

PATENT ASSIGNMENT

Electronic Version v1.1

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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 Kyung KANG</td> <td>04/09/2009</td> </tr> <tr> <td>Man Ho BYEAN</td> <td>04/09/2009</td> </tr> <tr> <td>Ju Hyun BAEK</td> <td>04/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tae Kyung KANG	04/09/2009	Man Ho BYEAN	04/09/2009	Ju Hyun BAEK	04/09/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>WOONGJIN COWAY CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>658 Yougu-ri, Yougu-eup</td> </tr> <tr> <td>City:</td> <td>Gongju, Choongcheongnam-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	WOONGJIN COWAY CO., LTD.	Street Address:	658 Yougu-ri, Yougu-eup	City:	Gongju, Choongcheongnam-do	State/Country:	REPUBLIC OF KOREA
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Street Address:	658 Yougu-ri, Yougu-eup								
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CORRESPONDENCE DATA									
<p>Fax Number: (949)622-0387</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949.851.0633</p> <p>Email: gbarba@mwe.com</p> <p>Correspondent Name: Mark J. Itri</p> <p>Address Line 1: 18191 Von Karman Avenue</p> <p>Address Line 2: Suite 500</p> <p>Address Line 4: Irvine, CALIFORNIA 92612</p>									
ATTORNEY DOCKET NUMBER:	069576-0527								
NAME OF SUBMITTER:	Mark J. Itri, Reg. No. 36,171								
<p>Total Attachments: 2</p> <p>source=069576-0527_Assignment#page1.tif</p> <p>source=069576-0527_Assignment#page2.tif</p>									

CH \$40.00 12428420

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PATENT
REEL: 022586 FRAME: 0469

Attorney Docket No.: 069576-0527

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>KANG, Tae Kyung</u>	(5) _____
(2) <u>BYEAN, Man Ho</u>	(6) _____
(3) <u>BAEK, Ju Hyun</u>	(7) _____
(4) _____	(8) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

WOONGJIN COWAY CO., LTD.

658 Yougu-ri, Yougu-eup, Gongju, Choongcheongnam-do, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DEVICE AND METHOD FOR DETECTING ZERO CROSSING AND VOLTAGE AMPLITUDE FROM SINGLE PULSE SIGNAL

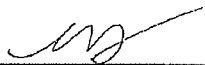

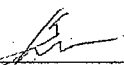
(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Application No. _____; or

(b) for which an application for United States Letters Patent was executed on 04.09.09,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	 Name: KANG, Tae Kyung	<u>2009. 4. 9</u>
2)	 Name: BYEAN, Man Ho	<u>2009. 4. 9</u>
3)	 Name: BAEK, Ju Hyun	<u>2009. 4. 9</u>