

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Johan STIENS</td><td>02/23/2009</td></tr><tr><td>Werner VANDERMEIREN</td><td>02/23/2009</td></tr></tbody></table>		Name	Execution Date	Johan STIENS	02/23/2009	Werner VANDERMEIREN	02/23/2009				
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Johan STIENS	02/23/2009										
Werner VANDERMEIREN	02/23/2009										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>VRIJE UNIVERSITEIT BRUSSEL</td></tr><tr><td>Street Address:</td><td>Pleinlaan 2</td></tr><tr><td>City:</td><td>Brussel</td></tr><tr><td>State/Country:</td><td>BELGIUM</td></tr><tr><td>Postal Code:</td><td>B-1050</td></tr></table>		Name:	VRIJE UNIVERSITEIT BRUSSEL	Street Address:	Pleinlaan 2	City:	Brussel	State/Country:	BELGIUM	Postal Code:	B-1050
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PROPERTY NUMBERS Total: 1											
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Application Number:	12298873										
CORRESPONDENCE DATA											
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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

CH \$40.00 12298873

PATENT

500816746

REEL: 022447 FRAME: 0758

**ASSIGNMENT**

WHEREAS, I (we), **Johan STIENS and Werner VANDERMEIREN**  
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in

**LASER OUTPUT SWITCHING BY TRANSVERSE MODE MODULATION**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

☐ executed on even date herewith

☐ executed on:

☐ filed on:

Serial No.:

☒ established by PCT International Patent Application No. : PCT/EP2007/003812      filed: April 30, 2007  
designating the United States of America

**WHEREAS, VRIJE UNIVERSITEIT BRUSSEL**

whose post office address is **Pleinlaan 2, B-1050 Brussel, Belgium**

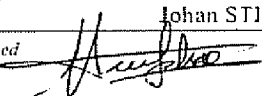

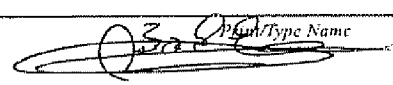
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of **Bacon & Thomas, PLLC** to insert or complete any information in this document needed to effect its recordal in the U S Patent and Trademark Office.

Assignor Name <b>Johan STIENS</b>	Address <b>Prinses Elisabethlaan 50 B-1030 Brussels, Belgium</b>
Where Signed  <b>Brussels</b>	
Date <b>23<sup>rd</sup> February 2009</b>	Signature 
Witness (optional) <b>DIRK BAKKER</b>	Witness (optional)
 Print/Type Name	Print/Type Name
Signature	Signature

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## ASSIGNMENT

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Assignor Name Werner VANDERMEIREN	Address Damstraat 63 B-1800 Houtem/Vilvoorde, Belgium
Where Signed X Brussels	
Date X 23 february 2009	Signature X <i>Vandermeire W.</i>
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Print/Type Name	Print/Type Name
Signature	Signature

Assignor Name	Address
Where Signed	
Date	Signature
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

Assignor Name	Address
Where Signed	
Date	Signature
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
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