

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6879615

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MERCOURI G KANATZIDIS	05/14/2018
DEBAJIT SARMA	05/12/2018
EMMANOUIL MANOS	05/08/2021
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City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60208
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17315833
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ATTORNEY DOCKET NUMBER:	00100-0057-CON
NAME OF SUBMITTER:	CARMEN J. MCCOMMON
SIGNATURE:	/Carmen J. McCommon/
DATE SIGNED:	08/24/2021
Total Attachments: 7	
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PATENT

REEL: 057268 FRAME: 0228

ASSIGNMENT

U.S. Serial No: 15/772,385

Filing Date: April 30, 2018

Inventors: Emmanouil Manos; Merkouri G Kanatzidis; Debajit Sarma

Title of U.S. Patent Application: COMPOSITE MATERIALS CONTAINING ORGANIC
POLYMER-ENCAPSULATED METAL ORGANIC FRAMEWORKS

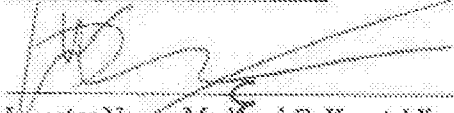
For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

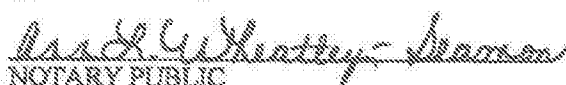
Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

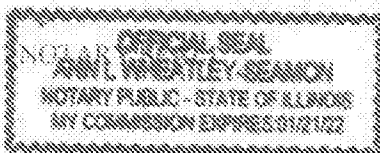
Undersigned (ASSIGNORS):


Inventor Name: Menkourl G. Kanatzidis DATE 5/19/18

State of ILLINOIS ss. 16K
County of COOK 3/8/2021

On this 14TH day of MAY, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.


NOTARY PUBLIC



My Commission Expires: 1-21-22

(Continued on next page)

U.S. Serial No: 15/772,385

Filing Date: April 30, 2018

Inventors: Emmanouil Manos; Merkouri G Kanatzidis; Debajit Sarma

Title of U.S. Patent Application: COMPOSITE MATERIALS CONTAINING ORGANIC POLYMER-
ENCAPSULATED METAL ORGANIC FRAMEWORKS

Undersigned (ASSIGNORS) continued:

Inventor Name: Emmanouil Manos

DATE

State of _____
ss.

County of _____

On this _____ day of _____, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: _____

WITNESS PAGE - EXECUTION OF ASSIGNMENT

Serial No: 15/772,385

Filing Date: April 30, 2018

Title of U.S. Patent Application: COMPOSITE MATERIALS CONTAINING ORGANIC POLYMER-
ENCAPSULATED METAL ORGANIC FRAMEWORKS

EM (Signature)

INVENTOR PRINTED NAME: EMMANOUIL MANOS

DATE OF EXECUTION: 5-8-2018

FIRST WITNESS:

Melina (Signature)

Printed Name: CHRISTINA BANTI

Witness Date: 5-8-2018

Home Address:

DEDINI-IOANNINA- GREECE
45500

SECOND WITNESS:

John C. Plakatouras (Signature)

Printed Name: JOHN C. PLAKATOURLAS

Witness Date: 5-8-2018

Home Address:

KOSTI PALAMA 5
45221 IOANNINA
GREECE

Attorney Docket No. 00100-0057-03
NU Reference No. 2015-136-03

U.S. Serial No: 15/772,385

Filing Date: April 30, 2018

Inventors: Emmanouil Manos; Merkouri G Kanatzidis; Debajit Sarma

Title of U.S. Patent Application: COMPOSITE MATERIALS CONTAINING ORGANIC POLYMER-
ENCAPSULATED METAL ORGANIC FRAMEWORKS

Undersigned (ASSIGNORS) continued:

Debajit Sarma 12/5/2018
Inventor Name: Debajit Sarma DATE

State of Bihar
County of India ss.

On this 12th day of May, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: _____

WITNESS PAGE - EXECUTION OF ASSIGNMENT

Serial No: 15/772,385

Filing Date: April 30, 2018

Title of U.S. Patent Application: COMPOSITE MATERIALS CONTAINING ORGANIC POLYMER-
ENCAPSULATED METAL ORGANIC FRAMEWORKS

Debjit Sarma (Signature)

INVENTOR PRINTED NAME: Debjit Sarma

DATE OF EXECUTION: 12th May 2018

FIRST WITNESS:

T. Rajagopal Rao (Signature)

Printed Name: Tammineni Rajagopala Rao

Witness Date: 12th May 2018

Home Address:

Flat No. B3-704, IIT Patna

Bihta, Bihar, India

PIN: 801103

SECOND WITNESS:

Subrata Chattopadhyay (Signature)

Printed Name: Subrata Chattopadhyay

Witness Date: 12th May 2018

Home Address:

Flat No. B4-001, IIT Patna

Bihta, Bihar, India

PIN: 801103

U.S. Serial No: 15/772,385

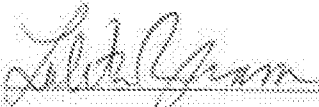
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ASSIGNEE ACCEPTANCE: Northwestern University:

On behalf of Northwestern University, Assignee, the authorized signatory below, hereby confirms
Assignee's acceptance of all rights, privileges, titles and interests conveyed by this Assignment.

Authorized Signature:  Date: 5/17/2018

Printed Name Lolita Buckingham, Invention Specialist or
Heather Fletcher, Manager of INVO Docketing & Compliance

Department: Innovation and New Ventures Office (INVO)