

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT7388151

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EMRE GURPINAR	12/07/2020
MD SHAJJAD CHOWDURY	12/07/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UT-Battelle, LLC
<b>Street Address:</b>	One Bethel Valley Road
<b>Internal Address:</b>	4500N, MS-6258
<b>City:</b>	Oak Ridge
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37831-6258
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17085123
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(865)574-0381
<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>	(865) 341-0393
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<b>Correspondent Name:</b>	DAN VACAR
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<b>ATTORNEY DOCKET NUMBER:</b>	4472.1
<b>NAME OF SUBMITTER:</b>	KAREN E. VANCE
<b>SIGNATURE:</b>	/KE Vance/
<b>DATE SIGNED:</b>	06/17/2022
<b>Total Attachments: 4</b>	
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# RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Emre Gurpinar  
Md Shajjad Chowdury

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: UT-Battelle, LLC

Internal Address: 4500N, MS-6258

Street Address: One Bethel Valley Road

City: Oak Ridge

State: TN

Country: USA Zip: 37831-6258

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 12/07/2020

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

17/085,123

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Dan Vacar

Internal Address: UT-Battelle, LLC

Street Address: One Bethel Valley Road

4500N, MS-6258

City: Oak Ridge

State: TN Zip: 37831-6258

Phone Number: (865) 341-0393

Fax Number: (865) 574-0381

Email Address: vacardv@ornl.gov

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 13-1958

Authorized User Name Karen E. Vance

**9. Signature:**

\_\_\_\_\_  
/Dan Vacar/  
Signature

06/17/2022  
Date

Dan Vacar, Reg. No. 63579  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

**ASSIGNMENT**

WHEREAS, we the below-named inventors whose residences are as stated below, have an interest in an invention entitled:

**POWER MODULE WITH ORGANIC LAYERS**

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 17/085,123 filed on October 30, 2020, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring our entire right, title and interest of the undersigned in the same;

NOW, THEREFORE, in accordance with the terms of our employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to ASSIGNEE and its successors in interest our entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or patent applications therefor on the Subject Invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

Name of Inventor: **Emre Gurpinar**

Signature: Emre Gurpinar Digitally signed by Emre Gurpinar  
Date: 2020.12.07 10:35:31 -05'00' Date: \_\_\_\_\_

Residence: 609 Woodlawn Pike, Knoxville, Tennessee 37920

Name of Inventor: **Md Shajjad Chowdury**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 1510 Centervue Crossing Way Apt. 201, Knoxville, Tennessee 37932

Name of Inventor: **Emre Gurpinar**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 609 Woodlawn Pike, Knoxville, Tennessee 37920

Name of Inventor: **Md Shajjad Chowdury**

Signature: **Shajjad Chowdhury** Digitally signed by Shajjad Chowdhury  
Date: 2020.12.07 10:51:27 -05'00' Date: \_\_\_\_\_

Residence: 1510 Centervue Crossing Way Apt. 201, Knoxville, Tennessee 37932