

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3124606

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CHARALAMPOS MAKATSORIS	03/31/2014
	LEONID PARAMONOV	11/17/2014
	RAKAN ALSHARIF	03/31/2014
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	<b>Property Type</b>	<b>Number</b>
	Application Number:	14349746
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<b>DATE SIGNED:</b>	11/26/2014	
<b>Total Attachments: 6</b>		
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## **ASSIGNMENT**

This document is an ASSIGNMENT made by ASSIGNORS:

**Charalampos Makatsoris** of **c/o Brunel University**  
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to ASSIGNEE:

**Brunel University** of **Brunel University**  
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**GREAT BRITAIN**

(a university organized under the laws of Great Britain)

IN CONSIDERATION of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is acknowledged:

### **1. Assignment.**

The ASSIGNORS sell and assign to the ASSIGNEE, and to the ASSIGNEE's successors and assignees, their entire right, title and interest in the following patent applications and the invention(s) described therein:

Title (as filed): **A MODULAR FLOW REACTOR**  
U.S. Appl'n. No.: 14/349,746  
U.S. Filing Date: 04 April 2014  
Inventor(s): Charalampos Makatsoris, Leonid Paramonov and Rakan Alsharif  
Priority From: PCT/GB2012/052456 filed 04 October 2012; GB 1117064.4 filed 04 October 2011

The ASSIGNEE or the attorney of record are authorized to insert the filing date and serial number of the application above after such have been established.

Title (as filed): **A MODULAR FLOW REACTOR**  
Int'l. Appl'n. No.: PCT/GB2012/052456  
Int'l. Filing Date: 04 October 2012  
Inventor(s): Charalampos Makatsoris, Leonid Paramonov and Rakan Alsharif  
Priority From: GB 1117064.4 filed 04 October 2011

Title (as filed): **A MODULAR FLOW REACTOR**  
GB Appl'n. No.: GB 1117064.4  
GB Filing Date: 04 October 2011  
Inventor(s): Charalampos Makatsoris, Leonid Paramonov and Rakan Alsharif

The ASSIGNORS acknowledge that their entire beneficial interest in the applications and the invention(s) therein is irrevocably vested in the ASSIGNEE, including the right to apply for protection in all countries abroad and the right to claim priority under any International Conventions for such applications, and assent to the making of any such applications and any substitutes, refiles, divisions, or continuations resulting from any such applications, with or without priority claims. The ASSIGNORS acknowledge that the ASSIGNEE shall hold all right, title and interest in the applications and the invention(s) as fully and completely as they would have been held by the ASSIGNORS had this ASSIGNMENT not been made, including any right, title and interest in and to any causes of action for infringement, and the right to sue and collect damages for any infringement.

**2. Other Matter Encompassed.**

This sale and assignment extends to the previously-noted matter, and also (a) any related substitute, refile, divisional, or continuation applications filed in the United States and elsewhere; (b) any subsequent patent applications filed in the United States or elsewhere claiming the benefit of priority to this or any of the aforementioned applications; (c) any patents issuing out of any of the aforementioned applications, and any reissues or extensions of such patents; and (d) any other patent applications or patents relating to the invention set forth in the application(s) identified above.

**3. Assignor Certification of Ownership.**

The ASSIGNORS covenant that they have the full right to convey their entire right in the invention to the ASSIGNEE, and that they have not executed and will not execute any agreement in conflict with this ASSIGNMENT.

**4. Assignor Assistance in Securing Rights.**

The ASSIGNORS covenant that they will at any time and upon request execute and deliver any and all papers that may be necessary or desirable to perfect the title in the invention, or the title in any application regarding the invention or in any patents that may be granted for the invention. If the ASSIGNEE or its successors or assignees desire to make substitute, refile, division, or continuation applications for the invention, or to secure a reissue or extension of a patent for the invention, or to file a disclaimer relating to the invention, or to make an application for a corresponding patent in any foreign country, the ASSIGNORS covenant that they will at any time and upon request sign all papers, make all rightful oaths, and do all lawful acts necessary for these purposes, but at the expense of the ASSIGNEE.

The ASSIGNORS covenant that they will at all times communicate to the ASSIGNEE, its successors, assigns, and legal representatives, all facts relating to the invention and any applications or patents relating to the invention known to them, and testify as to these facts in interferences or other litigation when requested to do so, but at the expense of the ASSIGNEE.

(Signatures on Following Three Pages)

ASSIGNOR:

Charalampos Makatsoris

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31/3/2014  
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Leonid Paramonov

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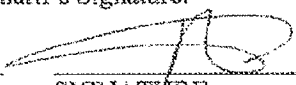
Date:

31 / March / 2014  
DAY / MONTH / YEAR

Witnesses to Assignor ~~Rakan~~ Rakan Alsharif's Signature:

Periklis Sarris

Full Name of Witness

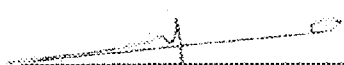
  
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Saud Faisal Binmahafoz

Full Name of Witness

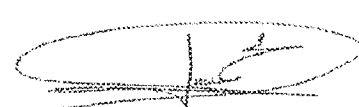
  
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