PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5625458

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NANOTEK INSTRUMENTS, INC.	07/18/2019

RECEIVING PARTY DATA

Name:	NANOTEK INSTRUMENTS GROUP, LLC
Street Address:	1240 MCCOOK AVENUE
City:	DAYTON
State/Country:	OHIO
Postal Code:	45404

PROPERTY NUMBERS Total: 20

Property Type	Number
Patent Number:	10332693
Patent Number:	10283280
Patent Number:	10157714
Application Number:	15211269
Application Number:	15211522
Application Number:	15211727
Application Number:	15398416
Application Number:	15463531
Application Number:	15591483
Application Number:	15650109
Application Number:	15671611
Application Number:	15722497
Application Number:	15724892
Application Number:	15727900
Application Number:	15728488
Application Number:	15861324
Application Number:	15895456
Application Number:	16183848
Application Number:	16374176
Application Number:	16409177

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.

Phone: 9373319884

Email: carol.weatherby@angstronmaterials.com

Correspondent Name: NANOTEK INSTRUMENTS, INC.

Address Line 1: 1240 MCCOOK AVE.

Address Line 4: DAYTON, OHIO 45404

NAME OF SUBMITTER:	CAROL J. WEATHERBY
SIGNATURE:	/Carol J Weatherby/
DATE SIGNED:	07/18/2019

Total Attachments: 5

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PATENT ASSIGNMENT

This is an Assignment by **Nanotek Instruments, Inc.**, ("ASSIGNOR"), an Ohio corporation having an address of 1240 McCook Avenue, Dayton, OH 45404, to **Nanotek Instruments Group, LLC** ("ASSIGNEE"), an Ohio Limited Liability Company having an address of 1240 McCook Avenue, Dayton, OH 45404, effective July 17, 2019 ("Effective Date").

WHEREAS, ASSIGNOR is the owner of all right, title and interest in and to the United States and foreign patents and applications identified in Appendix A attached hereto (collectively "PATENTS");

WHEREAS, ASSIGNEE, is desirous of acquiring and ASSIGNOR is willing and able to assign all right, title and interest in and to said PATENTS;

NOW THEREFORE, be it known that for certain good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer to the ASSIGNEE, its successors, legal representatives and assigns, as of said Effective Date, all right, title and interest in and to the PATENTS, all related continuation, divisional, continuation-in-part and reissue applications, all related patent applications in foreign countries, all related applications pursuant to the Patent Cooperation Treaty and all related applications for extension filed or to be filed for the corresponding inventions, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights obtained for the inventions in the United States or any other country, including the right to bring any cause of action arising under the PATENTS prior to the Effective Date of this Agreement; ASSIGNOR also assigns any right, title or interest in and to the said inventions which has not already been transferred to ASSIGNEE; ASSIGNOR warrants that no assignment, license or encumbrance has been made with respect to the inventions or any patent therefor to a party other than the ASSIGNEE, and is under no obligation to make any assignment, license or encumbrance of the invention, application, or patent therefor to any other party; and the ASSIGNOR further agrees to cooperate with the ASSIGNEE in the sustaining of any and all said PATENTS and in confirming the ASSIGNEE'S exclusive ownership of the corresponding inventions.

IN WITNESS WHEREOF, this Assignment is executed on behalf of ASSIGNOR.

Nanotek Instruments, Inc.

Date: July 18, 2019

By: _____

Name: Bor Z. Jang

Title: CEO

STATE OF OHIO)
) ss.
COUNTY OF MONTGOMERY)

Before me, a Notary Public in and for said County and State, personally appeared Bor Z. Jang, who acknowledged himself to be the CEO of Nanotek Instruments, Inc., and that he being authorized to do so, executed the foregoing instrument for the purposes and considerations therein expressed, on behalf of Nanotek Instruments, Inc.

Given under my hand and seal of office this 18th day of July, 2019.

Carol J Weatherby
Notary Public

My Commission Expires: April 6, 2024

NOTARY PUBLIC STATE OF OHIO

Carol J Weatherby, Notary Public
In and for the State of Ohio
My Commission Expires Apr. 6, 2019 2024

ASSIGNEE does hereby confirm that it accepts the aforesaid Assignment of rights in said PATENTS.

Nanotek Instruments Group, LLC

Date: July 18, 2019

By: _____

Name: Bor Z. Jang

Title: Member

STATE OF OHIO)
) ss.
COUNTY OF MONTGOMERY)

Before me, a Notary Public in and for said County and State, personally appeared Bor Z. Jang, who acknowledged himself to be a Member of Nanotek Instruments Group, LLC, and that he being authorized to do so, executed the foregoing instrument for the purposes and considerations therein expressed, on behalf of Nanotek Instruments Group, LLC.

Given under my hand and seal of office this 18th day of July, 2019.

_____
Notary Public

NOTARY PUBLIC STATE OF OHIO

Carol J Weatherby, Notary Public
In and for the State of Ohio
My Commission Expires Apr. 6, 2019
2024

1. Aruna Zhamu and Bor Z. Jang, "Electrochemical Method of Producing Graphene-based Supercapacitor Electrodes from Coke or Coal," US Patent Application No. 15/211,727 (07/15/2016).
2. Aruna Zhamu and Bor Z. Jang, "Production of Graphene-Based Supercapacitor Electrodes from Coke or Coal Using Direct Ultrasonication," US Patent Application No. 15/211,269 (07/15/2016).
3. Aruna Zhamu and Bor Z. Jang, "Supercritical Fluid Production of Graphene-Based Supercapacitor Electrodes from Coke or Coal," US Patent Application No. 15/211,522 (07/15/2016).
4. Sonhai Chai, Aruna Zhamu and Bor Z. Jang, "Humic Acid-Based Supercapacitors," US Patent Application No. 15/211,209 (07/15/2016); now US Patent No. 10,332,693 (06/25/2019).
5. Aruna Zhamu and Bor Z. Jang, "Flexible and Shape-Conformal Rope-Shape Supercapacitors," US Patent Application No. 15/398,416 (01/04/2017).
6. Aruna Zhamu and Bor Z. Jang, "Process for Flexible and Shape-Conformal Rope-Shape Supercapacitors," US Patent Application No. 15/398,421 (01/04/2017); now US Patent No. 10,283,280 (05/07/2019).
7. Aruna Zhamu and Bor Z. Jang, "Flexible Asymmetric Electrochemical Cells Using Nano Graphene Platelet as an Electrode Material," US Patent Application No. 15/463,531 (03/20/2017)
8. Aruna Zhamu, Chueh Liu, Songhai Chai, and Bor Z. Jang, "Rolled Supercapacitors and Production Process," US Patent Application No. 15/591,483 (05/10/2017).
9. Aruna Zhamu and Bor Z. Jang, "Supercapacitor Having a High Volumetric Energy Density," US Patent Application No. 15/650,109 (07/14/2017).
10. Aruna Zhamu and Bor Z. Jang, "Supercapacitor Electrode Having Highly Oriented and Closely Packed Expanded Graphite Flakes and Production Process," US Patent Application No. 15/670,459 (08/07/2017); now US Patent No. 10,157,714 (12/18/2018).
11. Aruna Zhamu and Bor Z. Jang, "Rolled Supercapacitor Electrode Having Highly Oriented Flakes of Exfoliated or Expanded Graphite and Production Process," US Patent Application No. 15/671,611 (08/08/2017).
12. Songhai Chai, Aruna Zhamu, and Bor Z. Jang, "Internal Hybrid Electrochemical Energy Storage Cell," US Patent Application No. 15/722,497 (10/02/2017).
13. Songhai Chai, Aruna Zhamu, and Bor Z. Jang, "Internal Hybrid Electrochemical Energy Storage Cell Having Both High Power and High Energy Density," US Patent Application No. 15/724,892 (10/04/2017).
14. Songhai Chai, Yenpo Lin, Aruna Zhamu, and Bor Z. Jang, "Sodium Ion-Based Internal Hybrid Electrochemical Energy Storage Cell," US Patent Application No. 15/727,900 (10/09/2017).
15. Songhai Chai, Yenpo Lin, Aruna Zhamu, and Bor Z. Jang, "Lithium Ion-Based Internal Hybrid Electrochemical Energy Storage Cell," US Patent Application No. 15/728,488 (10/09/2017).
16. Aruna Zhamu, and Bor Z. Jang, "Supercapacitor and Electrode Having Nanofiber-Spaced Graphene Sheets and Production Process," US Patent Application No. 15/861,324 (01/03/2018).

17. Aruna Zhamu, and Bor Z. Jang, "Hybrid Supercapacitor Containing a Niobium Composite Metal Oxide as an Anode Active Material," US Patent Application No. 15/895,456 (02/13/2018).
18. Aruna Zhamu and Bor Z. Jang, "Supercapacitor Electrode Having Highly Oriented and Closely Packed Expanded Graphite Flakes," US Patent Application No. 16/183,848 (11/08/2018).
19. Songhai Chai, Aruna Zhamu and Bor Z. Jang, "Humic Acid-Based Supercapacitors," US Patent Application No. 16/409,177 (05/10/2019).
20. Aruna Zhamu, Songhai Chai, and Bor Z. Jang, "Dense Graphene Balls for Hydrogen Storage," US Patent Appl. No. 16/374,176 (04/03/2019).