

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tae-Yun CHUNG</td> <td>10/26/2010</td> </tr> <tr> <td>Pan-Jong PARK</td> <td>10/26/2010</td> </tr> <tr> <td>Dae-iL KIM</td> <td>10/26/2010</td> </tr> </tbody> </table>		Name	Execution Date	Tae-Yun CHUNG	10/26/2010	Pan-Jong PARK	10/26/2010	Dae-iL KIM	10/26/2010		
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CORRESPONDENCE DATA											
<p>Fax Number: (860)286-0115 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 860-286-2929 Email: cldavenport@cantorcolburn.com Correspondent Name: CANTOR COLBURN LLP Address Line 1: 20 Church Street, 22nd Floor Address Line 4: Hartford, CONNECTICUT 06103</p>											
ATTORNEY DOCKET NUMBER:	ZPL0019US										
NAME OF SUBMITTER:	Jaegyoo Jang										
<p>Total Attachments: 2 source=45I9110#page1.tif</p>											

OP \$40.00 12990611

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PATENT
REEL: 025229 FRAME: 0096

ASSIGNMENT

WHEREAS We, **Tae-Yun CHUNG** of 301-1103 Kyungpodae Sindobranew Royalcounty Apt., Songjeong-dong, Gangneung-si, Gangwon-do 210-140, Republic of Korea; **Pan-Jong PARK** of 2-708 ho, Kukdong APT., Gyohang-ri 240-11, Jumunjin-eup, Gangneung-si, Gangwon-do 210-801, Republic of Korea and **Dae-II KIM** of 108-1301ho, Jugong 1-Cha Apt. Gyo 1-dong, Gangneung-si, Gangwon-do 210-752, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

**METHOD FOR UPDATING FIRMWARE OF SENSOR NODES ON A WIRELESS
SENSOR NETWORK AND FIRMWARE UPDATER USING FOR THE SAME
METHOD**

(hereinafter referred to as "INVENTION") which claims priority to Korean Application No. 10-2008-0041176, filed on May 2, 2008 ; was filed on May 4, 2009 as International Application No. PCT/KR2009/002345; and for which we, said ASSIGNORS, are about to file an application for a United States Patent (hereinafter collectively referred to as "APPLICATIONS");


AND WHEREAS, **GANGNEUNG-WONJU NATIONAL UNIVERSITY INDUSTRY ACADEMY COOPERATION GROUP** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Republic of Korea, having a place of business at **120 Gangneung Daehangno, Gangneung-si, Gangwon-do 210-702, Republic of Korea**, is desirous of acquiring an interest in any and all countries, in and to the INVENTION, the APPLICATIONS, and any Patents that issue therefrom;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the

ASSIGNORS, have assigned and transferred, and hereby assign and transfer unto ASSIGNEES, the entire right, title and interest in and to the INVENTION, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEES; and we, the ASSIGNORS, do hereby agree that we will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEES, their successors or assigns, and that we will, at the cost and expense of ASSIGNEES, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Date: OCT. 26, 2010




Tae-Yun CHUNG L.S.

Date: OCT. 26. 2010



Pan-Jong PARK L.S.

Date: OCT. 26. 2010



Dae-II KIM L.S.