

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Brent . Clothier | 07/16/2010 |
| David A. Payne | 07/20/2010 |
| RECEIVING PARTY DATA | |
| Name: | U.S. Department of Energy |
| Street Address: | 1000 Independence Avenue, S.W. |
| Internal Address: | GC-62, 6F-048 |
| City: | Washington |
| State/Country: | DISTRICT OF COLUMBIA |
| Postal Code: | 20585-0162 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11198676 |
| CORRESPONDENCE DATA | |
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| Correspondent Name: | Katherine Baldwin |
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| Address Line 4: | Washington, DISTRICT OF COLUMBIA 20585-0162 |
| ATTORNEY DOCKET NUMBER: | S-102,683 |
| NAME OF SUBMITTER: | Katherine Baldwin |
| Total Attachments: 4 source=S-102683-ExecutedAssignment#page1.tif | |

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U.S. Department of Energy Patent Assignment Form

Whereas, I Brent Clothier and David A. Payne

have invented certain new and useful improvements in :

"Manganite Perovskite Ceramics, Their Precursors and Method of Forming", DOE S-102,683, UIUC Reference No. TF-04026

, for which an application for United States Letters Patent has been filed, identified

as U.S. Patent Application No. 11/198,676

and;

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, I by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

I agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved and I agree that I will encounter or in which they may become involved and I agree that I will aid the Government of the United States in every way in protecting the inventions as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

Inventor:
 Full name of Inventor: Brent Clothier
 Inventor's signature: B. Clothier Date July 16, 2010
 Street Address: 2D ~~CLIPTON PARK~~ TUPELO DRIVE
 City, State: CLIPTON PARK, NY 12065
 Citizenship: U.S.

Witness to Signature:
 Full name of Witness: Fulton J. Lopez
 Witness' Signature: Fulton Lopez Date 7-16-10

Inventor:
 Full name of Inventor: David A. Payne
 Inventor's signature: _____ Date _____
 Street Address: _____
 City, State: _____
 Citizenship: _____

Witness to Signature:
 Full name of Witness: _____
 Witness' Signature: _____ Date _____

Inventor:

Full name of Inventor: Brent Clothier

Inventor's signature: _____

Date _____

Street Address: _____

City, State: _____

Citizenship: _____

Witness to Signature:

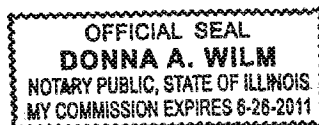
Full name of Witness: _____

Witness' Signature: _____

Date _____

Inventor:

Full name of Inventor: David A. Payne

Inventor's signature: D.A. PayneDate 7/20/10Street Address: 2806 S. FURT ST,City, State: CHAMPAIGN, ILCitizenship: USA**Witness to Signature:**Full name of Witness: Donna A. WilmWitness' Signature: Donna A. WilmDate 7-20-10

Contractor Approval and Consent:

THE BOARD OF TRUSTEES OF
THE UNIVERSITY OF ILLINOIS

By: Walter K. Knorr
Walter K. Knorr, Comptroller

Attest: Michele M. Thompson
Michele M. Thompson, Secretary

Date: July 22, 2010

Government Acceptance:

Accepted for the Benefit of the Government of the United States.

Full Name: John T. Lucas

Signature: [Signature] Date 8-5-10

Title: Acting Assistant General Counsel for Technology
Transfer and Intellectual Property

Witness to Signature:

Full name of Witness: Katherine Balaban

Witness' Signature: Kath Balaban Date 8-5-10