

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ranjani V. Siriwardane	03/05/2010
Robert W. Stevens Jr.	03/05/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	U.S. Department of Energy
<b>Street Address:</b>	1000 Independence Avenue, S.W.
<b>Internal Address:</b>	GC-62, 6F-048
<b>City:</b>	Washington
<b>State/Country:</b>	DISTRICT OF COLUMBIA
<b>Postal Code:</b>	20585-0162
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12720766
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20585-0162
<b>ATTORNEY DOCKET NUMBER:</b>	S-119,120
<b>NAME OF SUBMITTER:</b>	Katherine Baldwin

CH \$40.00 12720766

Total Attachments: 3  
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**PATENT  
 REEL: 024663 FRAME: 0978**

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Joint

# U.S. Department of Energy Patent Assignment Form

Whereas, we, Ranjani V. Siriwardane; Robert W. Stevens, Jr.

*have invented certain new and useful improvements in :*

**PROCESS FOR CO2 CAPTURE USING A REGENERABLE MAGNESIUM  
HYDROXIDE SORBENT**

*for which we are about to file an application for United States Letters Patent, identified  
as S- 119,120*

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, we 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.*

*We 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 we agree that we will encounter or in which they may become  
involved and we agree that we 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: Ranjani V. Siriwardane

Inventor's signature: *Ranjani V. Siriwardane* Date *Mar 5/2010*

Street Address: 1361 Braewick Drive

City, State: Morgantown, WV

Citizenship: USA

**Witness to Signature:**

Full name of Witness: *Lisa Baker*

Witness' Signature: *Lisa Baker* Date *3/5/10*

**Inventor:**

Full name of Inventor: Robert W. Stevens, Jr.

Inventor's signature: *Robert W. Stevens, Jr.* Date *3/5/10*

Street Address: 524 Meteor Drive

City, State: Morgantown, WV

Citizenship: USA

**Witness to Signature:**

Full name of Witness: *Lisa Baker*

Witness' Signature: *Lisa Baker* Date *3/5/10*

**Contractor Approval and Consent:**

Full Name:

Signature:

Date

Title:

**Witness to Signature:**

Full name of Witness:

Witness Signature:

Date

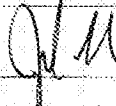
**Government Acceptance:**

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

Full Name:

John T. Lucas

Signature:



Date

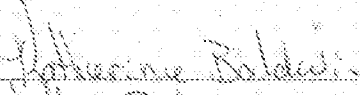
7/7/10

Title:

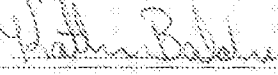
Acting Assistant General Counsel for Technology  
Transfer and Intellectual Property

**Witness to Signature:**

Full name of Witness:



Witness Signature:



Date

7-7-10