PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5395242

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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STEFANO CALABRO	02/16/2017
MAXIM KUSCHNEROV	02/14/2017
MAHDI MEZGHANNI	03/02/2017
ANTONIO NAPOLI	02/28/2017
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16286147

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DATE SIGNED: 02/27/2019

505348459 PATENT REEL: 048451 FRAME: 0227

Total Attachments: 8 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif source=ASSIGNMENT#page5.tif source=ASSIGNMENT#page6.tif source=ASSIGNMENT#page7.tif source=ASSIGNMENT#page8.tif

PATENT REEL: 048451 FRAME: 0228

ASSIGNMENT BY INVENTORS

WE, Alessandro BIANCIOTTO; Stefano CALABRO; Maxim KUSCHNEROV; Mahdi MEZGHANNI; Antonio NAPOLI; and Bernhard SPINNLER, of Gottingen, Germany; München, Germany; München, Germany; München, Germany; and Oberhaching, Germany, respectively, for good and valuable consideration paid to us by

Xieon Networks S.a.r.l.

having its principal place of business at Building B, 4th floor, Route de Treves 6, EBBC Business Center, L-2633, Senningerberg, LUXEMBOURG, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Xieon Networks S.a.r.l.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

DUAL PARALLEL MACH-ZEHNDER-MODULATOR DEVICE WITH PRE-DISTORTED DRIVING VOLTAGES

described in an application
Executed by us of even date herewith and about to be filed
or
x Application No. 15/119072, filed on August 15, 2016

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said Corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said Corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Corporation, its successors and assigns.

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XNQ-213US

And we do further hereby grant the attorneys/agents of Nelson Mullins Riley & Scarborough LLP, the power to insert on this Assignment the filing date and/or application number of said application.

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15/2/2017	A. Bian isothe
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Witness:	
Date	

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Witness:

Date / 11/14

14.02.20A	
Date	Maxim Kuschnerov
Witness:	. 4
14. 02. 2017.	alea J
Date	∦

<u>02173, 2.014</u> Date	732	
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28.02.2017 Lukerio Napl.

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Bernhard Spinnler

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Teb, 16 2017 Momes Do