## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JANG HYUCK LEE	06/09/2022
JOO HAN YOON	05/19/2022

### **RECEIVING PARTY DATA**

Name:	MAGNACHIP SEMICONDUCTOR, LTD.
Street Address:	15F, 76 JIKJI-DAERO 436BEON-GIL (JIKJI SMART TOWER), HEUNGDEOK-GU, CHUNGCHEONGBUK-DO
City:	CHEONGJU-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	28581

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	17842919	

#### CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2024290020 Email: pto@nsiplaw.com

Correspondent Name: NSIP LAW
Address Line 1: P.O.BOX 65745

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ATTORNEY DOCKET NUMBER:	023103.0231
NAME OF SUBMITTER:	MARK E. WALLERSON
SIGNATURE:	/Mark E. Wallerson/
DATE SIGNED:	06/17/2022

### **Total Attachments: 4**

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PATENT 507341462 REEL: 060234 FRAME: 0708

### **DECLARATION**

As a below-named inventor	, I hereby deck	are that this declaration	is directed to the application attached hereto.
or to United States Applicat	tion Number or	PCT International Appli	cation Number
17/842,919	filed on	June 17, 2022	(if applicable), entitled:
SWITCH CON	TROL CIRCU	IIT AND SWITCH CO	NTROL METHOD THEREOF
The above-identified application			
I believe I am the original in application.	ventor or an ori	iginal joint inventor of a	claimed invention in the above-identified
I hereby acknowledge that a 1001 by fine or imprisonment	any willful false nt of not more t	statement made in this han five (5) years, or bo	declaration is punishable under 18 USC
I have reviewed and unders	tand the conter	nts of the above-identific	ed application, including the claims.
I am aware of the duty to dis me to be material to patenta	sclose to the Ur ability as defined came available	nited States Patent and d in 37 CFR 1.56, include between the filing date	Trademark Office all information known to ling for continuation-in-part applications, of the prior application and the patienal or
		ASSIGNMENT	
For valuable consideration, I	, as a below-na	amed assignor, hereby:	assign to:
Magnachip Semiconductor, 15F, 76 Jikji-daero 436beon Heungdeok-gu, Cheongju-si Republic of Korea	Ltd. -qil (Jikii Smart	Tower\	
and its successors and assig	ıns (collectively	hereinafter called "the	Assignee"), the entire right, title, and
interest throughout the world	in the inventior	ns and improvements th	nat are the subject of the application
identified in the above declar Number 17/842,919	ation, which is	United States Application	on Number or PCT International Application
vesignment by meeting abou	ve the application	on number and the filing	fied application to hereafter complete this g date of the above-identified application iscovered in this Assignment.
This Assignment includes the utility models, and design reg subject of the above-identifier identified application under the Cooperation Treaty, the Euro the Assignee to apply in all coregistrations, like rights of excitations are the subject of the about the treatment of treatment of treatment of treatment of treatment of treatment of the treatment of treatment o	above-identifications grant distrations grant dispolication, and le International pean Patent Co puntries in my re clusion, and inversive-identified ap without further	ed application, any and ted for any of the invent nd the right to claim price Convention for the Proposer in the angle of the right of	all United States and foreign patents, ions and improvements that are the prity based on the filing date of the above-tection of Industrial Property, the Patent treaties of like purposes; and I authorize for patents, utility models, design any of the inventions and improvements for myself and my heirs, legal m such lawful acts and to sign such

Page 1

further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may

reasonably request to effectuate fully this Assignment.

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	Jang Hyuck LEE		
Inventor's Signature	Date		
Residence (City, Country)	Seongnam-si, Republic of Korea		
Mailing Address	c/o Magnachip Semiconductor Ltd., 15F, 76 Jikji-daero 436beon-gil (Jikji Smart Tower), Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 28581, Republic of Korea		

inventor's Legal Name	Joo Han YOON		
Inventor's Signature	Date 2622, t, 19		
Residence (City, Country)	Seongnam-si, Republic of Korea		
Mailing Address	c/o Magnachip Semiconductor Ltd., 15F, 76 Jikji-daero 436beon-gil (Jikji Smart Tower), Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 28581, Republic of Korea		

### DECLARATION

	6, 6, 6, 6,	Ye are a resolution
As a below-named inventor, I he	reby declare that this	declaration is directed to the application attached heret
or to United States Application N	umber or PCT Interna	itional Application Number
	îled on	(if applicable), entitled:
SWITCH CONTRO	L CIRCUIT AND SI	WITCH CONTROL METHOD THEREOF
The above-identified application	was made or authoriz	ed to be made by me.
I believe I am the original invents application.	or or an original joint ir	nventor of a claimed invention in the above-identified
I hereby acknowledge that any w 1001 by fine or imprisonment of i		made in this declaration is punishable under 18 USC years, or both
I have reviewed and understand	the contents of the ab	pave-identified application, including the claims.
me to be material to patentability	as defined in 37 CFR available between th	Patent and Trademark Office all information known to table 1.56, including for continuation-in-part applications, e filing date of the prior application and the national or application.
	ASSIG	NMENT
For valuable consideration, I, as	a below-named assig	nor, hereby assign to:
Magnachip Semiconductor, Ltd. 15F, 76 Jikji-daero 436beon-gii (. Heungdeok-gu, Cheongju-si, Chi Republic of Korea		581,
and its successors and assigns (	collectively hereinafte	r called "the Assignee"), the entire right, title, and
interest throughout the world in the	ne inventions and imp	rovements that are the subject of the application
identified in the above declaration	n, which is United Sta	tes Application Number or PGT International Application
Number	filed on	······································
Assignment by inserting above the	re application number	above-identified application to hereafter complete this and the filing date of the above-identified application hat may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified 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 I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application, and I agree for myself and my 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 witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

inventor's Legal Name	Jang Hyuck LEE		
inventor's Signature	<b>36</b>	Date	2022-6.9
Residence (City, Country)	Seongnam-si, Republic of Korea		
c/o Magnachip Semiconductor Ltd 15F, 76 Jikji-daero 436beon-gil (Jikji Smart Tower), Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 28581, Republic of Korea			

Inventor's Legal Name	Joo Han YOON		
Inventor's Signature		Date	
Residence (City, Country)	Seongnam-si, Republic of Korea		
Mailing Address	c/o Magnachip Semiconductor Ltd., 15F, 76 Jikij-daero 436beon-gil (Jikiji Smarl Tower), Heungdeck-gu, Cheongju-si, Chungcheongbuk-do, 28581, Republic of Korea		