

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6193853

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARIAPPAN PARANTHAMAN	07/09/2020
AMIT K. NASKAR	07/09/2020
CONSTANTINOS TSOURIS	04/09/2020
RECEIVING PARTY DATA	
Name:	UT-Battelle, LLC
Street Address:	One Bethel Valley Road
Internal Address:	4500N, MS-6258
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6258
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16256396
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	(865) 574-0393
Email:	vanceke@ornl.gov
Correspondent Name:	EDNA I. GERGEL
Address Line 1:	ONE BETHEL VALLEY ROAD
Address Line 2:	4500N, MS-6258
Address Line 4:	OAK RIDGE, TENNESSEE 37831-6258
ATTORNEY DOCKET NUMBER:	3961.2 (UTB)
NAME OF SUBMITTER:	KAREN E. VANCE
SIGNATURE:	/KE Vance/
DATE SIGNED:	07/10/2020
Total Attachments: 5	
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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)

Mariappan Paranthaman
Amit K. Naskar
Constantinos Tsouris

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) 07/09/2020

- 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):

A. Patent Application No.(s)

16/256,396

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Edna I. Gergel

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) 574-0393

Fax Number: (865) 574-0381

Email Address: gergelei@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:

/Edna I. Gergel/
Signature

07/10/2020
Date

Edna I. Gergel, Reg. No. 50819
Name of Person Signing

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

5

ASSIGNMENT

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

Carbon Electrodes Based Capacitive Deionization for the Desalination of Water

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 16/256,396 filed on January 24, 2019, 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: **Mariappan Paranthaman**

Signature: *Mariappan parans paranthaman* Date: 07/09/2020

Residence: 654 Spring Branch Lane, Knoxville, Tennessee 37934

Name of Inventor: **Amit K. Naskar**

Signature: _____ Date: _____

Residence: 7820 Kellys Cove Lane, Knoxville, Tennessee 37931

Name of Inventor: **Constantinos Tsouris**

Signature: _____ Date: _____

Residence: 101 Holbrook Lane, Oak Ridge, Tennessee 37830

Name of Inventor: **Mariappan Paranthaman**

Signature: _____ Date: _____

Residence: 654 Spring Branch Lane, Knoxville, Tennessee 37934

Name of Inventor: **Amit K. Naskar**

Signature: *Amit K. Naskar* Date: 7/9/2020

Residence: 7820 Kellys Cove Lane, Knoxville, Tennessee 37931

Name of Inventor: **Constantinos Tsouris**

Signature: _____ Date: _____

Residence: 101 Holbrook Lane, Oak Ridge, Tennessee 37830

Name of Inventor: **Mariappan Paranthaman**

Signature: _____ Date: _____

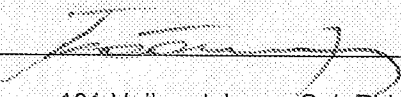
Residence: 654 Spring Branch Lane, Knoxville, Tennessee 37934

Name of Inventor: **Amit K. Naskar**

Signature: _____ Date: _____

Residence: 7820 Kellys Cove Lane, Knoxville, Tennessee 37931

Name of Inventor: **Constantinos Tsouris**

Signature:  _____ Date: April 9, 2020

Residence: 101 Holbrook Lane, Oak Ridge, Tennessee 37830