

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2867404

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID MITLIN	03/22/2013
HUANLEI WANG	03/22/2013
ZHANEWEI XU	03/22/2013
ZHI LI	03/22/2013
CHRIS HOLT	03/22/2013
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Property Type	Number
Application Number:	14270291
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SIGNATURE:	/Kevan L. Morgan/
DATE SIGNED:	05/22/2014
Total Attachments: 4	

PATENT

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Following to be completed by TEC Edmonton

TEC Edmonton Representative handling this file: Sharon McFarlane Phone: 492-0230

Sector Life Sciences Physical Sciences Hardware/Software Instructional Technology

CONFIDENTIAL

The University of Alberta

UA File Number: 2013001

Report of Invention and Assignment Document to be used by U of A Researchers relating to their work at the National Institute for Nanotechnology (the "UA ROI")

Whereas:

- A. Researchers employed by the University of Alberta (UA) and the National Research Council (NRC) have jointly developed an invention at the National Institute for Nanotechnology (NINT);
- B. An Agreement (dated August 28, 2003) between UA and NRC regarding intellectual property arising from research work conducted at or making use of the resources of the NINT (the "NINT IP Agreement") obligates all researchers and students to report all inventions and to assign the ownership of the invention to their corresponding institutions;
- C. NRC researchers are reporting and assigning the invention to NRC through a separate document (NRC ROI) in accordance with NRC policies and guidelines; and
- D. This document (UA ROI) is a report and assignment of the invention to UA by UA researchers in accordance with UA policies and guidelines (UA ROI and NRC ROI collectively referred to as the "Document").

1. Title of Invention (Non-Confidential):

Interconnected Carbon Nanosheets Derived from Hemp for High Power -- High Energy Supercapacitor, Lithium Ion Battery and Sodium Ion Battery Electrodes

2. Title, Name(s), Citizenship(s), Affiliation of Inventor(s)

Corresponding

Inventor: David Mitlin Citizenship: USA

(Note: Person to whom inquiries for additional information should be made)

Institutional Address: Home Address:	Department of Chemical and Materials Engineering University of Alberta W7-002, ECERF 122 Highland Way, Sherwood Park, AB, T8A 5M6	Phone Number: Office: Fax:	Home: 780 492-1542
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- Sector: Life sciences
 Physical sciences
 Hardware/software
 Instructional technology

TTG representative handling file:

Name *Sharon McFarlane*

492-0230
 Phone

Select (circle)	Industry Sectors
1	Agriculture/Food/forestry
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4	Electronics/Electrical
5	Info/Communication/Instructional
6	Mechanical/Instrumental
7	Medical Device/Diagnostic
8	Pharmaceutical
9	Other

Co Inventor:	Huanlei Wang	Citizenship:	China
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Co Inventor:	Zhi Li	Citizenship:	China
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3. How was the work that led to the invention funded? Please provide name of funding agencies/ companies and year(s) of funding. Were any Networks of Centres of Excellence funds involved in the research and, if so, which Network?

4. Freedom of Information and Protection of Privacy Act

The Inventor(s) acknowledge that all records prepared by the University in dealing with the within matter are in the custody and control of the University. The University is or will be subject to the access and privacy provisions of the Freedom of Information and Protection of Privacy Act (Alberta) which creates a right of access to records under the custody and control of public bodies subject to specific, limited exceptions.

The University recognizes that, if records were produced based on this Document, they may contain information that would reveal trade secrets of the Inventor(s) or commercial, financial, scientific or technical information of the inventor(s) that is supplied in confidence, and such disclosure could reasonably be expected to either:

- (a) harm significantly the competitive position or interfere significantly with the negotiating position of the inventor(s) or their agent(s); or
- (b) result in similar information no longer being supplied to the University when it is in the public interest that similar information continue to be supplied; or
- (c) result in undue financial loss to the inventor(s).

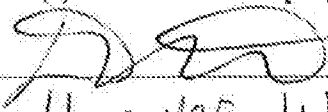
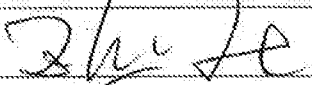
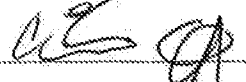
Accordingly, the University declares that the inventor(s)' proprietary information contained in the Document is not accessible under FoIPP. Except as required by law or as otherwise permitted pursuant to the terms of this Document, neither the University nor the inventor(s) will disclose the contents of this Document or the foregoing records other than

- (a) for the purpose of implementation or enforcement of the same; or
- (b) a general statement on the parties to the Document and the Title of the Technology, either party being entitled to publish that information.

5. Assignment of Invention to the University of Alberta

For valuable consideration we, the inventors, report and assign all of our interest in and to the invention herein described together with any future improvements to the Governors of the University of Alberta.*

Signature(s) of inventors **employed by the UNIVERSITY OF ALBERTA:****

a:  Date: 03/22/13
 b: Huanlei Wang Date: 03/22/13
 c: Zhyanwei Xu Date: 03/22/13
 d:  Date: 03/22/13
 e:  Date: 03/22/13

* According to the NINT IP Agreement, inventors will share 35% of net revenues.