

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUI HE	08/29/2013
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PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	13986319
Application Number:	13986575
Application Number:	13986576
Application Number:	13986814
Application Number:	13987394
Application Number:	13987396
Application Number:	13987566
Application Number:	13987565
Application Number:	13987567
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PATENT

SIGNATURE:	//DANIEL KRIEGER//
DATE SIGNED:	04/13/2016
Total Attachments: 5 source=HUIHE#page1.tif source=HUIHE#page2.tif source=HUIHE#page3.tif source=HUIHE#page4.tif source=HUIHE#page5.tif	

ASSIGNMENT

This Assignment Agreement is made and entered by and between Hui He, a citizen of the Peoples Republic of China, residing at 2929-8 Forest Lawn Dr. Bensenville, OH, 45431 (the "Assignor") and Nanotek Instruments, Inc., an Ohio corporation whose address is 1240 McCook Avenue, Dayton, OH 45404 (the "Assignee").

WHEREAS, Assignor is an inventor or co-inventor of certain new and useful inventions related to new materials, including nano-scaled graphene plates, processes, energy technologies, and other technologies as more fully described herein (the "Inventions") and

WHEREAS, Assignee desires to acquire the entire right, title and interest in and to the Inventions,

NOW, THEREFORE, the parties agree as follows:

1. The term "Inventions" shall mean (1) the issued United States patents listed in Exhibit "A" attached hereto and incorporated herein by reference and all corresponding rights to claim priority, (2) the patent applications listed in Exhibit "A" and any and all improvements which are disclosed in any of the aforesaid patent applications, (3) all Letters Patent to be obtained for said Inventions by the above applications or any continuation, divisional, renewal, or substitute thereof and, as to Letters Patent, any reissue or re-examination thereof, (4) all know-how, trade secrets, discoveries, concepts, ideas, and technologies related to the same, (5) any and all copyrights, copyright registrations and copyrightable subject matter related to the same; and (6) any trademarks related to such patents and patent applications.

2. In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is acknowledged, the Assignor hereby assigns, transfers and conveys to Assignee all of Assignor's right, title and interest in and to (a) the Inventions, (b) any U.S. or foreign Letters Patent which may issue from the Inventions, and (c) all divisions, continuations, reissues, re-examinations and extensions of the patents and applications listed on Exhibit A.

3. Assignor further covenants that said Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said Inventions and said Letters Patent and legal equivalents, as may be known and accessible to Assignor and he or she will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to said Assignee or its legal representatives any and all papers,

instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said Inventions and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

In Witness Whereof, the undersigned has executed this document as of the 29 day of August, 2013

INVENTOR

Hui He (Signature)

Hui He (Print Name)

State of Ohio)
County of Greene) SSN: 305 35 5113

Before me personally appeared said Hui He and acknowledged the foregoing instrument to be his free act and deed, this 29 day of August, 2013.

Sauni L. McFarland
NOTARY PUBLIC
SAUNI L. MCFARLAND
NOTARY PUBLIC
STATE OF OHIO
MY COMMISSION EXPIRES 7/5/14

EXHIBIT "A"

Assigned Patents

Invention Patents and Applications

Name of Assigned Patent	Patent Registration No. or Application No.	Status: Registered (R), Applied for Registration (A), Abandoned Application (AA) and Status Not Available (NA)
Yanbo Wang, Hui He, Aruna Zhanu, Yi-jun Lin, and Bor Z. Jang, "Rechargeable Lithium-Sulfur Battery Having a High Capacity and Long Cycle Life."	US Patent Application No. 13/986,319 (04/22/2013).	A
Hui He, Yanbo Wang, Wei Xiong, Aruna Zhanu, and Bor Z. Jang, "Lithium-Sulfur Secondary Battery Containing Gradient Electrolyte."	US Patent Application No. 13/986,575 (05/16/2013).	A
Hui He, Yanbo Wang, Aruna Zhanu, and Bor Z. Jang, "Lithium Secondary Batteries Containing Lithium Salt-Ionic Liquid Solvent Electrolyte."	US Patent Application No. 13/986,576 (05/16/2013).	A
Hui He, Yanbo Wang, Aruna Zhanu, and Bor Z. Jang, "Lithium Secondary Batteries Containing a Non-flammable Quasi-solid Electrolyte."	US Patent Application No. 13/986,814 (06/10/2013).	A
Hui He, Yanbo Wang, Aruna Zhanu, and Bor Z. Jang, "Non-flammable Quasi-Solid Electrolyte-Separator Layer Product for Lithium Battery Applications"	US Patent Application No. 13/987,394 (07/22/2013).	A
Hui He, Yanbo Wang, Aruna Zhanu, and Bor Z. Jang, "Process for Producing Non-flammable Quasi-Solid Electrolyte and Electrolyte-Separator for Lithium Battery Applications."	US Patent Application No. 13/987,396 (07/22/2013).	A
Yanbo Wang, Hui He, Aruna Zhanu, and Bor Z. Jang, "Anode Active Material-Coated Graphene Sheets for Lithium Batteries and Process for Producing Same."	US Patent Application No. 13/987,566 (08/08/2013).	A
Yanbo Wang, Hui He, Aruna Zhanu, and Bor Z. Jang, "Anode Containing Active Material-Coated Graphene Sheets and Lithium-ion Batteries Containing Same."	US Patent Application No. 13/987,565 (08/08/2013).	A
Yanbo Wang, Hui He, Aruna Zhanu, and Bor Z. Jang, "Cathode Active Material-Coated Discrete Graphene Sheets for Lithium Batteries and Process for Producing Same."	US Patent Application No. 13/987,567 (08/08/2013).	A
Hui He, Yanbo Wang, Aruna Zhanu, and Bor Z. Jang, "Non-flammable Quasi-Solid Electrolyte and Non-lithium Alkali Metal or Alkali-Ion Secondary	US Patent Application Submitted 08/30/2013.	A

Batteries Containing Same."		
Hui He, Yanbo Wang, Aruna Zhamu, and Bor Z. Jang. "Lithium-Selenium Secondary Batteries Having Non-flammable Electrolyte,"	US Patent Application Submitted 09/2013.	A

1. Yanbo Wang, Hui He, Aruna Zhamu, Yi-jun Lin, and Bor Z. Jang, "Rechargeable Lithium-Sulfur Battery Having a High Capacity and Long Cycle Life," US Patent Application No. 13/986,319 (04/22/2013).
2. Hui He, Yanbo Wang, Wei Xiong, Aruna Zhamu, and Bor Z. Jang, "Lithium-Sulfur Secondary Battery Containing Gradient Electrolyte," US Patent Application No. 13/986,575 (05/16/2013).
3. Hui He, Yanbo Wang, Aruna Zhamu, and Bor Z. Jang, "Lithium Secondary Batteries Containing Lithium Salt-Ionic Liquid Solvent Electrolyte," US Patent Application No. 13/986,576 (05/16/2013).
4. Hui He, Yanbo Wang, Aruna Zhamu, and Bor Z. Jang, "Lithium Secondary Batteries Containing a Non-flammable Quasi-solid Electrolyte," US Patent Application No. 13/986,814 (06/10/2013).
5. Hui He, Yanbo Wang, Aruna Zhamu, and Bor Z. Jang, "Non-flammable Quasi-Solid Electrolyte-Separator Layer Product for Lithium Battery Applications," US Patent Application No. 13/987,394 (07/22/2013).
6. Hui He, Yanbo Wang, Aruna Zhamu, and Bor Z. Jang, "Process for Producing Non-flammable Quasi-Solid Electrolyte and Electrolyte-Separator for Lithium Battery Applications," US Patent Application No. 13/987,396 (07/22/2013).
7. Yanbo Wang, Hui He, Aruna Zhamu, and Bor Z. Jang, "Anode Active Material-Coated Graphene Sheets for Lithium Batteries and Process for Producing Same," US Patent Application No. 13/987,566 (08/08/2013).
8. Yanbo Wang, Hui He, Aruna Zhamu, and Bor Z. Jang, "Anode Containing Active Material-Coated Graphene Sheets and Lithium-ion Batteries Containing Same," US Patent Application No. 13/987,565 (08/08/2013).
9. Yanbo Wang, Hui He, Aruna Zhamu, and Bor Z. Jang, "Cathode Active Material-Coated Discrete Graphene Sheets for Lithium Batteries and Process for Producing Same," US Patent Application No. 13/987,567 (08/08/2013).
10. Hui He, Yanbo Wang, Aruna Zhamu, and Bor Z. Jang, "Non-flammable Quasi-Solid Electrolyte and Non-lithium Alkali Metal or Alkali-Ion Secondary Batteries Containing Same," US Patent Application Submitted 08/30/2013.
11. Hui He, Yanbo Wang, Aruna Zhamu, and Bor Z. Jang, "Lithium-Selenium Secondary Batteries Having Non-flammable Electrolyte," US Patent Application Submitted 09/2013.