

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>12/23/2011</td> </tr> <tr> <td>Chang-sik LIM</td> <td>12/23/2011</td> </tr> </tbody> </table>		Name	Execution Date	Beom-seon RYU	12/23/2011	Chang-sik LIM	12/23/2011		
Name	Execution Date								
Beom-seon RYU	12/23/2011								
Chang-sik LIM	12/23/2011								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>MAGNACHIP SEMICONDUCTOR, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1, Hyangjeong-dong, Hungduk-gu, Chungbuk</td> </tr> <tr> <td>City:</td> <td>Cheongju-si</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	MAGNACHIP SEMICONDUCTOR, LTD.	Street Address:	1, Hyangjeong-dong, Hungduk-gu, Chungbuk	City:	Cheongju-si	State/Country:	REPUBLIC OF KOREA
Name:	MAGNACHIP SEMICONDUCTOR, LTD.								
Street Address:	1, Hyangjeong-dong, Hungduk-gu, Chungbuk								
City:	Cheongju-si								
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>13285253</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13285253				
Property Type	Number								
Application Number:	13285253								
CORRESPONDENCE DATA									
Fax Number: (202)315-3758 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: 1156 15th St NW Address Line 2: Suite 603 Address Line 4: Washington, DISTRICT OF COLUMBIA 20005									
ATTORNEY DOCKET NUMBER:	5001.0045								
NAME OF SUBMITTER:	Chisty Hussain, IP Paralegal								
Total Attachments: 2 source=NewApp_50010045_20120106LFC_AssignmentExecuted#page1.tif source=NewApp_50010045_20120106LFC_AssignmentExecuted#page2.tif									

OP \$40.00 13285253

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

hereby assign to:

MAGNACHIP SEMICONDUCTOR, LTD., a Republic of Korea

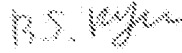
corporation/institute/institution having principal executive office(s) or place of business

at: 1, Hyangjeong-dong, Hungduk-gu, Cheongju-si, Chungbuk, 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 13/285,253 filed October 31, 2011 at the U.S. Patent & Trademark Office signed by us, with title PWM SIGNAL GENERATING CIRCUIT FOR DC-DC CONVERTER USING DIMMING SIGNAL AND LED DRIVING CIRCUIT HAVING THE SAME IN DIRECT DIGITAL DIMMING METHOD, 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.

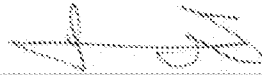
IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 23 day of Dec, 2011



Signature: Beom-seon RYU

This 23 day of Dec, 2011



Signature: Chang-sik LIM