#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3961515

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JEONG EUN KIM	06/13/2016
HYUN SEO KANG	06/13/2016
KEO SIK KIM	06/13/2016
JI HYOUNG RYU	06/13/2016
HYOUNG JUN PARK	06/13/2016
KWON SEOB LIM	06/13/2016
YOUNG SOON HEO	06/13/2016

#### **RECEIVING PARTY DATA**

Name: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUT	
Street Address:	218 GAJEONG-RO, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-700

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

Property Type	Number
Application Number:	15209902

#### **CORRESPONDENCE DATA**

**Fax Number:** (202)659-8822

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: 2022630809
Email: info@kilepark.com

Correspondent Name: KILE PARK REED & HOUTTEMAN PLLC

Address Line 1: 1101 30TH STREET, NW

Address Line 2: SUITE 500

Address Line 4: WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	SNK-0011-ET
NAME OF SUBMITTER:	JAE Y. PARK
SIGNATURE:	/Jae Y. Park/
DATE SIGNED:	07/14/2016

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 14	
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Title of Invention	MULTI-CHANNEL OPTICAL MODULE AND MANUFACTURE METHOD THEREOF			
As the below named inventor, I hereby declare that:				
This declaration is	directed to:			
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I believe that I an application.	the original inventor or an original joint inventor of a claimed invention in the			
I have reviewed a claims. I am aw defined in 37 CFI	and understand the contents of the above-identified application, including the are of the duty to disclose information which is material to patentability as R 1.56.			
I hereby acknow under 18 U.S.C. I	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
of 218 Gaj , its heirs, success is desirous of acq	corronics and Telecommunications research institute eong-ro, Yuseong-gu, Dacjeon 305-700, Republic of Korea sors, legal representatives and assigns (hereinafter referred to as "ASSIGNEE") uiring the entire right, title and interest in and to said invention and in and to any hat may be granted therefore in the United States of America and in any foreign			
consideration paid assigned and trans full and exclusive dependencies and Patent(s) which dependencies and and to any and all	ORE, to all whom it may concern, be it known that, for good and valuable to the undersigned, the receipt of which is hereby acknowledged, I have sold, ferred, and by these presents does sell, assign and transfer unto the Assignee the right to the said invention in the United States of America, its territories, possessions and the entire right, title and interest in and to any and all Letters may be granted therefore in the United States of America, its territories, possessions, and in any and all foreign countries; divisions, reissues, continuations, conversions and extensions thereof for the full which the same may be granted.			

KILE PARK PLLC, WASHINGTON DC, USA

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I declare that all statements made in the above assignment of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C.1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LEGAL NAME OF INVENTOR	
Inventor: Jeong Eun KIM	Date: June 13, 2016
Signature: Jeoff	

Note: Use an additional form for each additional inventor.

Title of Invention	MULTI-CHANNEL OPTICAL MODULE AND MANUFACTURE METHOD THEREOF		
As the below name	ed inventor, I hereby declare that:		
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The above-identif	ied application was made or authorized to be made by me.		
I believe that I an application.	n the original inventor or an original joint inventor of a claimed invention in the		
I have reviewed and understand the contents of the above-identified application, including the claims. I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of 218 Gajeong-ro, Yuseong-gu, Daejeon 305-700, Republic of Korea, its heirs, successors, legal representatives and assigns (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America and in any foreign countries.			
NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration paid to the undersigned, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.			

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I	EGAL NAME OF INVENTOR	
I	nventor: Hyun Seo KANG	Date: June 13, 20/6
S	Signature:	·

Note: Use an additional form for each additional inventor.

Title of Invention	MULTI-CHANNEL OPTICAL MODULE AND MANUFACTURE METHOD THEREOF			
As the below name	As the below named inventor, I hereby declare that:			
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NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration paid to the undersigned, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.				

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LEGAL NAME OF INVENTOR			
Inventor: Keo Sik KIM	Date:	June	13,2016
Signature:			

Note: Use an additional form for each additional inventor.

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LEGAL NAME OF INVENTOR	
Inventor: Ji Hyoung RYU	Date: June . /3. 2016.
Signature:	

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LEGAL NAME OF INVENTOR	
Inventor: Hyoung Jun PARK	Date: Jave . 13, 20/6
 Signature:	

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LEGAL NAME OF INVENTOR	
Inventor: Kwon Seob LIM	Date: June 15, 2016
Signature:	

Note: Use an additional form for each additional inventor.

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LEGAL NAME OF INVENTOR	
Inventor: Young Soon HEO	Date: June 13, 2016
Signature:	

Note: Use an additional form for each additional inventor.

KILE PARK PLLC, WASHINGTON DC, USA

PATENT REEL: 039156 FRAME: 0402

**RECORDED: 07/14/2016**