 2019, personally appeared before me the above-named **Mustafa Karabiyik**, to me known and known to me to be the person described in the foregoing instrument, who executed the foregoing instrument, and who severally acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

[Signature]  
Notary Public

My Commission Expires: October 14, 2022

SEAL



**DARIEN GOMEZ**  
Commission # GG 205001  
Expires October 14, 2022  
Bonded thru Budget Notary Services

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6th day of March, 2019.

Signed Nezih Pala

Address: 6669 Segovia Circle W.  
Fort Lauderdale, FL 33331

State of Florida

County of Miami Dade

On this 06 day of March, 2019, personally appeared before me the above-named **Nezih Pala**, to me known and known to me to be the person described in the foregoing instrument, who executed the foregoing instrument, and who severally acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

Adriana Velado  
Notary Public

My Commission Expires:

SEAL

