504004444 09/14/2016

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4051101

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANK MUELLER	05/30/2016
ARNE HÄRTER	05/30/2016

RECEIVING PARTY DATA

Name:	QIOPTIQ PHOTONICS GMBH & CO. KG	
Street Address:	KOENIGSALLEE 12	
City:	GOETTINGEN	
State/Country:	GERMANY	
Postal Code:	37081	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15158985

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	42562-6224
NAME OF SUBMITTER:	KAREN A. MORIN
SIGNATURE:	/Karen A. Morin/
DATE SIGNED:	09/14/2016

Total Attachments: 2

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PATENT 504004444 REEL: 040027 FRAME: 0067

Docket No.: 42562-6224

ASSIGNMENT

Whereas we, Frank Mueller of D-81379 Muenchen, Germany and Arne Härter of 81677 München, Germany, have invented certain new and useful improvements in a:

Tunable, Narrow Linewidth Single Transversal Mode Light Source Using a Quasi-Incoherent Broadband Pump Source

(hereinafter referred to as "Invention") described in a U.S. Patent Application, the specification of which was filed May 19, 2016as U.S. Application No. 15/158,985;

And, whereas we desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefore to QIOPTIQ PHOTONICS GMBH & CO. KG, a German company, having its place of business at Koenigsallee 23, Goettingen 37081 Germany (hereinafter referred to as "Assignee"), and whereas Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of one dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged:

We hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to us in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto:

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may be granted for our aforesaid Invention, as the Assignce thereof shall hereafter require and prepare at its own expense. Executed this 50 th day of May in the year 2016 at Feldle rotten Witness: W. Prank Mueller

Printed Name and Address: Balle Stefan Hans - Riedl-Str. 9, D-85622 Foldbirden (Germany) Executed this 3084 day of 1707, in the year 2016 at Feldling Len Witness: j. A. Fegel en Markus Printed Name and Address: Farelein Machus, Hans-Riedl-Stro 85622 Feldkirchen, Germann

And we further agree to sign and properly execute such necessary and lawful papers for

application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent that