

## PATENT ASSIGNMENT

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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>02/15/2012</td> </tr> <tr> <td>Gyu-ho Lim</td> <td>02/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Beom-seon Ryu	02/15/2012	Gyu-ho Lim	02/15/2012
Name	Execution Date						
Beom-seon Ryu	02/15/2012						
Gyu-ho Lim	02/15/2012						
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>13398306</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13398306		
Property Type	Number						
Application Number:	13398306						
CORRESPONDENCE DATA							
Fax Number:	(202)315-3758						
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NAME OF SUBMITTER:	Christopher R. Monday						
Total Attachments: 2 source=NewApp_50010055_AssignmentAsFiled#page1.tif source=NewApp_50010055_AssignmentAsFiled#page2.tif							

OP \$40.00 13398306

## ASSIGNMENT

For valuable consideration, we,

**Beom-seon RYU**      1, Hyangjeong-dong, Hungduk-gu, Cheongju-si,  
                                         Chungbuk, Republic of Korea

**Gyu-ho LIM**            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 13/398,306 filed February 16, 2012 at the U.S. Patent &  
Trademark Office signed by us, with title LEVEL SHIFTER, 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 15 day of Feb, 2012

*B. S. Ryu*

Signature: Beom-seon RYU

This 15 day of Feb, 2012

*Gyn-ho Lim*

Signature: Gyn-ho LIM