

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT2882704

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH ZAHKA	07/18/2008
AIWEN WU	06/18/2008
RECEIVING PARTY DATA	
Name:	ENTEGRIS, INC.
Street Address:	129 CONCORD ROAD
City:	BILLERICA
State/Country:	MASSACHUSETTS
Postal Code:	01821-4600
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14294980
CORRESPONDENCE DATA	
Fax Number:	
<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:	5126379220
Email:	DNARVAIZ@SPRINKLELAW.COM
Correspondent Name:	SPRINKLE IP LAW GROUP
Address Line 1:	1301 W. 25TH STREET
Address Line 2:	SUITE 408
Address Line 4:	AUSTIN, TEXAS 78705
ATTORNEY DOCKET NUMBER:	ENTG1940-2
NAME OF SUBMITTER:	KATHARINA W. SCHUSTER
SIGNATURE:	/KATHARINA W. SCHUSTER/
DATE SIGNED:	06/03/2014
Total Attachments: 4	
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source=ENTG1940-2_Ex_Assignment#page4.tif	

ASSIGNMENT

This Assignment is made by Joseph ZAHKA, of Andover, MA, and Aiwen WU, of Malden, MA ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled **METHOD AND APPARATUS FOR TREATING FLUIDS TO REDUCE MICROBUBBLES**, for which an application for United States Letters Patent was made on **October 23, 2007**, bearing an application number of **11/919,110**; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and


WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Entegris, Inc.**, a Delaware Corporation, having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

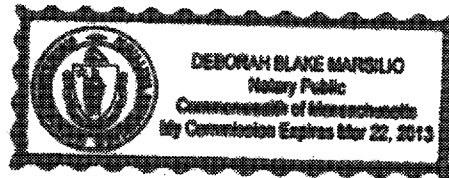
IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 18 day of July, 2008. *JZY* 

Joseph Zahka
Joseph Zahka

State of Massachusetts)
County of Middlesex)ss

On this day and year aforesaid, before me personally appeared Joseph Zahka, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Deborah Blake Marsilio
Signature
Deborah Blake Marsilio
Printed Name, Notary Public
My commissioner expires: 3-22-13



IN WITNESS WHEREOF, I hereby set my hand and affix my seal this ____ day of _____, 2006.

Aiwen Wu

State of _____)
County of _____)ss

On this day and year aforesaid, before me personally appeared Aiwen Wu, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public
My commissioner expires: _____

ASSIGNMENT

This Assignment is made by **Joseph ZAHKA**, of **Andover, MA**, and **Aiwen WU**, of **Malden, MA** ("Assignors").

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WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Entegris, Inc.**, a Delaware Corporation, having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this ____ day of _____, 2008.

Joseph Zahka

State of _____)
County of _____)ss

On this day and year aforesaid, before me personally appeared Joseph Zahka, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public
My commissioner expires: _____

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 18 day of June, 2008.

Aiwen Wu

Aiwen Wu

State of Massachusetts)
County of Middlesex)ss

On this day and year aforesaid, before me personally appeared Aiwen Wu, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Noreen Buckley

Signature
Noreen Buckley

Printed Name, Notary Public
My commissioner expires: 11/6/09

Noreen Buckley
Notary Public
My Commission Expires
November 6, 2009

