

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2922208

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	07/12/2011
CONVEYING PARTY DATA	
Name	Execution Date
DAVID KYLE PIERCE	06/24/2014
MARK GORDON MORTENSON	06/24/2014
DAVID ANDREW BRYCE	06/24/2014
ADAM ROBERT DORFMAN	06/24/2014
MIKHAIL MERZLIAKOV	06/20/2014
ARTHUR MAXWELL GRACE	06/24/2014
RECEIVING PARTY DATA	
Name:	GR INTELLECTUAL RESERVE, LLC
Street Address:	1 RESONANCE WAY
City:	HAVRE DE GRACE
State/Country:	MARYLAND
Postal Code:	21078
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13144221
CORRESPONDENCE DATA	
Fax Number:	(410)939-2817
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	443-309-5347
Email:	mmortenson@generalresonance.com
Correspondent Name:	MARK G. MORTENSON
Address Line 1:	P.O. BOX 310
Address Line 4:	NORTH EAST, MARYLAND 21901-0310
ATTORNEY DOCKET NUMBER:	GRIR 134(C) US
NAME OF SUBMITTER:	MARK G. MORTENSON
SIGNATURE:	/Mark G. Mortenson/
DATE SIGNED:	07/01/2014
Total Attachments: 3	

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ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

WHEREAS, we, the undersigned Inventors, have invented certain new and useful improvements known as US Patent Application No. 13/144,221, filed July 12, 2011, (the "Invention") described as follows:

Continuous, Semicontinuous and Batch Methods for Treating Liquids and Manufacturing Certain Constituents (e.g., Nanoparticles) in Liquids, Apparatuses and Nanoparticles and Nanoparticle/Liquid Solution(s) and Colloids Resulting Therefrom

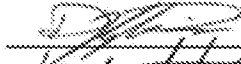
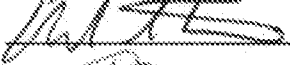



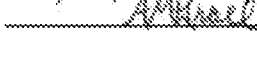
WHEREAS, we desire to assign all of our right, title and interest in said Invention to: **GR INTELLECTUAL RESERVE, LLC**, 1 Resonance Way, Havre de Grace, Maryland 21078 ("Assignee").

WHEREAS, for good and valuable consideration, the receipt of which is hereby acknowledged;

WE HEREBY assign, sell and transfer all of our right, title and interest in and to the Invention, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters of Patent of the United States, and countries foreign thereto, which may be granted or have granted for the Invention, and in and to any and all reissues and reexaminations thereof, and in and to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee; and

WE HEREBY authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto; and

WE FURTHER AGREE to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our said Invention, as the Assignee or its Designee(s) may, from time to time, require and prepare at its own expense.

<u>Inventor</u>	<u>Signature</u>	<u>Date</u>
David Kyle Pierce		06/24/2014
Mark Gordon Mortenson		20 June 2014
David Andrew Bryce		06/24/2014
Adam Robert Dorfman		06/24/2014
Mikhail Merzliakov		20 Jun 2014
Arthur Maxwell Grace		06/24/2014

Executed this 24 day of June, 2014 at Perryville, Maryland.

STATE OF MARYLAND

COUNTY OF HARFORD Cecil

Before me personally appeared DAVID KYLE PIERCE, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute the same this 24 day of June, 2014.

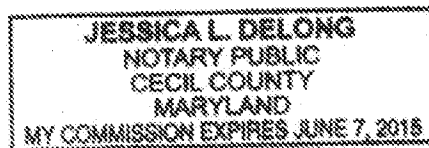
A. Rebecca Jones
Notary Public

Executed this 20 day of June, 2014 at Havre de Grace, Maryland.

STATE OF MARYLAND

COUNTY OF HARFORD

Before me personally appeared MARK GORDON MORTENSON, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute the same this 20 day of June, 2014.



Jessica L. DeLong commissioned as
Jessica L. DeLong
Notary Public

Executed this 24 day of June, 2014 at Perryville, Maryland.

STATE OF MARYLAND

COUNTY OF HARFORD Cecil

Before me personally appeared DAVID ANDREW BRYCE, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute the same this 24 day of June, 2014.

A. Rebecca Jones
Notary Public

PATENT

REEL: 033264 FRAME: 0360

Executed this 24 day of June, 2014 at Perryville, Maryland.

STATE OF MARYLAND

COUNTY OF HARFORD Cecil

Before me personally appeared ADAM ROBERT DORFMAN, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute the same this 24 day of June, 2014.

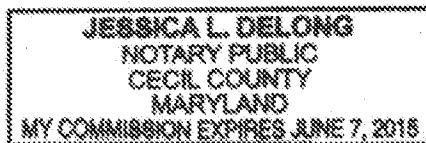
A. Rebecca Ellis
Notary Public

Executed this 20 day of June, 2014 at Havre de Grace, Maryland.

STATE OF MARYLAND

COUNTY OF HARFORD

Before me personally appeared MIKHAIL MERZLIAKOV, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute the same this 20 day of June, 2014.



Jessica L. DeLong commissioned as
Jessica L. DeLong
Notary Public

Executed this 24 day of June, 2014 at Perryville, Maryland.

STATE OF MARYLAND

COUNTY OF HARFORD Cecil

Before me personally appeared ARTHUR MAXWELL GRACE, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute the same this 24 day of June, 2014.

A. Rebecca Ellis
Notary Public