# 507124645 02/11/2022

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7171485

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	ATA			
		Name	Execution Date	
DONG JIN SHIN			05/11/2021	
KI YOUNG YANG			05/18/2021	
MIN SOO HAN			05/21/2021	
HYUN JEA KIM			05/18/2021	
HYE SOO MA			05/18/2021	
RECEIVING PARTY DA	ТА			
Name:	OPTO ELECTRONICS SOLUTIONS			
Street Address:	53, CHEOMDANYEONSIN-RO 30BEON-GIL,			
City:	BUK-G	BUK-GU, GWANGJU		
State/Country:	KOREA, REPUBLIC OF			
Postal Code:	61080			
PROPERTY NUMBERS				
PROPERTY NUMBERS Property Type Application Number:	Total: 1	1		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	Total: 1 ATA e sent to	Number 17295539 o the e-mail address first; if that is unsucc d; if that is unsuccessful, it will be sent via (703) 859-9634 martin@ipatent.co.il MARTIN MOYNIHAN D/B/A PRTSI, INC. CUSTOMER NUMBER 67801		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	Total: 1 ATA e sent to	Number 17295539 o the e-mail address first; if that is unsuce d; if that is unsuccessful, it will be sent via (703) 859-9634 martin@ipatent.co.il MARTIN MOYNIHAN D/B/A PRTSI, INC. CUSTOMER NUMBER 67801 232 NW 42ND TER		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Total: 1 ATA e sent to provideo	Number 17295539 o the e-mail address first; if that is unsuce d; if that is unsuccessful, it will be sent via (703) 859-9634 martin@ipatent.co.il MARTIN MOYNIHAN D/B/A PRTSI, INC. CUSTOMER NUMBER 67801 232 NW 42ND TER PLANTATION, FLORIDA 33317		
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> PATENT REEL: 058988 FRAME: 0110

#### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned (hereinafter called the "Assignors"):

Dong Jin SHIN	#104-402, 42-5, Cheomdanjungang-ro 181beon-gil, 62255 Gwangsan-gu
	Gwangju, Republic of Korea
Ki Young YANG	#204-1203, 245, Cheomdanyconsin-ro, 61087 Buk-gu Gwangju, Republic of
	Korea
Min Soo HAN	#102-1905, 112, Samjeong-ro, 61154 Buk-gu Gwangju, Republic of Korea
Hyun Jea KIM	#301, 78, Seoljuk-ro 471beon-gil, 61057 Buk-gu Gwangju, Republic of Korca
Hye Soo MA	35, Myeonang-ro 79beon-gil ,61172 Buk-gu Gwangju, Republic of Korea

hereby sell(s), assign(s) and transfer(s) to:

**Opto Electronics Solutions** 53, Cheomdanyeonsin-ro 30beon-gil, 61080 Buk-gu, Gwangju **Republic of Korea** 

(hereinafter called the "Assignee"), its successors, assigns, nominees or other legal representatives, the undersigned's entire rights, title and interest in and to the invention titled:

### MULTI-CHANNEL, BI-DIRECTIONAL OPTICAL COMMUNICATION MODULE

described and claimed in the following Patent Application:

#### Entry into National Phase in the USA of PCT Patent Application No. PCT/KR2018/015035. international filing date November 30, 2018, and identified as Attorney Docket No. 87990

and in and to said Patent Application, and all original and reissued Patents granted therefore, and all divisions and continuations thereof, any corresponding PCT Patent Application and the National Phases thereof, including the right to apply and obtain Patents in all other countries, the right to claim priority under International Conventions, and the Letters Patent which may be granted thereon:

covenant that the undersigned have (has) the full right to convey the entire interest therein assigned;

authorize(s) and request(s) the Registrar of Patents, and any Official of any country whose duty it is to issue Patents on applications as aforesaid, to issue the said Letters Patent to the said Assignee;

and agree(s) to sign all lawful papers, make all rightful oaths, do all lawful acts requisite for such Patent Applications, and do everything possible to aid said Assignee to apply for, obtain and enforce Patent protection for said invention.

ASSIGNOR(S)

Dong Jin SHIN

Ki Young YANG

Min Soo HAN

Date: 1946 May 2021 Date: 1844 May 2021

Date:

PATENT REEL: 058988 FRAME: 0111

#### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned (hereinafter called the "Assignors"):

Dong Jin SHIN	#104-402, 42-5, Cheomdanjungang-ro 181beon-gil, 62255 Gwangsan-gu
	Gwangju, Republic of Korea #204-1203, 245, Cheomdanyeonsin-ro, 61087 Buk-gu Gwangju, Republic of
AI LOUNG LANG	
Min Soo HAN Hyun Jea KIM Hye Soo MA	Korea #102-1905, 112, Samjeong-ro, 61154 Buk-gu Gwangju, Republic of Korea #301, 78, Seoljuk-ro 471beon-gil, 61057 Buk-gu Gwangju, Republic of Korea 35, Myeonang-ro 79beon-gil ,61172 Buk-gu Gwangju, Republic of Korea

hereby sell(s), assign(s) and transfer(s) to:

**Opto Electronics Solutions** 53, Cheomdanyeonsin-ro 30beon-gil, 61080 Buk-gu, Gwangju **Republic of Korea** 

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and agree(s) to sign all lawful papers, make all rightful oaths, do all lawful acts requisite for such Patent Applications, and do everything possible to aid said Assignee to apply for, obtain and enforce Patent protection for said invention.

ASSIGNOR(S)

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1 1 10 103 000	luc

Dong Jin SHIN

Ki Young YANG

Min Soo HAN

Date: 24th 14ay 2021

Date:

Date:

PATENT **REEL: 058988 FRAME: 0112**  Page 2 of 2

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Hyun Jea KIM

Hye Soo MA

Date: 201.05-18

Date: 21.05.18

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