

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>William Bauer Jay Zimmerman</td> <td>04/30/2009</td> </tr> <tr> <td>Vaclav Tesar</td> <td>04/30/2009</td> </tr> </table>		Name	Execution Date	William Bauer Jay Zimmerman	04/30/2009	Vaclav Tesar	04/30/2009						
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The University of Sheffield</td> </tr> <tr> <td>Street Address:</td> <td>Firth Court</td> </tr> <tr> <td>Internal Address:</td> <td>Western Bank</td> </tr> <tr> <td>City:</td> <td>Sheffield</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>S10 2TN</td> </tr> </table>		Name:	The University of Sheffield	Street Address:	Firth Court	Internal Address:	Western Bank	City:	Sheffield	State/Country:	UNITED KINGDOM	Postal Code:	S10 2TN
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (404)881-7777 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 404-881-4831 Email: elaine.kelly@alston.com Correspondent Name: ALSTON & BIRD LLP/Jason P. Cooper Address Line 1: 1201 West Peachtree Street Address Line 2: One Atlantic Center/Alston & Bird LLP Address Line 4: Atlanta, GEORGIA 30309-3424													
ATTORNEY DOCKET NUMBER:	031749/371820												
NAME OF SUBMITTER:	Jason P. Cooper												
Total Attachments: 2 source=371820Assignment#page1.tif													

CH \$40.00 12447629

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PATENT
REEL: 022909 FRAME: 0271

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

THE UNIVERSITY OF SHEFFIELD

Firth Court
Western Bank
Sheffield, S10 2TN
United Kingdom

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"BUBBLE GENERATION FOR AERATION AND OTHER PURPOSES"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No.; 12/447,629; filed April 28, 2009
- ☒ Application claims priority from International Application PCT/GB2007/004101, filed October 29, 2007 which claims benefit of Great Britain Application No. 0621561.0, filed October 30, 2006, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in

form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as October 30, 2006.

30 April 2009
Date

William Bauer Jay ZIMMERMAN
William Bauer Jay ZIMMERMAN

30 April 2009
Date

C. Wilkinson
Witness

30 April 2009
Date

M I White
Witness

20.5.2009
Date

Vaclav TESAR
Vaclav TESAR

20.5. 2009
Date

Koloman born Janus
Witness

19.5.2009
Date

R. Mero
Witness

Attorney Docket No. 031749/371820