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PATENTS ONLY

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LIGHTSCAPE MATERIALS, INC. (WHOLLY OWNED BY THE DOW CHEMICAL COMPANY)
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: United States Department of Energy
Internal Address: _____
Street Address: 1000 Independence Ave. S.W.
City: Washington
State: D.C.
Country: USA Zip: 20585
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) 11/01/2012
 Assignment Merger
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 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
13/597,739
B. Patent No.(s)
Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1

5. Name and address to whom correspondence concerning document should be mailed:
Name: Mark P. Dvorscak
Internal Address: U. S. Dept. of Energy, IPLD
Street Address: 9800 S. Cass Ave
City: Argonne
State: IL Zip: 60439
Phone Number: 630-252-2393
Fax Number: 630-252-2779
Email Address: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
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 None required (government interest not affecting title)

8. Payment Information
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9. Signature: [Signature] 4/29/2013
Signature Date
Michael J. Dobbs #58,093 Total number of pages including cover sheet, attachments, and documents: **2**
Name of Person Signing

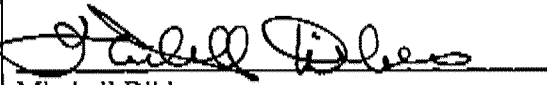
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PATENT

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CONFIRMATORY INSTRUMENT

1. NAME OF CONTRACTOR: Lightscape Materials, Inc. (wholly owned by The Dow Chemical Company)	2. CONTRACT NO.: DE-EE0003245
3. TITLE OF INVENTION: OXYCARBIDONITRIDE BASED PHOSPHORS AND LED LIGHTING DEVICES	
4. NAME OF INVENTOR(S): Yuanqiang Li; Michael Dennis Romanelli; Yongchi Tian	
5. SERIAL NO.: 13/597739	6. FILING DATE: August 29, 2012
<p>The invention identified above is a "Subject Invention" under Patents Rights Clause 10 CFR 600.325 Appendix A, (OCT 2003) included in Contract No. DE-EE0003245 with U.S. Department of Energy</p> <p>This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent applications and any resulting patents, and of all other rights acquired by the Government by the reference clause.</p> <p>The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.</p>	
	<p>BY (Signature)</p>  <p>Mitchell Dibbs November 1, 2012</p> <p>Business Address:</p> <p>The Dow Chemical Company External Technology 1776 Building Midland, MI 48674</p>