

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Justin Rorke Buckland</td> <td>01/19/2012</td> </tr> <tr> <td>James Edward McCrone</td> <td>01/19/2012</td> </tr> <tr> <td>Stuart Andrew Hatfield</td> <td>01/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Justin Rorke Buckland	01/19/2012	James Edward McCrone	01/19/2012	Stuart Andrew Hatfield	01/19/2012
Name	Execution Date								
Justin Rorke Buckland	01/19/2012								
James Edward McCrone	01/19/2012								
Stuart Andrew Hatfield	01/19/2012								
RECEIVING PARTY DATA									
Name:	The Technology Partnership PLC								
Street Address:	Melbourn Science Park, Cambridge Road, Melbourn, Royston								
City:	Hertfordshire								
State/Country:	UNITED KINGDOM								
Postal Code:	SG8 6EE								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13376017</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13376017				
Property Type	Number								
Application Number:	13376017								
CORRESPONDENCE DATA									
Fax Number:	(216)621-4072								
Phone:	216-621-2234								
Email:	AGalo@Tarolli.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Richard S. Wesorick								
Address Line 1:	1300 East Ninth Street, Suite 1700								
Address Line 4:	Cleveland, OHIO 44114								
ATTORNEY DOCKET NUMBER:	GJE-020981-US_PCT								
NAME OF SUBMITTER:	Richard S. Wesorick								
Total Attachments: 2 source=GJE020981USPCTAssign#page1.tif source=GJE020981USPCTAssign#page2.tif									

OP \$40.00 13376017

ASSIGNMENT

19/1/2012
Smt
WHEREAS, we, Justin Rorke Buckland, James Edward McCrone, and ~~Stuart~~ Andrew Hatfield of 4 Chalk Grove, Cambridge, Cambridgeshire, CB1 8NT, United Kingdom; of 27 Scotsdowne Road, Trumpington, Cambridge, Cambridgeshire, CB2 2HU, United Kingdom; and of 125 Ross Street, Cambridge, Cambridgeshire, CB1 3BS, United Kingdom, respectively, have made new and useful improvements in VALVE; for which a application for Letters Patent of the United States has been filed on December 2, 2011, under Serial No. 13/376,017; and

WHEREAS, The Technology Partnership PLC, a corporation duly organized and existing under the laws of the United Kingdom, having a place of business at Melbourn Science Park, Cambridge Road, Melbourn, Royston, Hertfordshire, SG8 6EE, United Kingdom is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said Justin Rorke Buckland, James Edward McCrone, and ~~Stuart~~ Andrew Hatfield, do hereby assign, sell and set over unto the said The Technology Partnership PLC, its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 13/376,017 for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby 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, to issue such patents to the said The Technology Partnership PLC, its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said The Technology Partnership PLC, its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said The Technology Partnership PLC, its successors or assigns.

Executed this 19th day of January, 2012

Justin R Buckland

Justin Rorke BUCKLAND

Witnessed:

Alan Byrne

Name: ALAN BYRNE
Title:

IP Manager

Date: 19th Jan 2012

PATENT

REEL: 027740 FRAME: 0271

Executed this 19th day of January, 2012



James Edward McCrone

Witnessed:



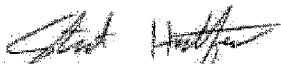
Name: Alan Boyle

Title:

I.P. Manager

Date: 19th Jan 2012

Executed this 19th day of January, 2012



Stuart Andrew HATFIELD

Stuart

SA-19/1/2012

Witnessed:



Name: Alan Boyle

Title:

I.P. Manager

Date: 19th Jan 2012