

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>Jing Xu</td> <td>07/24/2007</td> </tr> <tr> <td>Xingbo Liu</td> <td>07/24/2007</td> </tr> <tr> <td>Yinglu Jiang</td> <td>07/24/2007</td> </tr> <tr> <td>Frank Goodwin</td> <td>10/26/2007</td> </tr> </tbody> </table>		Name	Execution Date	Jing Xu	07/24/2007	Xingbo Liu	07/24/2007	Yinglu Jiang	07/24/2007	Frank Goodwin	10/26/2007
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>West Virginia University</td> </tr> <tr> <td>Street Address:</td> <td>886 Chestnut Ridge Road</td> </tr> <tr> <td>City:</td> <td>Morgantown</td> </tr> <tr> <td>State/Country:</td> <td>WEST VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>26506-6224</td> </tr> </table>		Name:	West Virginia University	Street Address:	886 Chestnut Ridge Road	City:	Morgantown	State/Country:	WEST VIRGINIA	Postal Code:	26506-6224
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PROPERTY NUMBERS Total: 2											
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CORRESPONDENCE DATA											
<p>Fax Number: (412)562-1041</p> <p>Phone: 412-562-3978</p> <p>Email: vicki.cremonese@bipc.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Craig G. Cochenour</p> <p>Address Line 1: 301 Grant Street</p> <p>Address Line 2: 20th Floor</p> <p>Address Line 4: Pittsburgh, PENNSYLVANIA 15219</p>											
ATTORNEY DOCKET NUMBER:	0074539-000001										

NAME OF SUBMITTER:

Craig G. Cochenour

Total Attachments: 6

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ASSIGNMENT
(For Use Prior to or at the Time of Filing Patent Application)

WHEREAS,

INVENTOR(S) NAME(S)
ADDRESS(ES)

INVENTOR(S) RESIDENCE

1. Jing XU 1227 Pineview Dr. Apt 7

- Morgantown, WV 26505
2. Xingbo Liu 898 Ashton Place
Morgantown, WV 26508
3. Yinglu Jing
Morgantown, WV 26506
4. Frank Goodwin Chapel Hill 104 Fieldstone Ct,
↓ NC, 27514
Durham, NC 27713
5. _____

("Assignor(s)") has/have invented certain new and useful improvements in an invention with a working title of:

INVENTION TITLE

High temperature electrochemical characterization of molten metal corrosion

which may become the subject of a United States or foreign patent application or any other type of intellectual property protection.

AND WHEREAS WEST VIRGINIA UNIVERSITY, a state institution of higher education existing under the laws of the State of West Virginia (hereinafter called "Assignee"), is desirous of acquiring the entire worldwide right, title, and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection including any intellectual property protections to be obtained therefore in the United States, its territorial possessions, and in any and all foreign countries.

NOW, THEREFORE, in consideration of One (\$1.00) Dollar, the Intellectual Property Policy of West Virginia University and/or other good and valuable consideration paid to Assignor(s) by said Assignee, the receipt and

sufficiency of all of which Assignor(s) hereby acknowledge(s), Assignor(s) do/does hereby assign, sell, transfer, and set over unto said Assignee, the entire right, title, interest in said inventions and improvements for the United States and its territorial possessions and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and an and all divisions, reissues, continuations, continuations-in-part, substitutes, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by Assignor(s) had this assignment not been made.

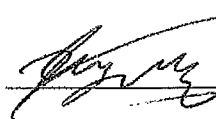
The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. Assignor(s) covenant that Assignor(s) is/are the lawful owner(s) of the inventions and improvements disclosed in said invention, that the same are unencumbered, that no license has been granted to make, use, offer for sale, sell or import said inventions or improvements or any of them, and that Assignor(s) has/have the full right to make this assignment.

Assignor(s) hereby covenant(s) with said Assignee, its successors, assigns and legal representatives that I/we have made to others no assignment, grant, mortgage, license, sale or agreement affecting the rights and property conveyed and that we have the full right to convey the same as herein expressed.

And for the consideration aforesaid, Assignor(s) agree(s) jointly and individually that Assignor(s) will communicate to said Assignee or the representatives thereof any facts known to Assignor(s) respecting said inventions and improvements, and will, upon request, but without expense to Assignor(s), testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue, continuation, continuations-in-part, substitutes, renewal, and/or all other patent applications, execute all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon Assignor(s) heirs, executors, administrators, successors, and/or assigns, and shall inure to the benefit of the heirs, executors, administrative successors and/or assigns, as the case may be, of said Assignee.

DATE EXECUTED _____

July 24th, 2007



Inventor 1 (your signature)

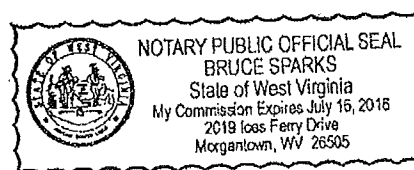
State of West Virginia
County of Morgan

Before me, a Notary Public in and for the said County and State, personally appeared Inventor, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notary seal this 24th day of July, 2007

Bruce Sparks

Notary Public



DATE EXECUTED _____

July 24, 2007

[Signature]

Inventor 2 (your signature)

State of West Virginia

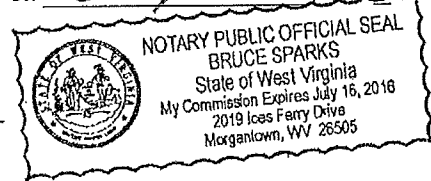
County of Monongalia

Before me, a Notary Public in and for the said County and State, personally appeared Inventor, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notary seal this 24th day of July, 2007

[Signature]

Notary Public



DATE EXECUTED _____

July 24, 2007

[Signature]

Inventor 3 (your signature)

State of WV

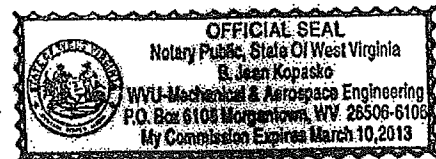
County of MONONGALIA

Before me, a Notary Public in and for the said County and State, personally appeared Inventor, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notary seal this 24 day of July, 2007

[Signature]

Notary Public



DATE EXECUTED OCTOBER 26, 2007

[Signature]

Inventor 4 (your signature)

State of NORTH CAROLINA

County of DURHAM

Before me, a Notary Public in and for the said County and State, personally appeared Inventor, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notary seal this 26 day of October, 2007

[Signature]
Notary Public

My Commission expires
March 14, 2009.

DATE EXECUTED _____, 200__

Inventor 5 (your signature)

State of _____

County of _____

Before me, a Notary Public in and for the said County and State, personally appeared Inventor, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notary seal this ____ day of _____, 200__

Notary Public