

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>Jin Yi LEE</td> <td>10/29/2012</td> </tr> <tr> <td>Jong Woo JUN</td> <td>10/29/2012</td> </tr> <tr> <td>Jung Min KIM</td> <td>10/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jin Yi LEE	10/29/2012	Jong Woo JUN	10/29/2012	Jung Min KIM	10/29/2012
Name	Execution Date								
Jin Yi LEE	10/29/2012								
Jong Woo JUN	10/29/2012								
Jung Min KIM	10/29/2012								
RECEIVING PARTY DATA									
Name:	INDUSTRY-ACADEMIC COOPERATION FOUNDATION CHOSUN UNIVERSITY								
Street Address:	309, Pilmun-daero, Dong-gu								
City:	Gwangju								
State/Country:	KOREA, REPUBLIC OF								
Postal Code:	501-759								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13667064</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13667064				
Property Type	Number								
Application Number:	13667064								
CORRESPONDENCE DATA									
Fax Number:									
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	571-249-5652								
Email:	mail@thepllawgroup.com								
Correspondent Name:	The PL Law Group, PLLC								
Address Line 1:	11710 Plaza America Dr, Suite 2000								
Address Line 4:	Reston, VIRGINIA 20190								
ATTORNEY DOCKET NUMBER:	P16412IM								
NAME OF SUBMITTER:	Jong H Park								
Total Attachments: 1 source=20121102_P16412IM_TU_ASN#page1.tif									

OP \$40.00 13667064

ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

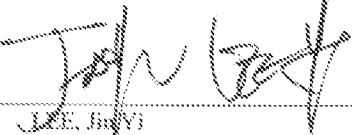
INDUSTRY-ACADEMIC COOPERATION FOUNDATION CHOSUN UNIVERSITY
having a place of business at 309, Pilmun-daero, Dong-gu, Gwangju, 501-759, Republic of Korea

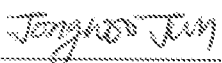
Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

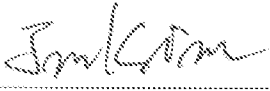
APPARATUS AND METHOD FOR DETECTING CRACK IN SMALL-BORE PIPING SYSTEM
invented by me and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **INDUSTRY-ACADEMIC COOPERATION FOUNDATION CHOSUN UNIVERSITY**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made.

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres.

IN WITNESS WHEREOF, I have set our hands and seals on the dates written beside my name:


NAME: J.E. Joo
ADDRESS: 202-8051 Daeju 2 Cha Apt., Pungam-dong, Seo-gu, Gwangju, 502-738 Republic of Korea
DATE: 29/10/2012


NAME: JUN, Jong Woo
ADDRESS: 1309-201, Sinchang 7 Cha Buyeong Sarangbero Apt., Singu-dong, Gwangsan-gu, Gwangju, 506-737 Republic of Korea
DATE: 29/10/2012


Name: KIM, Jung Min
Address: 301, Hans Villa, 57-38, Geum-dong, Dong-gu, Gwangju, 501-170, Republic of Korea
Date: 29/10/2012