PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4317376

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR GREGOIRE BEAUDOIN'S NAME. HIS LAST NAME SHOULD READ "BEAUDOIN", NOT "BEAUDOUIN". previously recorded on Reel 040387 Frame 0557. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
ARNAUD GARNACHE-CREUILLOT	07/01/2015
MIKHAËL MYARA	07/01/2015
ISABELLE SAGNES	07/17/2015
GRÉGOIRE BEAUDOIN	07/01/2015
LAURENCE FERRIERES	07/01/2015
VINCENT LECOCQ	07/01/2015
STÉPHANE DENET	07/01/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15312586

504270694

PATENT REEL: 041995 FRAME: 0120

CORRESPONDENCE DATA		
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	o the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail.	
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NAME OF SUBMITTER:	LAWRENCE J. CRAIN	
SIGNATURE:	/Lawrence J. Crain/	
DATE SIGNED:	03/14/2017	
Total Attachments: 11		
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504104657 11/21/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4151326

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY	DATA		
		Name	Execution Date
ARNAUD GARNACHE	-CREUILL	OT	07/01/2015
MIKHAËL MYARA			07/01/2015
ISABELLE SAGNES			07/17/2015
GRÉGOIRE BEAUDOU	JIN		07/01/2015
LAURENCE FERRIER	ES		07/01/2015
VINCENT LECOCQ			07/01/2015
STÉPHANE DENET			07/01/2015
RECEIVING PARTY D	ATA		
Name:		RSITE DE MONTPELLIER	
Street Address:	163 RL	IE AUGUSTE BROUSSONNE	Т
City:	MONTI	PELLIER	
State/Country:	FRANCE		
Postal Code:	F-34090		
Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE		
Street Address:	3 RUE MICHEL-ANGE		
City:	PARIS		
State/Country:	FRANCE		
Postal Code:	F-75016		
Name:	INNOPTICS		
Street Address:	INS⊺IT	UT D'OPTIQUE D'AQUITAINE	-
Internal Address:	RUE FI	RANÇOIS MITTERAND	
City:	TALEN	CE	
State/Country:	FRANC	E	
Postal Code:	F-3340	0	

REEL: 041995 FRAME: 0122

USA

Declaration and Assignment for Utility or Design Patent Application

The title of this invention is:

Vertical external cavity surface emitting laser devices allowing high coherence, high power and large tunability

I. Declaration

As a below named inventor, I/we hereby declare that this declaration is directed to:

the attached application,

OR

☑ United States application or PCT international application

Number PCT/EP2015/061341 filed on May 21, 2015

and was amended on (MM/DD/YYYY)

(if applicable).

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

II. Assignment

Check this box to assign this invention.

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the below named inventor or inventors (hereinafter called "ASSIGNOR") hereby assigns, transfers, and sets over to:

UNIVERSITE DE MONTPELLIER

163 rue Auguste Broussonnet F-34090 MONTPELLIER, France

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

3 rue Michel-Ange F-75016 PARIS, France

And

.

PATENT REEL: 041995 FRAME: 0123

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INNOPTICS

Institut d'Optique d'Aquitaine Rue François Mitterrand F-33400 TALENCE, France

(hereinafter called "ASSIGNEE"), the full and exclusive right, title, and interest in and to the above-named invention and all rights privileges under any Letters Patent that may be granted thereon, including all rights, if any, to sue for past infringement.

ASSIGNOR also assigns all rights, titles, and interests in and to said invention in all foreign countries, and all applications for Patent which may evolve therefrom, including the right to claim International Convention priority.

The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with the above-identified application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to the above-identified application or any additional, continuing, or divisional application or any additional, continuing, or divisional application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon the aboveidentified application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

ASSIGNOR hereby covenants and warrants that he or she has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

III. Inventor Signatures

Given Name	e / Family Name:	Amaud GARNA	CHE-CREUI	LLOT		
Signature:	<u> </u>	λ		Date:	1/07/20	15

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PATENT REEL: 041995 FRAME: 0124

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Given Name	e / Family Name:	Mikhael MYARA		
Signature:	MPZ		Date: 01/07/	Lo15

Given Name / Family Name:	Isabelle SAGNES	····· ··· ··· ··· ··· ··· ··· ··· ···
Signature:		Date:

and a second second	Given Name / Family Name:	Grégoire BEAUDOIN	
Comparison of the local distance	Signature:		Date:

Given Name	e / Family Name:	Laurence FERRIERES		ben har and a second
Signature:			Date:	

Given Name / Family Name:	Vincent LECOCQ	
Signature:		Date:

	Given Name	/ Family Name:	Stéphane DENET	
Second Second	Signature:			Date:

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. continue	Given Name / Family Name:	Mikhael MYARA	
	Signature:		Date:
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Given Name / Family Name:	Isabelle SAGNES	
Signature:	WS	Date: 1171815
- C	•	
Given Name / Family Name:	Grégoire BEAUDOIN	
Signature:		Date:

Signature: Date:		:/Family Name:	Laurence FERRIERES	
. Young and the second s	 Signature:			Date:

ana	Given Name / Family Name:	Vincent LECOCQ	
	Signature:		Date:

	e / Family Name:	Stéphane DENET		. journand
Signature:			Date:	

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Given Name	/ Family Name:	Mikhael MYARA		
Signature:			Date:	

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Given Name / Family	nume.	Isabelle SAGNES		himme
Signature:			Date:	

Given Name / Family Name:	Grégoire BEAUDOIN
Signature:	Date: 01/07/2015

Given Name / Family Name: Laurence FERRIERES		
Signature:		Date:
-		

Given Name / Family Name:	Vincent LECOCQ
Signature:	Date:

Given Name / Family Name	Stéphane DENET	
		Date:

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		USA
Given Name / Family Name:	Mikhael MYARA	
Signature:		Date:

Signature: Date:	

Given Name / Family Name:		Grégoire BEAUDOIN	-,
Signature:			Date:

Given Nam	e / Family Name:	Laurence FERRIERES	
Signature:	TON	<u></u>	01/09/15

Given Name	e / Family Name:	Vincent LECOCQ	
Signature:	- Ac		Date: 1 "juillet 20/5.
ç			
Given Name	e / Family Name:	Stéphane DENET	
Signature:		Jam-	Date: 01107115

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