

PATENT ASSIGNMENT

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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>Kirk D. Rector</td> <td>06/24/2013</td> </tr> <tr> <td>Marcel Lucas</td> <td>06/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kirk D. Rector	06/24/2013	Marcel Lucas	06/06/2013						
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Marcel Lucas	06/06/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Los Alamos National Security, LLC</td> </tr> <tr> <td>Street Address:</td> <td>Los Alamos National Laboratory</td> </tr> <tr> <td>Internal Address:</td> <td>LC/IP MS A187</td> </tr> <tr> <td>City:</td> <td>Los Alamos</td> </tr> <tr> <td>State/Country:</td> <td>NEW MEXICO</td> </tr> <tr> <td>Postal Code:</td> <td>87545</td> </tr> </table>		Name:	Los Alamos National Security, LLC	Street Address:	Los Alamos National Laboratory	Internal Address:	LC/IP MS A187	City:	Los Alamos	State/Country:	NEW MEXICO	Postal Code:	87545
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: 5056654424 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 505-665-3111 Email: lolas@lanl.gov Correspondent Name: Samuel L. Borkowsky Address Line 1: Los Alamos National Laboratory Address Line 2: LC/IP MS A187 Address Line 4: Los Alamos, NEW MEXICO 87545													
ATTORNEY DOCKET NUMBER:	S-121,057												
NAME OF SUBMITTER:	Samuel L. Borkowsky												
Signature:	/Samuel L. Borkowsky/												

Date:

06/24/2013

Total Attachments: 4

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ASSIGNMENT

DOE S-121,057

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Kirk D. Rector
2. Marcel Lucas

hereby sells, assigns and transfers to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Corporation, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

INCORPORATION OF METAL NANOPARTICLES INTO WOOD SUBSTRATE AND METHODS

and which is found in

- (a) ☐ new U.S. patent application entitled as above and listing the above-named person(s) as inventor(s)
- (b) ☒ U.S. application Serial No. 13/642,060, filed on October 18, 2012.
- (c) ☐ U.S. Patent No. _____, issued _____.
- (d) ☒ U.S. provisional application filed on April 40, 2012, entitled as above and listing the above-named person(s) as inventor(s)

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, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) 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(S) 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 relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

S-121,057

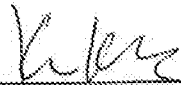
AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

24th day of June, 2013

____ day of _____, 2013

Signature of Inventor(s)


Kirk D. Rector

Marcel Lucas

ASSIGNMENT

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PATENT**REEL: 030672 FRAME: 0081**

S-121,057

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

Signature of Inventor(s)

_____ day of _____, 2013

Kirk D. Rector

6th day of June, 2013



Marcel Lucas