

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT																		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the names of the last two assignees. previously recorded on Reel 027219 Frame 0656. Assignor(s) hereby confirms the names should read "IMEC" and "Universiteit Gent"..																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Laurent Grenouillet</td> <td>01/23/2013</td> </tr> <tr> <td>Jean-Marc Fedeli</td> <td>01/18/2013</td> </tr> <tr> <td>Liu Liu</td> <td>01/14/2013</td> </tr> <tr> <td>Regis Orobtcouk</td> <td>07/17/2013</td> </tr> <tr> <td>Philippe Regreny</td> <td>01/21/2013</td> </tr> <tr> <td>Gunther Roelkens</td> <td>01/11/2013</td> </tr> <tr> <td>Pedro Rojo-Romeo</td> <td>01/16/2013</td> </tr> <tr> <td>Dries Van Thourhout</td> <td>01/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Laurent Grenouillet	01/23/2013	Jean-Marc Fedeli	01/18/2013	Liu Liu	01/14/2013	Regis Orobtcouk	07/17/2013	Philippe Regreny	01/21/2013	Gunther Roelkens	01/11/2013	Pedro Rojo-Romeo	01/16/2013	Dries Van Thourhout	01/10/2013
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Pedro Rojo-Romeo	01/16/2013																		
Dries Van Thourhout	01/10/2013																		
RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES</td> </tr> <tr> <td>Street Address:</td> <td>25, rue Leblanc Batiment, Le Ponant D</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75015</td> </tr> </table>		Name:	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	Street Address:	25, rue Leblanc Batiment, Le Ponant D	City:	Paris	State/Country:	FRANCE	Postal Code:	75015								
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State/Country:	FRANCE																		
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Street Address:	3, rue Michel Ange																		
City:	Paris																		
State/Country:	FRANCE																		
Postal Code:	75016																		
<table border="1"> <tr> <td>Name:</td> <td>IMEC</td> </tr> <tr> <td>Street Address:</td> <td>75 Kapeldreef</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	Street Address:	75 Kapeldreef	City:	Leuven	State/Country:	BELGIUM	Postal Code:	B-3001								
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Street Address:	75 Kapeldreef																		
City:	Leuven																		
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Postal Code:	B-3001																		

CH \$40.00 13147015

Name:	UNIVERSITEIT GENT
Street Address:	St. Pietersnieuwstraat 25
City:	Gent
State/Country:	BELGIUM
Postal Code:	B-9000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13147015

CORRESPONDENCE DATA

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Email: mmolli@clarkbrody.com
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Address Line 1: 1700 Diagonal Rd.
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Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	11016-0135
NAME OF SUBMITTER:	Christopher W. Brody
Signature:	/Christopher W. Brody/
Date:	08/28/2013

Total Attachments: 11
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Laurent GRENOUILLET	09/20/2011
Jean-Marc FEDELI	10/25/2011
Liu LIU	10/19/2011
Regis OROBTCHOUK	10/03/2011
Philippe REGRENY	10/03/2011
Gunther ROELKENS	10/17/2011
Pedro ROJO-ROMEO	10/03/2011
Dries VAN THOURHOUT	10/24/2011

RECEIVING PARTY DATA

Name:	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
Street Address:	25, rue Leblanc Batiment <<Le Ponant D>>
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State/Country:	FRANCE
Postal Code:	75015

Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
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City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	B-3001

Name:	UNIVERSITE DE GAND
--------------	--------------------

CH \$40.00 13147015

Assignment of Application

Page 1 of 2

WHEREAS, I (We),

INSERT NAMES

AND RESIDENCE

ADDRESSES OF

INVENTORS:

1. GRENOUILLET Laurent 171 bis Chemin des Vignes 38140 Rives, France
2. FEDELI Jean-Marc, 2 Boulevard de Jomardiere 38120 Saint Egreve, France
3. LIU Liu, Oostendestraat 56, Gent 9000 Belgium
4. OROBTCHOUK Régis, 497, route de Luissert 38490 Fitilieu France
5. REGRENY Philippe, 476 route de Montluzin 69380 Chasselay France
6. ROELKENS Günther, Bruinbekestraat 44A, 9260 Schellebelle Belgium
7. ROJO-ROMEO Pedro, 9 rue du Créqui 69006 Lyon France
8. VAN THOURHOUT Dries, Landjuweelstraat 37, 9050 Gent Belgium

, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in:

Method of producing a photonic device and corresponding photonic device

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____ and,

WHEREAS, **COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES** (hereinafter referred to as "ASSIGNEE"), having place of business at: **25, rue Leblanc Bâtiment « Le Ponant D » 75015 PARIS France, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** at **3, rue Michel Ange, 75016 PARIS, France, IMEC** at **75 Kapeldreef, B-3001 LEUVEN, Belgium** and **UNIVERSITEIT GENT** at **St. Pietersnieuwstraat 25, B-9000 GENT, Belgium,**

are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I/WE, by theses presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.


I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any all and all foreign countries to issue any and all said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of CLARK & BRODY 1700 Diagonal Road Suite 510, ALEXANDRIA, VA 22314. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT
REEL: 031105 FRAME: 0974

Date: 2013-1-23



(Signature of Inventor)

GRENOUILLET Laurent

Date: _____

(Signature of Inventor)

FEDELI Jean-Marc

Date: _____

(Signature of Inventor)

LIU Liu

Date: _____

(Signature of Inventor)

OROBTCHOUK Régis

Date: _____

(Signature of Inventor)

REGRENY Philippe

Date: _____

(Signature of Inventor)

ROELKENS Günther

Date: _____

(Signature of Inventor)

ROJO-ROMEO Pedro

Date: _____

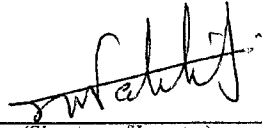
(Signature of Inventor)

VAN THOURHOUT Dries

Date: _____

(Signature of Inventor)
GRENOUILLET Laurent

Date: 2013-1-18



(Signature of Inventor)
FEDELI Jean-Marc

Date: _____

(Signature of Inventor)
LIU Liu

Date: _____

(Signature of Inventor)
OROBTCHOUK Régis

Date: _____

(Signature of Inventor)
REGRENY Philippe

Date: _____

(Signature of Inventor)
ROELKENS Günther

Date: _____

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ROJO-ROMEEO Pedro

Date: _____

(Signature of Inventor)
VAN THOURHOUT Dries

Date: _____

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GRENOUILLET Laurent

Date: _____

(Signature of Inventor)
FEDELI Jean-Marc

Date: 2013-1-14

Liu Liu

(Signature of Inventor)
LIU Liu

Date: _____

(Signature of Inventor)
OROBTCHOUK Régis

Date: _____

(Signature of Inventor)
REGRENY Philippe

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(Signature of Inventor)
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(Signature of Inventor)
ROJO-ROMEO Pedro

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VAN THOURHOUT Dries

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GRENOUILLET Laurent

Date: _____

(Signature of Inventor)
FEDELI Jean-Marc

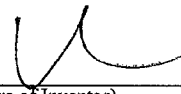
Date: _____

(Signature of Inventor)
LIU Liu

Date: _____

(Signature of Inventor)
OROBTCHOUK Régis

Date: 21 Janvier 2013



(Signature of Inventor)
REGRENY Philippe

Date: _____

(Signature of Inventor)
ROELKENS Günther

Date: _____

(Signature of Inventor)
ROJO-ROMEO Pedro

Date: _____

(Signature of Inventor)
VAN THOURHOUT Dries

Date: _____

(Signature of Inventor)
GRENOUILLET Laurent

Date: _____

(Signature of Inventor)
FEDELI Jean-Marc

Date: _____

(Signature of Inventor)
LIU Liu

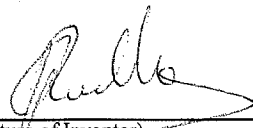
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OROBTCHOUK Régis

Date: _____

(Signature of Inventor)
REGRENY Philippe

Date: 11 - JAN - 2013

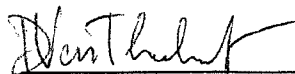


(Signature of Inventor)
ROELKENS Günther

Date: _____

(Signature of Inventor)
ROJO-ROMEIO Pedro

Date: 10 - JAN - 2013



(Signature of Inventor)
VAN THOURHOUT Dries

Date: _____

(Signature of Inventor)
GRENOUILLET Laurent

Date: _____

(Signature of Inventor)
FEDELI Jean-Marc

Date: _____

(Signature of Inventor)
LIU Liu

Date: 17/07/2013



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OROBTCHOUK Régis

Date: _____

(Signature of Inventor)
REGRENY Philippe

Date: _____

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ROELKENS Günther

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ROJO-ROMEIO Pedro

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VAN THOURHOUT Dries

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OROBTCHOUK Régis

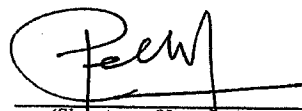
Date: _____

(Signature of Inventor)
REGRENY Philippe

Date: _____

(Signature of Inventor)
ROELKENS Günther

Date: January, the 16th, 2013



(Signature of Inventor)
ROJO-ROMEO Pedro

Date: _____

(Signature of Inventor)
VAN THOURHOUT Dries