PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4451982

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KANG-YONG JUNG	05/30/2017
JEONG-HWAN CHO	05/30/2017
SOO YUK	05/30/2017
YOUNG JAE NAM	05/30/2017

RECEIVING PARTY DATA

Name:	LIGHTRON FIBER-OPTIC DEVICES INC.
Street Address:	68, MUNPYEONGDONG-RO
Internal Address:	DAEDEOK-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34301

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15534461

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: (971) 271-8020

Email: PatentDocketing@mccrus.com

Correspondent Name: MCCOY RUSSELL LLP **Address Line 1:** 806 SW BROADWAY

Address Line 2: SUITE 600

Address Line 4: PORTLAND, OREGON 97205-3335

ATTORNEY DOCKET NUMBER:	PLS17312PCTUS
NAME OF SUBMITTER:	JOHN D. RUSSELL
SIGNATURE:	/John D. Russell/
DATE SIGNED:	06/08/2017

Total Attachments: 1

PATENT REEL: 042743 FRAME: 0530 $source = Assignment_PLS17312PCTUS\#page1.tif$

PATENT REEL: 042743 FRAME: 0531

ASSIGNMENT

WHEREAS, I've, the following named inventor(s):

- 1. YUK, Soo, residing in Dacjeon, Republic of Korea;
- 2. NAM, Young Jac, residing in Dacjeon, Republic of Korea;
- CHO, Jeong-Hwan, residing in Sejong, Republic of Korea; and
- JUNG, Kang-Yong, residing in Dacjeon, Republic of Koroa;

have invented an invention entitled OPTICAL TRANSCEIVER USING FEC. OPTICAL TRANSCEIVING SYSTEM COMPRISING SAME, AND REMOTE OPTICAL WAVELENGTH CONTROL METHOD, for which I/we have executed an application for Letters Patent of the United States (check one):

	- 6.2			1000																																																	
X.		١.	· · ·				20.3		٧.		000		000	500		100				900																																	
					25.	30.3			3.7	11	.,,				23	-35	•••			13	100			300	110	•••		1.																									
15.						· >>	×2.	***				- 8		٠.	100	(X-2-		٠.	-3.4				33	333		23																											
							600																	**																													
8	- 10	3	2.0	2.3				· 8 .			1			10		118			X																																		
× .	:	٠,		100						•				3.0	0.00	3.5	10	•			`																					200	2										
													Ν.		•	200					1		300	555																			\$										
2	15.5							333														,,,,,	***	•••	"	•••	· · ·				 ***	***	***	***				***			333	٠				 							
8	- 8			2 3	1.58	11	430	100	23	10																25	111		25		 00				000					000				333	 	 				.,,,,,,	*****	00000	
2	× 8								33	33	·				3.27			13			: \	• •			9.0					33	83						233				100		•		100	200	6000		9000				
														3			· · ·	٠,	.,,		•	200	```	***	111				22								200				133	· · ·				 	1.53	2.70			1. /		
																										000		444	000					222	***	****	••••		erer.						 1111					20.20		00000	

	300	•	100	X		. O.		: A	١								: 0			000							000																										

I/we authorize the attorneys/agents authorized to act under Customer Number 145572 to insert the filing date and application number of said application when known.

WHEREAS, LIGHTRON FIBER-OPTIC DEVICES INC. ("Assignee"), a Republic of Korea organization, having its principal place of business at 68, Murpyeongdong-ro Dacdeok-gu Daejcon 34301 Republic of Korea is destrous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/wc, the above named inventor(s), have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignee, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof, and all priority rights under all present or future conventions and receives, and any provisional applications for which priority is claimed.

I/We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignees, as the assignees of my/our entire right, title and interest in and to the same, for the sole use of the Assignees, their successors and assigns.

Further, I/we agree that I/we will communicate to Assignees, or their representatives, any facts known to mc/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Paters to be issued to Assignees, make all rightful oaths and generally do everything possible to aid Assignees, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) on the dates indicated below.

Linventor Name;		Signature:_	Date 1/1 / 30
2. Inventor Name:	NAM, Young Jas		Date: 77, & 30
	CHO, Jeong-Hwan		
4. Inventor Name:	IUNG. Kang-Yong	Signature:	Date: 77 k
Page Lof 2 - ASSIC	NMENT	****	·····

PATENT REEL: 042743 FRAME: 0532

RECORDED: 06/08/2017