

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard I MASEL</td> <td>02/12/2009</td> </tr> <tr> <td>Mark SHANNON</td> <td>03/20/2009</td> </tr> <tr> <td>Adarsh D. RADADIA</td> <td>03/19/2009</td> </tr> <tr> <td>Kuan-Lun CHU</td> <td>03/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Richard I MASEL	02/12/2009	Mark SHANNON	03/20/2009	Adarsh D. RADADIA	03/19/2009	Kuan-Lun CHU	03/04/2009		
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CORRESPONDENCE DATA													
<p>Fax Number: (415)576-0300</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 415-576-0200</p> <p>Email: docket@townsend.com</p> <p>Correspondent Name: Townsend and Townsend and Crew LLP</p> <p>Address Line 1: Two Embarcadero Center</p> <p>Address Line 2: Eighth Floor</p> <p>Address Line 4: San Francisco, CALIFORNIA 94111-3834</p>													
ATTORNEY DOCKET NUMBER:	027051-000610US												
NAME OF SUBMITTER:	Andrea D. Tiglio												

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PATENT
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Total Attachments: 6

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ASSIGNMENT

WHEREAS, we Richard I. MASEL, being a citizen of the United States, having an address at 2603 Lakeview Drive, Champaign, Illinois, U.S., 61822; Mark SHANNON of 1206 Dorchester Drive, Champaign, IL 61821; Adarsh D. RADADIA of 503 E. Clark Street, Apt. # 17, Urbana, IL 61801; and Kuan-Lun CHU of 254 Carters Grove Road, Dayton, OH 45459 *R. C.*
3866 North Chalet Circle, Dayton OH 45431 have made new and useful processes, machines, articles of manufacture, compositions of matter and/or improvements in **NEW COLUMN DESIGN FOR MICRO GAS CHROMATOGRAPH**, for which we filed an application for Letters Patent of the United States on December 18, 2008 and which was accorded U.S. Patent Application Serial Number 12/337,856.

WHEREAS, THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate and politic of the State of Illinois, having a place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, Illinois, U.S., 61801 and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.


2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, other litigation, or proceeding related thereto.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12 day
of Feb, 2009.




Richard I. MASEL

State or Province of Illinois, County of Champaign

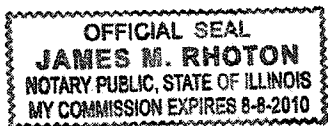
On this 12th day of February, 2009, before me, the
undersigned, a Notary Public in and for said County and State, appeared Richard I.
MASEL known by me, (or proved to me on the basis of satisfactory evidence) to be the
person described in and who signed the annexed assignment, and being duly sworn,
acknowledged that he executed the same for the purposes and consideration therein
expressed.

Given under my hand and seal of office,

Seal of the Notary



Notary Public in and for said County and State



My Commission Expires: 8/8/2010

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day
of 20 March, 2009.

Mark Shannon

Mark SHANNON

State or Province of Illinois, County of Champaign

On this 20th day of March, 2009, before me, the
undersigned, a Notary Public in and for said County and State, appeared Mark
SHANNON known by me, (or proved to me on the basis of satisfactory evidence) to be
the person described in and who signed the annexed assignment, and being duly sworn,
acknowledged that he executed the same for the purposes and consideration therein
expressed.

Given under my hand and seal of office,

Tracy A. Hunter

Seal of the Notary

Notary Public in and for said County and State



My Commission Expires: August 2, 2010

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 19 day
of March, 2009.

Adarsh
Adarsh D. RADADIA

State or Province of Illinois, County of Champaign

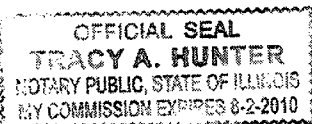
On this 19th day of March, 2009, before me, the
undersigned, a Notary Public in and for said County and State, appeared Adarsh D.
RADADIA known by me, (or proved to me on the basis of satisfactory evidence) to be
the person described in and who signed the annexed assignment, and being duly sworn,
acknowledged that he executed the same for the purposes and consideration therein
expressed.

Given under my hand and seal of office,

Seal of the Notary

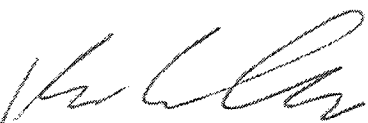
Tracy A. Hunter

Notary Public in and for said County and State



My Commission Expires: August 2, 2010

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4th day
of March, 2009.


Kuan-Lun CHU

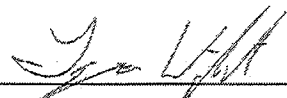
State or Province of Ohio, County of Montgomery

On this 4th day of March, 2009, before me, the
undersigned, a Notary Public in and for said County and State, appeared Kuan-Lun CHU
known by me, (or proved to me on the basis of satisfactory evidence) to be the person
described in and who signed the annexed assignment, and being duly sworn,
acknowledged that he executed the same for the purposes and consideration therein
expressed.

Given under my hand and seal of office,

Seal of the Notary

TONYA WRIGHT, Notary Public
In and for the State of Ohio
My Commission Expires March 29, 2012


Notary Public in and for said County and State

My Commission Expires: March 29, 2012