

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|-------------------------|---------------|-------------------------|---------------------|------------------|-----------------------|------------|----------------|----------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>John M. Torkelson</td><td>04/21/2009</td></tr><tr><td>Katsuyuki Wakabayashi</td><td>03/24/2009</td></tr></tbody></table> | | Name | Execution Date | John M. Torkelson | 04/21/2009 | Katsuyuki Wakabayashi | 03/24/2009 | | | | |
| Name | Execution Date | | | | | | | | | | |
| John M. Torkelson | 04/21/2009 | | | | | | | | | | |
| Katsuyuki Wakabayashi | 03/24/2009 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"><tr><td>Name:</td><td>Northwestern University</td></tr><tr><td>Street Address:</td><td>633 Clark Street</td></tr><tr><td>City:</td><td>Evanston</td></tr><tr><td>State/Country:</td><td>ILLINOIS</td></tr><tr><td>Postal Code:</td><td>60208</td></tr></table> | | Name: | Northwestern University | Street Address: | 633 Clark Street | City: | Evanston | State/Country: | ILLINOIS | Postal Code: | 60208 |
| Name: | Northwestern University | | | | | | | | | | |
| Street Address: | 633 Clark Street | | | | | | | | | | |
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| State/Country: | ILLINOIS | | | | | | | | | | |
| Postal Code: | 60208 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13035568</td></tr></tbody></table> | | Property Type | Number | Application Number: | 13035568 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13035568 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| Total Attachments: 3 source=10383_Assignment#page1.tif source=10383_Assignment#page2.tif source=10383_Assignment#page3.tif | | | | | | | | | | | |

CH \$40.00 13035568

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PATENT
REEL: 025867 FRAME: 0146

PATENT
Attorney Docket No: 10383
For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or ☐ U.S. Patent
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: John M. Torkelson ("ASSIGNOR")
(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)
who own the invention) 8225 Niles Center Road
Skokie, IL 60077
(Address)
US
(Nationality)

ASSIGNOR: Katsuyuki Wakabayashi ("ASSIGNOR")
(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)
who own the invention) 218 Market Street, Apt. #1
Lewisburg, PA 17837
(Address)
JP
(Nationality)

*(If assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO add the following)*

Recorded on _____
Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE: Northwestern University ("ASSIGNEE")
633 Clark Street
Evanston, IL 60208
United States of America
(Address)
An Illinois University
(entity type)

REINHART2657867RDD:TLM 03/03/09

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REEL: 025867 FRAME: 0147

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest
for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

**POLYMER-GRAPHITE NANOCOMPOSITES VIA
SOLID-STATE SHEAR PULVERIZATION**

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney, as
named in the Declaration and Power of Attorney I executed for this
invention on the execution date stated above, to insert below the
filing date and application number when it becomes known.
(c) ☒ U.S. application serial no. 12/391,003 filed on February 23, 2009.
(d) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(e) ☐ and any legal equivalent thereof in a foreign country, including the right to
claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above
application or any continuation, division, renewal, or substitute thereof, and as to
letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or
encumbrance has been or will be made or entered into which would conflict with
this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)

John M. Torkelson 4/21/09
John M. Torkelson (Date)

K. Wakabayashi 3/24/09
Katsuyuki Wakabayashi (Date)