## 503212925 03/10/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3259541

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>
INSTITUTE FOR ADVANCED ENGINEERING	03/04/2015

### **RECEIVING PARTY DATA**

Name:	INSTITUTE FOR ADVANCED ENGINEERING
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Postal Code:	100-095
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14343113

#### **CORRESPONDENCE DATA**

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DATE SIGNED:	03/10/2015

**Total Attachments: 2** 

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PATENT REEL: 035132 FRAME: 0264

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PATENT REEL: 035132 FRAME: 0265

#### ASSIGNMENT

WHEREAS, INSTITUTE FOR ADVANCED ENGINEERING of 526, Namdaemunno 5-ga, Jung-gu, Seoul 100-095, Republic of Korea ("Assignor"), is the Applicant of U.S. Serial No. 14/343,113, entitled "NON-MELT AND PARTIAL MELT TYPE ENTRAINED FLOW BED GASIFIER" that an application for Letters Patent which claims the priority of Korean Patent Application No. 10-2012-0047535 filed on May 4, 2012.

WHEREAS, KOREA WESTERN POWER CO., LTD., a corporation organized and existing under the laws of Republic of Korea, and having offices at 152, Teheran-ro, Gangnam-gu, Seoul 135-984, Republic of Korea, and INSTITUTE FOR ADVANCED ENGINEERING ("Assignees") are desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection in the United States;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged,

- a) Assignor agrees to transfer, and
- b) Assignor does hereby transfer,

to Assignees, their successors and assigns, effective as of May 4, 2012 *nunc pro tunc*, Assignor's entire right, title and interest in the above named countries and jurisdictions in and to the following including the right to sue for past infringement: the invention, the above-identified applications, all applications from which any of the above-identified applications claim priority, corresponding U.S. and non-U.S. applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and Assignor authorizes the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to Assignees.

Assignor authorizes Assignees, their successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named countries and jurisdictions and appoint Assignees the common representative in the above identified application and any application for the invention.

Assignor represents to Assignees, their successors and assigns, that Assignor shall not execute any writing or do any act whatsoever conflicting with this Assignment. Assignor, its executors or administrators, will at any time upon request, without additional consideration, but at the expense of Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that Assignor, its executors or administrators is unable or unavailable to execute and deliver to Assignees or their legal representatives such additional writings and do such additional acts as Assignees, their successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, Assignor, its executors or administrators hereby authorize Assignees, their successors and assigns to act on Assignor's behalf/behalves.

If any provision(s) of this Assignment are held unenforceable or in conflict with the law of any jurisdiction, the validity of the remaining provisions will not be affected by such holding and the part held unenforceable in or in conflict with the law of one jurisdiction will remain in effect for other jurisdictions until held unenforceable or in conflict with the law of that jurisdiction.

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March 4, 2015

Date

Name:

Title: CFG
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Seoul 100-095

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