

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2634668

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>PAUL HEREMANS</td> <td>06/30/1999</td> </tr> <tr> <td>MAARTEN KUIJK</td> <td>06/30/1999</td> </tr> <tr> <td>REINER WINDISCH</td> <td>07/01/1999</td> </tr> <tr> <td>GUSTAAF BORGHS</td> <td>07/01/1999</td> </tr> </tbody> </table>		Name	Execution Date	PAUL HEREMANS	06/30/1999	MAARTEN KUIJK	06/30/1999	REINER WINDISCH	07/01/1999	GUSTAAF BORGHS	07/01/1999
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<table border="1"> <tr> <td>Name:</td> <td>IMEC VZW</td> </tr> <tr> <td>Street Address:</td> <td>KAPELDREEF 75</td> </tr> <tr> <td>City:</td> <td>LEUVEN</td> </tr> <tr> <td>State/Country:</td> <td>BELGIUM</td> </tr> <tr> <td>Postal Code:</td> <td>B-3001</td> </tr> </table>		Name:	IMEC VZW	Street Address:	KAPELDREEF 75	City:	LEUVEN	State/Country:	BELGIUM	Postal Code:	B-3001
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PROPERTY NUMBERS Total: 2											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6812161</td> </tr> <tr> <td>Patent Number:</td> <td>7253445</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6812161	Patent Number:	7253445				
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Patent Number:	6812161										
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CORRESPONDENCE DATA											
Fax Number:	(949)760-9502										
Phone:	949-760-0404										
Email:	efiling@knobbe.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											

OP \$80.00 6812161

Correspondent Name:	KNOBBE MARTENS OLSON & BEAR LLP
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ATTORNEY DOCKET NUMBER:	IMEC151.001DV1 AND 1DV1C1
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NAME OF SUBMITTER:	JOHN M. CARSON
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Signature:	/John M. Carson/
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Date:	12/03/2013
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Total Attachments: 3

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ASSIGNMENT

Case No.: IMEC15/.001AUS

Serial No.: Unknown

Inventor: **Heremans et al.**

Date of Execution

of Application: _____

Filing Date: Herewith

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

IMEC vzw, Kapeldreef 75, B-3001 Leuven
a research center in the country of Belgium
and
Vrije Universiteit Brussel, Pleinlaan 1, B-1050 Brussel
a university in the country of Belgium

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Devices for emitting radiation with a high efficiency and a method for fabricating such devices

and identified as:

Case No. IMEC15/.001AUS

in the offices of KNOBBE, MARTENS, OLSON & BEAR and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorises and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

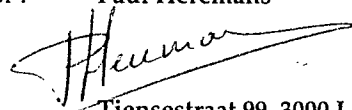
The undersigned hereby authorises and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorises said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Full name of first inventor : **Paul Heremans**

Inventor's signature :



Date : *June 30, 1939*

Residence :

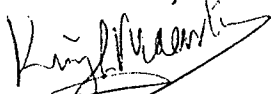
Tiensestraat 99, 3000 Leuven, Belgium

Citizenship :

Belgian citizen

Full name of second inventor : **Maarten Kuijk**

Inventor's signature :



Date : *June 30, 1939*

Residence :

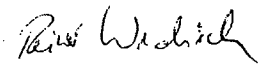
Vredestraat 154, 2600 Antwerpen, Belgium

Citizenship :

Belgian citizen

Full name of second inventor : **Reiner Windisch**

Inventor's signature :



Date : *July 1, 1939*

Residence :

Naamsesteenweg 288, 3001 Leuven, Belgium

Citizenship :

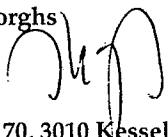
German citizen

Full name of second inventor : Gustaaf Borghs

Inventor's signature :

Residence :

Citizenship :

 Date : July 1, 1999
Bergstraat 70, 3010 Kessel-Lo, Belgium

Belgian citizen