

## 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>Robert Andrew Stubbers</td><td>03/06/2009</td></tr><tr><td>Brian Edward Jurczyk</td><td>03/06/2009</td></tr><tr><td>Darren Adam Alman</td><td>03/06/2009</td></tr><tr><td>Matthew David Coventry</td><td>03/11/2009</td></tr><tr><td>Michael Jerome Schaus</td><td>03/06/2009</td></tr></tbody></table>	Name	Execution Date	Robert Andrew Stubbers	03/06/2009	Brian Edward Jurczyk	03/06/2009	Darren Adam Alman	03/06/2009	Matthew David Coventry	03/11/2009	Michael Jerome Schaus	03/06/2009	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Starfire Industries LLC</td></tr><tr><td>Street Address:</td><td>60 Hazelwood Drive</td></tr><tr><td>City:</td><td>Champaign</td></tr><tr><td>State/Country:</td><td>ILLINOIS</td></tr><tr><td>Postal Code:</td><td>61820</td></tr></table>	Name:	Starfire Industries LLC	Street Address:	60 Hazelwood Drive	City:	Champaign	State/Country:	ILLINOIS	Postal Code:	61820			
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>PCT Number:</td><td>US0935595</td></tr></tbody></table>	Property Type	Number	PCT Number:	US0935595									
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PCT Number:	US0935595												
CORRESPONDENCE DATA													
Fax Number: (312)616-5700 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 3126165600													
Email: assignments@leydig.com													
Correspondent Name: Leydig, Voit & Mayer, Ltd.													
Address Line 1: 180 N. Stetson Avenue, Suite 4900													
Address Line 4: Chicago, ILLINOIS 60601													
ATTORNEY DOCKET NUMBER:	266178												
NAME OF SUBMITTER:	Atanu Das												

CH \$40.00 US0935595

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PATENT  
REEL: 022384 FRAME: 0590

Total Attachments: 4

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**PATENT**  
Attorney Docket No. 266178

Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza  
Suite 4900  
Chicago, Illinois 60601-6731

**ASSIGNMENT**

**WHEREAS, WE,**

Robert Andrew STUBBERS  
3220 Brentwood Drive  
Champaign, Illinois 61821

Brian Edward JURCZYK  
3721 Summer Sage Court  
Champaign, Illinois 61822

Darren Adam ALMAN  
703 East Tomaras Avenue  
Savoy, Illinois 61874

Matthew David COVENTRY  
1107 Foley Avenue  
Champaign, Illinois 61820

Michael Jerome SCHAUS  
23W 265 Saint James Court  
Glen Ellyn, Illinois 60137

have invented and own a certain invention entitled:

**METHOD AND SYSTEM FOR IN SITU DEPOSITION AND REGENERATION OF  
HIGH EFFICIENCY TARGET MATERIALS FOR LONG LIFE NUCLEAR  
REACTION DEVICES**

for which invention we have executed an International Application for a U.S. patent, which was filed on February 27, 2009, under International Application No. PCT/US09/35595, which designates the U.S., and

Whereas, Starfire Industries LLC, of 60 Hazelwood Drive, Champaign, Illinois 61820 (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

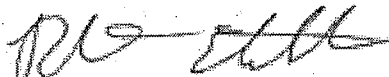
UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date

03/06/2009



Robert Andrew Stubbers

STATE OF ILLINOIS )

) SS:

COUNTY OF Champaign )

On this 6th day of March, 2009, before me, a Notary Public in and for said county, appeared Robert Andrew Stubbers, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



Notary Public

{SEAL}

My Commission Expires: 01/29/2012

Date 03/06/2009

B. E. Jurezyk  
Brian Edward Jurezyk

STATE OF ILLINOIS )  
 ) SS:  
COUNTY OF Champaign )

On this 6th day of March, 2009, before me, a Notary Public in and for said county, appeared Brian Edward Jurezyk, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



{SEAL}

Karolee Brown  
Notary Public

My Commission Expires: 01/29/2012

Date 03/06/2009

D. A. Alman  
Darren Adam Alman

STATE OF ILLINOIS )  
 ) SS:  
COUNTY OF Champaign )

On this 6th day of March, 2009, before me, a Notary Public in and for said county, appeared Darren Adam Alman, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



{SEAL}

Karolee Brown  
Notary Public

My Commission Expires: 01/29/2012

Date

3/11/09

Matthew David Coventry  
Matthew David Coventry

STATE OF ILLINOIS )

) SS:

COUNTY OF Champaign )

On this 11<sup>th</sup> day of March, 2009, before me, a Notary Public in and for said county, appeared Matthew David Coventry, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



Karolee Brown  
Notary Public

{SEAL}

My Commission Expires: 01-29-2012

Date

03/06/2009

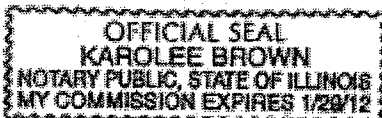
Michael Jerome Schaus  
Michael Jerome Schaus

STATE OF ILLINOIS )

) SS:

COUNTY OF Champaign )

On this 6<sup>th</sup> day of March, 2009, before me, a Notary Public in and for said county, appeared Michael Jerome Schaus, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.



Karolee Brown  
Notary Public

{SEAL}

My Commission Expires: 01/29/2012