

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shubhra Gangopadhyay	11/18/2008
Steven Apperson	12/16/2008
Keshab Gangopadhyay	11/18/2008
Andrey Bezmelnitsyn	12/16/2008
Rajagopalan Thiruvengadathan	12/16/2008
Michael Kraus	12/16/2008
Rajesh Shende	12/12/2008
Maruf Hossain	11/24/2008
Senthil Subramanian	11/20/2008
Shantanu Bhattacharya	11/23/2008
Yuangang Gao	12/01/2008

RECEIVING PARTY DATA

Name:	The Curators of the University of Missouri
Street Address:	475 McReynolds Hall
City:	Columbia
State/Country:	MISSOURI
Postal Code:	65211-2015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12083985

CORRESPONDENCE DATA

Fax Number: (312)360-9315
 Phone: 3123600080
 Email: docket@gbclaw.net

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

CH \$40.00 12083985

Correspondent Name: Greer, Burns & Crain Ltd.
Address Line 1: 300 South Wacker Drive
Address Line 2: Suite 2500
Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:

2114.74178

NAME OF SUBMITTER:

Steven P. Fallon

Total Attachments: 12
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ASSIGNMENT

WHEREAS, **Shubhra GANGOPADHYAY**, a citizen of the United States, residing at 2306 Longview Drive, Columbia, MO 65203;

Steven APPERSON, a citizen of the United States, residing at 1700 Forum Blvd., Apt. 501, Columbia, MO 65203;

Keshab GANGOPADHYAY, a citizen of the United States, residing at 2306 Longview Drive, Columbia, MO 65203;

Andrey BEZMELNYTSIN, a citizen of Russia, residing at 2401 West Broadway, Apt. 210, Columbia, MO 65203;

Rajagopalan THIRUVENGADATHAN, a citizen of India, residing at 1401 Ashland Road, Apt. #E, Columbia, MO;

Michael KRAUS, a citizen of the United States, residing at 3601 W. Broadway, Columbia, MO 65203;

Rajesh SHENDE, a citizen of India, residing at 2601 Hillshire Drive, Columbia, MO 65203;

Maruf HOSSAIN, a citizen of Bangladesh, residing at 3300 Alligator, Columbia, MO 65202;

Senthil SUBRAMANIAN, a citizen of India, residing at 11721 Stoney Peak Drive, #33, San Diego, CA 92123;

Shantanu BHATTACHARYA, a citizen of India, residing at 2306 Longview Drive, Columbia, MO 65203;

Yuangang GAO, a citizen of China, residing at 5785 N Orchard Creek Cir, Boulder CO 80301, referred to as ASSIGNS, have invented and own a certain invention entitled:

**SHOCK WAVE AND POWER GENERATION
USING ON-CHIP NANOENERGETIC MATERIAL**

for which a United States utility patent application was filed on April 22, 2008, and assigned Serial No. 12/083,985

WHEREAS, THE CURATORS OF THE UNIVERSITY OF MISSOURI, a non-profit organization of the State of Missouri having a place of business at 475 McReynolds Hall, Columbia, MO 65211-2015, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire interest in, to and under said invention and any United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

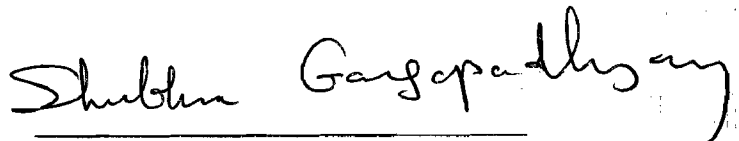
Be it known that for good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive rights, titles and interests to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS also assign all of their rights, titles and interests in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNORS and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Date 11.18-2008



Shubhra GANGOPADHYAY

Date _____

Steven APPERSON

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive rights, titles and interests to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS also assign all of their rights, titles and interests in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

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Date _____

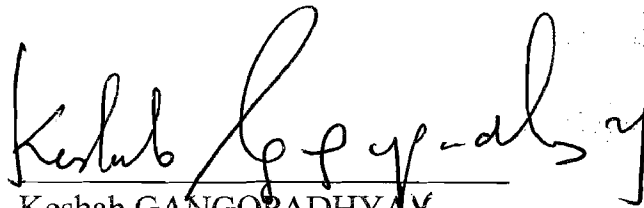
Shubhra GANGOPADHYAY

Date 12/16/08



Steven APPERSON

Date 11/18/2008


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Date _____

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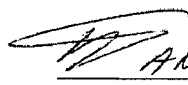
Date _____

Shantanu BHATTACHARYA

Date _____

Keshab GANGOPADHYA

Date 12/16/2008



Andrey BEZMELNITSYN
ITSYN

Date _____

Rajagopalan THIRUVENGADATHAN

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Michael KRAUS

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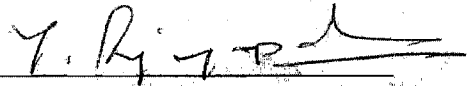
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Keshab GANGOPADHYA

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Andrey BEZMELNYTSIN

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Rajagopalan THIRUVENGADATHAN

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Keshab GANGOPADHYA

Date _____

Andrey BEZMELNYTSIN

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Rajagopalan THIRUVENGADATHAN

Date _____

Michael KRAUS

Date 12.12.08



Rajesh SHENDE

Date _____

Maruf HOSSAIN

Date _____

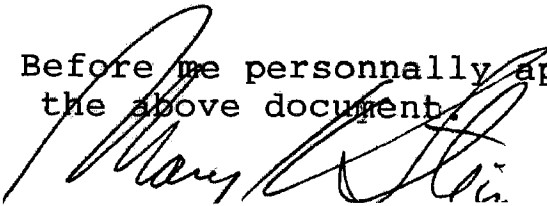
Senthil SUBRAMANIAN

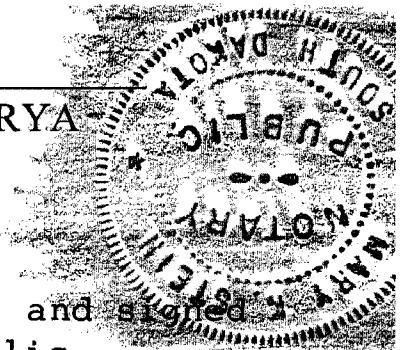
Date _____

Shantanu BHATTACHARYA

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Before me personally appeared Dr. Rajesh Shende, and signed the above document. Mary K. Stein, Notary Public, Pennington County, South Dakota. My commission expires _____





PATENT REEL:1027102 FRAME: 0961

Date _____

Keshab GANGOPADHYA

Date _____

Andrey BEZMELNYTSIN

Date _____

Rajagopalan THIRUVENGADATHAN

Date _____

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Date _____

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Maruf Hossain

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Rajagopalan THIRUVENGADATHAN

Date _____

Michael KRAUS

Date _____

Rajesh SHENDE

Date _____

Maruf HOSSAIN

Date 11/20/2008



Senthil SUBRAMANIAN

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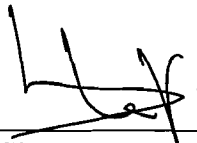
Date _____

Maruf HOSSAIN

Date _____

Senthil SUBRAMANIAN

Date 11/23/2008



Shantanu BHATTACHARYA

Date 12/1/08

Yuanguang Gao

Yuanguang GAO