Atty. Dkt. No. 097694-0113

FORM PTO-1	595 (modified)			U.S. DEPARTMENT OF COMMERCE					
(Rev 6-93)		CORRE		Patent and Trademark Office					
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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.									
1. Name of	f conveying party(ies):	The state of the s	2. Name and address of rece	iving party(ies):					
Kristi	adimir KALOSHA jan POSILOVIC Dr. Dieter BIMBERG		Technische Universität Berlin Stra <u>ss</u> e des 17. Juni 135 D-10623 Berlin Germany						
3. Nature o	conveying party(ies) NO of conveyance: RECTIVE COVERSHEET TO CO GIGNEE'S ADDRESS RECORD REEL/FRAME 025887/0665		Cermany						
	02/07/2011		Additional name(s) & address	(es) attached? NO					
4. Applicati	on number(s) or patent number(s):								
If this is	being filed together with a new appli	cation, the exec	ution date of the application is:						
A. Patent Application Number(s):			B. Patent Number(s):						
	13/018,020			,					
		ا Additional number	s attached? NO						
5. Name ai concernir	and address of party to whom correspondence ing document should be mailed:		6. Total number of applications/patents involved: 1						
FO 300	ward N. Shipley LEY & LARDNER LLP 00 K Street, N.W.		 7. Total fee (37 C.F.R. § 3.41 Check Enclosed Authorized to be charged Authorized to be charged 	d to credit card					
	ite 600 ishington, D.C. 20007-5143	8. Payment Information	Payment Information						
			a. Credit Card Last 4 Nur Expiration b. Deposit account number Authorized User Name	Date 11/30/2011					
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To copy of the be required	nt and signature: the best of my knowledge and beliet original document. The Commission in this matter to the above-identified loward N. Shipley	ner is hereby au	thorized to charge any additior	and any attached copy is a true nal recordation fees which may , 04/14/2011					
١	lame of person signing		Signature	Date					
	Total	number of page	s including cover sheet, attach	ments, and document: 8					

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Total Attachments: 3

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TO: HOWARD N. SHIPLEY COMPANY: 3000 K ST. N.W.

			PATENT ASSIGNMENT					
Electronic Version v Stylesheet Version v			03/02/2011 501454225					
SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY	DATA							
		١	Name	Execution Date				
Dr. Vladimir Kalosha				02/07/2011				
Kristijan Posilovic				02/01/2011				
Dr. Dieter Bimberg				02/01/2011				
RECEIVING PARTY DATA Name: Technische Universitat Berlin								
Street Address:	Strabe des 1							
City:								
State/Country:								
Postal Code:	D-10623							
PROPERTY NUMBER	S Total: 1			·				
Property Type		Number						
		13018	020					
CORRESPONDENCE	DATA							
Fax Number: (202)672-5399 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 2026725300								
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Address Line 4: Washington, DISTRICT OF COLUMBIA 20007								
ATTORNEY DOCKET NUMBER:		097694-0113						
NAME OF SUBMITTER:			Howard N. Shipley					

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Technische Universität Berlin Straße des 17. Juni 135 D-10623 Berlin Germany

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

DEVICE COMPRISING A LASER

Check executed concurrently herewith executed on Serial No. 13/018,020 Filed 1/31/2011

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver,

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upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME AND SIGNATURE	OF	INV	ENTOR
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NAME: DR. VLADIMIR KALOSHA

SIGNATURE: Must DATE: 2/1/2001

NAME AND SIGNATURE OF WITNESSES

NAME: GERRIT FIOL

SIGNATURE: DATE: 2/1/2011

NAME: MIKKO STUBENRAUCH SIGNATURE: M. Jak

DATE: 2///2011

NAME AND SIGNATURE OF INVENTOR

NAME: KRISTIJAN POSILOVIC

SIGNATURE:

DATE: 2/1/2011

NAME AND SIGNATURE OF WITNESSES

NAME: GERRIT FIOL

SIGNATURE: Semi Fact DATE: 2/1/2011

NAME: MIRKO STUBENRAUCH

SIGNATURE: M. Relen

DATE: 2/1/2011

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NAME AND SIGNATURE OF INVENTOR

NAME: PROF. DR. DIETER BIMBERG

SIGNATURE

lunting DATE: 2/1/2011

NAME AND SIGNATURE OF WITNESSES

NAME: GERRIT FIOL

SIGNATURE: Soul For

DATE: 2/1/2014

NAME: MIRKO STUBFURAMEN

SIGNATURE: M,

M. Szem

DATE: 21/170//

Note: Prima facie evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

Address of witnesses:

Gerrit Fiol Quittenweg 2 12524 Berlin

Germany

RECORDED: 04/14/2011

Mirko Stubenrauch Kolonnenstr. 33 10829 Berlin Germany

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