

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELIE AWWAD	05/15/2017
GHAYA REKAYA BEN-OTHTMAN	05/15/2017
YVES JAOUEN	04/12/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15322612
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<b>SIGNATURE:</b>	/Silvia Mannes/
<b>DATE SIGNED:</b>	06/19/2017
<b>Total Attachments: 2</b>	
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### ASSIGNMENT

ELIE AWWAD, residing at App 225 – Résidence Irène Joliot Curie, 4 rue Madeleine Brès, 75013 Paris, FRANCE; and GHAYA REKAYA-BEN OTHMAN, residing at 2 allée de l'île verte, 92160 Antony, FRANCE; and YVES JAOUEN, residing at 12 rue Hector Guimard, 75019 Paris, FRANCE (hereafter referred to as the undersigned), are the inventors of:

#### METHOD AND SYSTEM OF OPTICAL FIBRE WITH SWITCHING OF MODES AND/OR CORES

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 15/322,612 filed December 28, 2016.


INSTITUT MINES-TELECOM, a corporation, having a principal place of business at 37 rue Dareau, 75014 Paris, FRANCE (hereafter referred to as the Assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the Assignee and Assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the Assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the

benefit of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

  
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ELIE AWWAD

15/5/2017  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
GHAYA REKAYA-BEN OTHMAN

15/05/2017  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
YVES JAOUEN

06/12/2017  
\_\_\_\_\_  
Date