

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Joongmyeon Bae	10/28/2010
Dong-ryul Lee	10/28/2010
Kwang-Jin Park	10/28/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Korea Advanced Institute of Science and Technology
<b>Street Address:</b>	373-1 Guseong-dong, Yuseong-gu
<b>City:</b>	Daejeon
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Postal Code:</b>	305-701
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12917786
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	5038-103412
<b>NAME OF SUBMITTER:</b>	Richard L. Byrne

OP \$40.00 12917786

Total Attachments: 3  
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**PATENT**  
**REEL: 025234 FRAME: 0302**

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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
Joongmyeon BAE  
Dong-ryul LEE  
Kwang-Jin PARK

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Korea Advanced Institute of Science and Technology  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: 373-1 Guseong-dong, Yuseong-gu, Daejeon  
\_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Country: REPUBLIC OF KOREA Zip: 305-701

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) October 28, 2010

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
12/917,786

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Richard L. Byrne  
Internal Address: The Webb Law Firm  
\_\_\_\_\_  
Street Address: 436 Seventh Avenue  
700 Koppers Building  
City: Pittsburgh  
State: PA Zip: 15219  
Phone Number: 412-471-8815  
Fax Number: 412-945-5933  
Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved:** 1

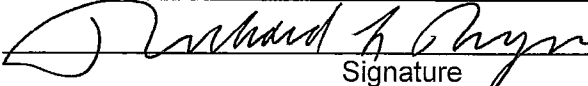
**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 4775  
Expiration Date 05/2012

b. Deposit Account Number 23-0650  
Authorized User Name \_\_\_\_\_

**9. Signature:**  \_\_\_\_\_  
Signature November 2, 2010  
Date

Richard L. Byrne, Registration No. 28,498 Total number of pages including cover sheet, attachments, and documents: 3  
Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**

This is an Assignment of the following rights, title and interest:

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- International Application No.

Date of Filing:

- For which an application for a U.S. Patent was executed on \_\_\_\_\_
- United States Patent Application Serial No. \_\_\_\_\_

Date of Filing: \_\_\_\_\_

Title of the Invention: **HEAT CONTROLLABLE VISUALIZATION APPARATUS FOR TRANSPARENT PEMFC**

Inventors (Assignors): BAE, Joongmyeon/ LEE, Dong-ryul/ PARK, Kwang-Jin

Assignee(s): **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY**  
(of 373-1, Guseong-dong, Yuseong-gu, Daejeon 305-701 Republic of Korea )

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

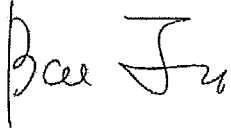
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said applications(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States, unto said Assignee.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

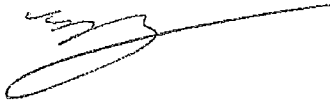
And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

BAE, Joongmyeon  
Signature:



Oct. 28, 2010  
Date

LEE, Dong-ryul  
Signature:



Oct. 28, 2010  
Date

PARK, Kwang-Jin  
Signature:

박 광 진

Oct. 28, 2010  
Date