

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3146497

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONG KYU KIM	12/08/2014
HYUN AH KWON	12/05/2014
SUN YONG HWANG	12/05/2014
RECEIVING PARTY DATA	
Name:	POSTECH ACADEMY-INDUSTRY FOUNDATION
Street Address:	SAN 31, HYOJADONG, NAM-GU
City:	POHANG-SI, GYEONGSANGBUK-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	790-784
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14407966
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	2170-022
NAME OF SUBMITTER:	HYUN YONG LEE
SIGNATURE:	/Hyun Yong Lee/
DATE SIGNED:	12/15/2014
Total Attachments: 2	
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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, KIM, Jong Kyu; KWON, Hyun Ah and HWANG, Sun Yong, hereby sell, assign, and transfer POSTECH ACADEMY-INDUSTRY FOUNDATION, a corporation of Republic of Korea, having a principal place of businesses at San 31, Hyoja-dong, Nam-gu, Pohang-si, Gyeongsangbuk-do 790-784, Republic of Korea ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

**METAL OXIDE SEMICONDUCTOR GAS SENSOR HAVING
NANOSTRUCTURE AND METHOD FOR MANUFACTURING SAME**

- ☒ which has been executed by the undersigned concurrently herewith,
☐ which was filed on _____ and assigned _____

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

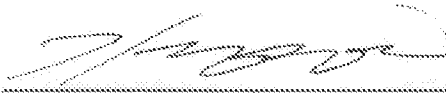
agree that said Assignees may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignees, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignees, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignees, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignees, its successors, assigns, and legal representatives; and

covenant with said Assignees, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Attorney Docket No.: 2170-022
Client Docket No.: F14P1024US

Each Inventor: Please Sign and Date Below:

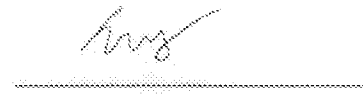
12.8, 2014
Date


Name: KIM, Jong Kyu

12.05, 2014
Date


Name: KWON, Hyun Ah

12.05, 2014
Date


Name: HWANG, Sun Yong