

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4353792

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CHRISTOPHE SILIEN	07/05/2011
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UNIVERSITY OF LIMERICK	
<b>Street Address:</b>	PLASSEY TECHNOLOGICAL PARK	
<b>City:</b>	LIMERICK	
<b>State/Country:</b>	IRELAND	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Application Number:</b>	14232131
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(617)261-3175	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	617-261-3175	
<b>Email:</b>	mia.copp@klgates.com	
<b>Correspondent Name:</b>	K&L GATES LLP	
<b>Address Line 1:</b>	ONE LINCOLN STREET	
<b>Address Line 2:</b>	STATE STREET FINANCIAL CENTER	
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02111	
<b>ATTORNEY DOCKET NUMBER:</b>	PDL-028	
<b>NAME OF SUBMITTER:</b>	THOMAS A. TURANO	
<b>SIGNATURE:</b>	/Thomas A. Turano/	
<b>DATE SIGNED:</b>	04/05/2017	
<b>Total Attachments: 3</b>		
source=PDL-028_Silien_Assignment#page1.tif		
source=PDL-028_Silien_Assignment#page2.tif		
source=PDL-028_Silien_Assignment#page3.tif		

**THIS ASSIGNMENT** made the Fifth day of July two thousand and eleven

**BETWEEN SILIEN, CHIRSTOPHE;** a Belgian citizen of 31, Heron House,  
Thomond Village, University of Limerick, Castletroy, Limerick, Ireland

(hereinafter referred to as the “Assignors”) of the One Part.

**AND UNIVERSITY OF LIMERICK,** a body established by the Universities Act 1997  
of Plassey Technological Park, Limerick, Ireland

(hereinafter referred to as the “Assignee”) of the Other Part.

**WHEREAS** the Assignors is an inventor of an invention entitled “**2006129 - Instrumentation for Sum-frequency generation and infrared reflection-absorption mapping at high spatial resolution**” and a patent application entitled “**Device for high resolution sum-frequency generation and infrared microscopy**” filed in the European Patent on the 9<sup>th</sup> July 2010.

(hereinafter referred to as the “Invention”, which expression shall include all technology, materials and know-how relating thereto).

**AND WHEREAS** the Assignors have agreed with the Assignee to assign to the Assignee all their right, title, share and interest in and to the said Invention.

**NOW THIS DEED WITNESSETH** that in consideration of the premises and of the sum of Ten Euro (€10.00) paid by the Assignee to the Assignors at or before the signing of these presents (the receipt whereof the Assignors do hereby acknowledge) the Assignors do hereby assign, transfer convey and set unto the Assignee its successors and assigns all right, title, share and interest of the Assignors in and to the said Invention with full power to the Assignee to apply for and obtain letters patent, design registration and/or similar protection therefor in its own name in any country of the world.

**AND** the Assignors hereby covenant with the Assignee that they shall, at the cost of the Assignee, execute all further documents and do all such further things that may be requested by the Assignee and as are necessary for the purpose of enabling the Assignee to make application in its own name in any country of the world for letters patent, design registration and/or similar protection in respect of the said Invention.

**IT IS HEREBY CERTIFIED** that the rights hereby transferred are intellectual property (as defined in Section 101, Stamp Duties Consolidation Act 1999).

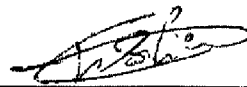
**IN WITNESS** of which the parties have executed this Deed on the day and year first above written.

**SIGNED SEALED AND DELIVERED**

by the said **SILIEEN, CHIRSTOPHE**;

in the presence of:

NING LIU



**SILIEEN, CHIRSTOPHE**;

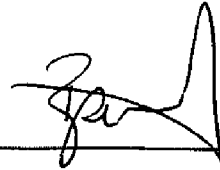


(Witnesses)

**GIVEN UNDER THE COMMON SEAL OF**

**UNIVERSITY OF LIMERICK**

in the presence of:



\_\_\_\_\_  
Director

\_\_\_\_\_  
Director/Secretary

Office Vice President  
Research  
UNIVERSITY of LIMERICK