

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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>Kang LEE</td> <td>04/27/2010</td> </tr> <tr> <td>Sang Jeon HONG</td> <td>04/27/2010</td> </tr> <tr> <td>Sang Youl LEE</td> <td>04/27/2010</td> </tr> <tr> <td>Jong Hwan AHN</td> <td>04/27/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Kang LEE | 04/27/2010 | Sang Jeon HONG | 04/27/2010 | Sang Youl LEE | 04/27/2010 | Jong Hwan AHN | 04/27/2010 |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>HWABACK ENGINEERING CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>Sihwa Kongdan 704 2-Ma, Jeongwang-dong,</td> </tr> <tr> <td>City:</td> <td>Siheung-si, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>429-450</td> </tr> </table> | | Name: | HWABACK ENGINEERING CO., LTD. | Street Address: | Sihwa Kongdan 704 2-Ma, Jeongwang-dong, | City: | Siheung-si, Gyeonggi-do | State/Country: | REPUBLIC OF KOREA | Postal Code: | 429-450 |
| Name: | HWABACK ENGINEERING CO., LTD. | | | | | | | | | | |
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| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12772565</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12772565 | | | | | | |
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| Application Number: | 12772565 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (213)384-7211 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 213-384-7200 Email: FIRM@IPLAPA.COM Correspondent Name: IPLA P.A. Address Line 1: 3550 WILSHIRE BLVD. Address Line 2: 17TH FLOOR Address Line 4: LOS ANGELES, CALIFORNIA 90010</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 2083-06 | | | | | | | | | | |
| NAME OF SUBMITTER: | James E. Bame | | | | | | | | | | |
| Total Attachments: 2 | | | | | | | | | | | |

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PATENT
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ASSIGNMENT

WHEREAS, I/WE, **KANG LEE, SANG JEON HONG, SANG YOUL LEE, & JONG HWAN AHN**, hereafter, together with any successors, legal representatives or assigns thereof, referred to as "the undersigned", invented certain new and useful improvements disclosed in an application for United States Letters Patent claiming priority of Korean Patent Application No. 10-2009-0074463 filed 12 August 2009, entitled: **APPARATUS AND METHOD FOR DETECTING ARCS**;

WHEREAS, the undersigned hereby authorize(s) and request(s) his/her/their attorney, James E. Bame, of IPLA P.A. 3550 Wilshire Blvd. 17th Fl. Los Angeles, CA 90010, to insert herein on the underline 12/772,565 filed: 3 May 2010, application number and filing date of said application when known.

AND WHEREAS, **HWABACK ENGINEERING CO., LTD.**, a business entity whose post office address is Sihwa Kongdan 704 2Ma Jeongwang-dong, Siheung-si, Gyeonggi-do 429-450, Republic of Korea, hereafter, together with any successors, legal representatives or assigns thereof, referred to as "the assignee", want(s) to acquire the entire right, title and interest in and to said improvements and application;

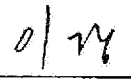
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to the assignee the entire right, title and interest in and to said improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents (and all other patents) which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals and reissues thereof) granted for said improvements in any foreign countries; and the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue all patents for said improvements to the assignee in accordance with the terms of this assignment;

AND THE UNDERSIGNED HEREBY covenant(s) that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any agreement in conflict herewith;

AND THE UNDERSIGNED HEREBY further covenant(s) and agree(s) that the undersigned will communicate to the assignee any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional continuation, continuations legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid the assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the name(s).

Date: April 27, 2010

Signature: 
KANG LEE

Date: April 27, 2010

Signature: 
SANG JEON HONG

Date: April 27, 2010

Signature: 
SANG YOUL LEE

Date: April 27, 2010

Signature: 
JONG HWAN AHN

STATE OF _____)

COUNTY OF _____)

Before me personally appeared said KANG LEE, SANG JEON HONG, SANG YOUL LEE, & JONG HWAN AHN and acknowledged the foregoing instrument to be his free act and deed on this _____ day of _____, 2010.

Seal