

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Prem Ballabh BISHT</td> <td>09/20/2011</td> </tr> <tr> <td>C. K. Raman NAMBOODIRI</td> <td>09/20/2011</td> </tr> <tr> <td>Venkata Ramanaiah DANTHAM</td> <td>09/20/2011</td> </tr> </tbody> </table>		Name	Execution Date	Prem Ballabh BISHT	09/20/2011	C. K. Raman NAMBOODIRI	09/20/2011	Venkata Ramanaiah DANTHAM	09/20/2011
Name	Execution Date								
Prem Ballabh BISHT	09/20/2011								
C. K. Raman NAMBOODIRI	09/20/2011								
Venkata Ramanaiah DANTHAM	09/20/2011								
RECEIVING PARTY DATA									
Name:	Indian Institute of Technology Madras								
Street Address:	Tamilnadu								
City:	Chennai								
State/Country:	INDIA								
Postal Code:	600036								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13472987</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13472987				
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Application Number:	13472987								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Joseph T. Helmsen Reg. No. 54163								
Total Attachments: 5 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed_Assignment#page4.tif source=Executed_Assignment#page5.tif									

OP \$40.00 13472987

ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Prem Ballabh BISHT, C7-3, 5th Cross Road, IIT Madras Campus, Chennai-600036, Tamil Nadu, India and C. K. Raman NAMBOODIRI, Sreerajamandiram, Manassery, Mukkam, Kozhikode, Kerala-673602, India and Venkata Ramanaiah DANTHAM, Ambalapudi(VI), Nindali (post), Chennuru(S.O), Nellore(Dist), Andhra Pradesh-524406, India

effective as of September 20, 2011 hereby sells, assigns, transfers, and conveys unto Indian Institute Of Technology Madras, Chennai 600036, Tamilnadu, India (“Assignee”), all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the “Rights”):

1. the inventions disclosed in the solution report/invention disclosure titled ENHANCEMENT OF RAMAN SCATTERING SIGNAL BY USING PHOTONIC NANOJET OF A SINGLE MICROSPHERE and all inventions claimed and/or described in the Application (collectively, the “Invention”);
2. the patent applications listed in the table below (the “Application”);

Patent Application No.	Country	Filing Date	Title
13/472,987	US	May 16, 2012	ENHANCEMENT OF RAMAN SCATTERING

3. all rights with respect to the Invention, including all UNITED STATES patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application (“Potential Patents”);
4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;
5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (“Foreign Rights”), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
6. all rights to claim priority rights deriving from the Application;
7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor hereby authorizes and requests authorized representative to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

[Signature Page(s) to Follow]

By: Prem Ballabh Bishit 1st May 2012
Print name: Prem Ballabh BISHIT

ATTESTATION

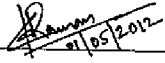
The undersigned witnessed the signature of Prem Ballabh BISHIT to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Prem Ballabh BISHIT is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 01/05/2012, 2012, to execute this document.
3. Prem Ballabh BISHIT subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By: S. Akbar -Ali 01/05/2012
Print name: [Name of 1st Attestor] S. AKBAR ALI

By: B. Sridhakara Reddy
Print name: [Name of 2nd Attestor] B. Sridhakara Reddy

By:  21/05/2012
Print name: C. K. Raman NAMBOODIRI

ATTESTATION

The undersigned witnessed the signature of C. K. Raman NAMBOODIRI to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. C. K. Raman NAMBOODIRI is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on _____, 20__, to execute this document.
3. C. K. Raman NAMBOODIRI subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By: S. Akbar Ali 1st May 2012
Print name: [Name of 1st Attestor] S. AKBAR ALI

By: B. Sathakara Reddy
Print name: [Name of 2nd Attestor] B. Sathakara Reddy

By:

Venkata Ramanaiah, May 01, 2012

Print name:

Venkata Ramanaiah DANTHAM

ATTESTATION

The undersigned witnessed the signature of Venkata Ramanaiah DANTHAM to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.


2. Venkata Ramanaiah DANTHAM, is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on MAY 01, 2012 to execute this document.

3. Venkata Ramanaiah DANTHAM subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By: Ajmody, May 01, 2012

Print name: [Name of 1st Attestor] ANKUR JAYESH MODY

By:  , MAY 01 2012

Print name: [Name of 2nd Attestor] CHINMAY ABHAY NERURKAR