

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>Beom-seon Ryu</td> <td>01/31/2012</td> </tr> <tr> <td>Chang-sik Lim</td> <td>01/31/2012</td> </tr> <tr> <td>Tae-Kyoung Kang</td> <td>01/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Beom-seon Ryu	01/31/2012	Chang-sik Lim	01/31/2012	Tae-Kyoung Kang	01/31/2012
Name	Execution Date								
Beom-seon Ryu	01/31/2012								
Chang-sik Lim	01/31/2012								
Tae-Kyoung Kang	01/31/2012								
RECEIVING PARTY DATA									
Name:	MAGNACHIP SEMICONDUCTOR, LTD.								
Street Address:	1, Hyangjeong-dong, Hungduk-gu								
City:	Cheongju-si, Chungbuk								
State/Country:	REPUBLIC OF KOREA								
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>13397864</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13397864				
Property Type	Number								
Application Number:	13397864								
CORRESPONDENCE DATA									
Fax Number:	(202)315-3758								
Phone:	202-429-0020								
Email:	info@nsiplaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	NSIP LAW								
Address Line 1:	P.O. Box 34688								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043								
ATTORNEY DOCKET NUMBER:	5001.0053								
NAME OF SUBMITTER:	Christopher R. Monday								
Total Attachments: 2 source=NewApp_50010053_AssignmentAsFiled#page1.tif source=NewApp_50010053_AssignmentAsFiled#page2.tif									

OP \$40.00 13397864

ASSIGNMENT

For valuable consideration, we,

Beom-seon RYU	1, Hyangjeong-dong, Hungduk-gu, Cheongju-si, Chungbuk, Republic of Korea
Chang-sik LIM	1, Hyangjeong-dong, Hungduk-gu, Cheongju-si, Chungbuk, Republic of Korea
Tae-kyoung KANG	1, Hyangjeong-dong, Hungduk-gu, Cheongju-si, Chungbuk, Republic of Korea

hereby assign to:

MAGNACHIP SEMICONDUCTOR, LTD., a Republic of Korea

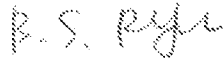
corporation/institution having principal executive office(s) or place of business at: 1,

Hyangjeong-dong, Hungduk-gu, Cheongju-si, Chungbuk, Republic of Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 13/397,864 filed February 16, 2012 at the U.S. Patent & Trademark Office signed by us, with title PWM CONTROLLING CIRCUIT AND LED DRIVER CIRCUIT HAVING THE SAME, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.


IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 31 day of Jan, 2012



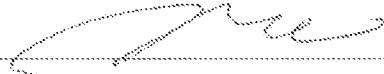
Signature: Beom-seon RYU

This 31 day of Jan, 2012



Signature: Chang-sik LIM

This 31 day of Jan, 2012



Signature: Tae-kyoung KANG