

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IAN PETER MCCLEAN	12/19/2014
MANISH SHARMA	01/12/2015
RECEIVING PARTY DATA	
Name:	II-VI INCORPORATED
Street Address:	375 SAXONBURG BLVD
City:	SAXONBURG
State/Country:	PENNSYLVANIA
Postal Code:	16056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15424303
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	30890-36145/US
NAME OF SUBMITTER:	CHARLES CATHEY REG NO. 63,587
SIGNATURE:	/Charles Cathey/
DATE SIGNED:	04/19/2017
Total Attachments: 2	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **II-VI Incorporated**, 375 Saxonburg Blvd., Saxonburg, PA 16056-9499 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

U.S. Application No. **14/409,112**, entitled "**METHOD AND APPARATUS FOR DETERMINING OPTICAL FIBRE CHARACTERISTICS**," which is a National Phase Entry of International Application No. PCT/GB2013/051741, filed on July 1, 2013, which claims priority from United Kingdom Application No. 1211559.8, filed on June 29, 2012.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

Title:	METHOD AND APPARATUS FOR DETERMINING OPTICAL FIBRE CHARACTERISTICS		
Filed:		Attorney Docket #:	30890-28362/US
Application #:	14/409,112		

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

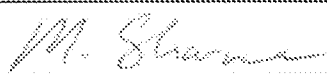


Ian Peter McClean

Date of Signature

19th December 2014

Name and Signature



Manish Sharma

Date of Signature

Jan 12th 2015