505209461 11/28/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5256229

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SE YOUNG EUN	11/01/2018
YOUNG-HWAN KIM	11/01/2018

RECEIVING PARTY DATA

Name:	VIAVI SOLUTIONS INC.	
Street Address:	6001 America Center Drive	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95002	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16178187

CORRESPONDENCE DATA

Fax Number: (703)865-5150

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.

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Email: ihebron@mannavakang.com **Correspondent Name:** MANNAVA & KANG, PC Address Line 1: 3201 JERMANTOWN ROAD

Address Line 2: **SUITE 525**

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	1095.0155US1	
NAME OF SUBMITTER:	ASHOK K. MANNAVA	
SIGNATURE:	/Ashok K. Mannava/	
DATE SIGNED:	11/28/2018	

Total Attachments: 2

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> **PATENT REEL: 047611 FRAME: 0259** 505209461

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Se Young EUN, Anyang, Gyeonggi Province, South Korea, and Young-Hwan KIM, Gunpo-Si, Gyeonggi Province, South Korea;, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto VIAVI SOLUTIONS INC., a corporation of the State of CALIFORNIA, having its principal office in 6001 America Center Drive, San Jose, CA 95002, US, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in PASSIVE INTERMODULATION (PIM) MEASUREMENTS IN COMMON PUBLIC RADIO INTERFACE (CPRI) SPECTRUM ANALYSIS (Docket No. 1095.0155US1), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto VIAVI SOLUTIONS INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize VIAVI SOLUTIONS INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to VIAVI SOLUTIONS INC., for the sole use and benefit of VIAVI SOLUTIONS INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent

PATENT REEL: 047611 FRAME: 0260 authorities in foreign countries to issue the patents of their respective countries to VIAVI SOLUTIONS INC..

We agree that, when requested, we will, without charge to VIAVI SOLUTIONS INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in VIAVI SOLUTIONS INC., its successors, assigns and legal representatives or nominees.

We covenant with **VIAVI SOLUTIONS INC.**, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Se Young EUN

DATE: Na. (st 2018

Varma Linean Killi

RECORDED: 11/28/2018

2 12 2 DATE: NOV 1st 20/8

PATENT REEL: 047611 FRAME: 0261