

01-23-2006

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Donnacha Lowney, Patrick McNally and Alec Reader

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 22 November 2005 & 05 December 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
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☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: DUBLIN CITY UNIVERSITY

Internal Address: \_\_\_\_\_

Street Address: Glasnevin

City: Dublin 9

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**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/557,950 claiming priority from PCT/IE2004/000076

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Stephen J. Schultz, Esq.

Internal Address: WATTS HOFFMANN CO., LPA

Street Address: 1100 Superior Avenue - Suite 1750

City: Cleveland

State: Ohio

Zip: 44114-2518

Phone Number: 216/241-6700

Fax Number: 216/241-8151

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: ONE**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

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**9. Signature:**

Stephen Schultz  
Signature

Jan 5, 2006  
Date

Stephen J. Schultz  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: \_\_\_\_\_

-3-

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PATENT  
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**ASSIGNMENT**

IN CONSIDERATION of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, we, Donnacha Lowney, Patrick McNally, and Alec Reader, citizens of Ireland, Ireland, and Great Britain, and residing at 2 Rivervalley Close, Swords, County Dublin, Ireland; 30 Balbriggan Street, Skerries, County Dublin, Ireland; and Rue de la Brasserie 3, B-5640 Mettet, Belgium, respectively, do hereby sell, transfer, set over and assign unto DUBLIN CITY UNIVERSITY, with a principal place of business at Glasnevin, Dublin 9, Ireland, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention entitled **A METHOD AND APPARATUS FOR ANALYSIS OF SEMICONDUCTOR MATERIALS USING PHOTOACOUSTIC SPECTROSCOPY TECHNIQUES**, invented by us and the application for United States patent therefor, executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in foreign countries to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent to the said DUBLIN CITY UNIVERSITY, its successors, assigns, nominees, or other legal representatives, as assignee and owner of the said entire interest, and covenant that we have full right to convey said entire interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith, and agree that we will communicate to said DUBLIN CITY UNIVERSITY, its successors, assigns, nominees or other legal representatives, all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said DUBLIN CITY UNIVERSITY, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, we will upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer, and we further covenant and agree that we will, at any time upon request do everything legally possible to aid said DUBLIN CITY UNIVERSITY, its successors, assigns, nominees or other legal representatives, either in its or our own name, to apply for, obtain and enforce proper patent protection in all countries, including priority rights granted to

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Date: 22/11/2005

Donnacha Lowney  
Donnacha LOWNEY

Date: 22 Nov 2005

Patrick McNally  
Patrick McNALLY

Date: 5 Dec. 2005.

Alec Reader  
Alec READER