

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3162940

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILLEM VAN HOEVE	12/11/2014
ELENA DE CASTRO HERNÁNDEZ	11/24/2014
JOSÉ MANUEL GORDILLO ARIAS DE SAAVEDRA	11/25/2014
ANDREAS MICHAEL VERSLUIS	12/03/2014
DETLEF LOHSE	12/03/2014
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<b>Postal Code:</b>	41012
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14386318
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
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PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	VERN6.002APC
<b>NAME OF SUBMITTER:</b>	JINHEE CHANG
<b>SIGNATURE:</b>	/Jinhee Chang/
<b>DATE SIGNED:</b>	12/26/2014
<b>Total Attachments: 3</b> source=ASSIGNMENT_VERN6-002APC#page1.tif source=ASSIGNMENT_VERN6-002APC#page2.tif source=ASSIGNMENT_VERN6-002APC#page3.tif	

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**ASSIGNMENT**

WHEREAS, Willem van Hoeve, residing at Enschede, The Netherlands; Elena de Castro Hernández, residing at Sevilla, Spain; José Manuel Gordillo Arias de Saavedra residing at Sevilla, Spain; Andreas Michael Versluis, residing at Enschede, The Netherlands; and Detlef Lohse, residing at Enschede, The Netherlands, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to APPARATUS AND METHOD FOR MASS PRODUCING A MONODISPERSE MICROBUBBLE AGENT (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");


AND WHEREAS, Universiteit Twente, having an address at Drienerlolaan 5, 7522 NB Enschede, The Netherlands and Universidad de Sevilla, having an address at Pabellón de Brasil, Paseo de las Delicias, s/n, 41012 Sevilla, Spain (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s) . . . filed (respectively if plural applications)), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests 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 all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Willem van Hoeve

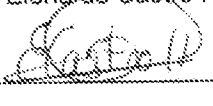
Inventor Signature: x 

Date: x 11/12/2014

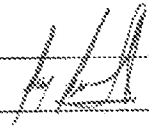
Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

Legal Name of inventor: Elena de Castro Hernández

Inventor Signature: x 

Date: x 24/11/2014

Witnessed by: 

Witness Name (printed): ADORACIÓN GARCÍA DE PABLO

Legal Name of inventor: José Manuel Gordillo Arias de Saavedra

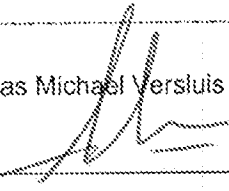
Inventor Signature: x 

Date: x 25/11/2014

Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

Legal Name of inventor: Andreas Michael Versluis

Inventor Signature: x 

Date: x 03/12/2014

Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

Application No.: 14/386,318  
Filing Date: September 18, 2014

Docket Number: VERNL6.002APC  
Page 3 of 3

Legal Name of Inventor: Detlef Lohse

Inventor Signature: x D Lohse D Lohse Date: x 3.12.2014

Witnessed by:

Witness Name (printed):

JHBM LIEFERING

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