

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ulrich KRETZER</td> <td>09/03/2006</td> </tr> <tr> <td>Stefan EICHLER</td> <td>09/03/2006</td> </tr> <tr> <td>Thomas BUNGER</td> <td>09/03/2006</td> </tr> </tbody> </table>		Name	Execution Date	Ulrich KRETZER	09/03/2006	Stefan EICHLER	09/03/2006	Thomas BUNGER	09/03/2006
Name	Execution Date								
Ulrich KRETZER	09/03/2006								
Stefan EICHLER	09/03/2006								
Thomas BUNGER	09/03/2006								
RECEIVING PARTY DATA									
Name:	FREIBERGER COMPOUND MATERIALS GMBH								
Street Address:	Am Junger Lowe Schacht 5								
City:	Freiberg								
State/Country:	GERMANY								
Postal Code:	09599								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11478450</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11478450				
Property Type	Number								
Application Number:	11478450								
CORRESPONDENCE DATA									
Fax Number:	(202)672-5399								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	2026725300								
Email:	cverret@foley.com								
Correspondent Name:	Foley & Lardner LLP								
Address Line 1:	3000 K Street, NW								
Address Line 2:	Suite 500								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20007-5143								
ATTORNEY DOCKET NUMBER:	062248-0106								
NAME OF SUBMITTER:	Richard L. Schwaab								

Total Attachments: 2
 source=062248-0106 Assignment#page1.tif

OP \$40.00 11478450

HF 28-P20109US01

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee FREIBERGER COMPOUND MATERIALS GmbH
Am Junger Löwe Schacht 5
09599 Freiberg, Germany

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

PROCESS FOR THE MANUFACTURE OF DOPED SEMICONDUCTOR SINGLE CRYSTALS, AND III-V SEMICONDUCTOR SINGLE CRYSTAL

as set forth in this United States Patent Application

check one executed concurrently herewith
 executed on _____
 Serial No. 11/478,450 Filed June 30, 2006

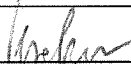
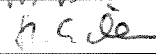

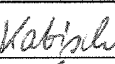
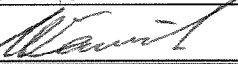
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives 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 the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER LLP** the power 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.

<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: Ulrich KRETZER	Signature: 	Date: 3.9.06
Name: Stefan EICHLER	Signature: 	Date: 3.9.06
Name: Thomas BÜNGER	Signature: 	Date: 3.9.06
Name:	Signature:	Date:
Name:	Signature:	Date:
<i>NAMES AND SIGNATURES OF WITNESSES</i>		
Name: Brigitte, KABISCH	Signature: 	Date: 3.9.06
Name: Berndt, WEINERT	Signature: 	Date: 3.9.06

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document 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.