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Atty Ref/Docket No.: 3037.011US1

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Bernd Sartorius, Heinz-Gunter Bach, Helmut Roehle
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
Name: Fraunhofer-Gesellschaft zur Forderung der
Angewandten Forschung E.V.
Street Address: Hansastrasse 27c
Munchen, 80686
Germany

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached? Yes
 No

Execution Date: April 16, 2010, April 16, 2010, April 16, 2010

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
Serial No. 12/677,981, filed March 12, 2010

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Suneel Arora
Address:
Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

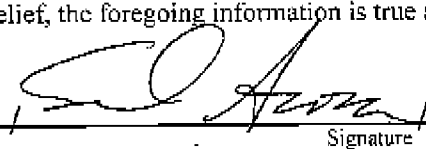
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Suneel Arora/Reg. No. 42,267
Name of Person Signing



Signature

July 14, 2010
Date

Total number of pages including cover sheet: 6

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Attorney Docket No. 3037.011US1
Client Ref. No. 097P 2593

ASSIGNMENT

WHEREAS, We, Bernd Sartorius, residing at Wuerttembergallee 22, Berlin, 14052, Germany, and Heinz-Gunter Bach, residing at Hohenzollernstrasse 31, Berlin, 14163, Germany, and Helmut Roehle, residing at Im Eichengrund 5, Berlin, 13629, Germany, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on March 12, 2010, which application was assigned U.S. patent application serial number 12/677,981, and is entitled METHOD FOR CREATING AND COHERENTLY DETECTING TERAHERTZ RADIATION;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Fraunhofer-Gesellschaft zur Forderung der Angewandten Forschung E.V. (the "Assignee"), a corporation of the Country of Germany, having a place of business at Hansastrasse 27c, Munchen 80686, Germany, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

Germany Application Serial No. 10 2007 044 839.4, filed on September 14, 2007.

PCT Application Serial No. PCT/EP2008/007840, filed on September 12, 2008.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

ASSIGNMENT

Client Ref. No. 097P 2593

Assignors: Bernd Sartorius et al.

Title: METHOD FOR CREATING AND COHERENTLY DETECTING TERAHERTZ RADIATION

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Docket No: 3037,011US1

Serial Number: 12/577,981

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

ASSIGNMENT

Client Ref. No. 097P 2393

Assignors: Bernd Sanorius et al.

Title: METHOD FOR CREATING AND COHERENTLY DETECTING TERAHERTZ RADIATION

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Docket No: 3037.011US1

Serial Number: 12/677,981

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of

April, 2010.

Heinz-Gunter Bach

Heinz-Gunter Bach

STATE OF Berlin)

)ss

COUNTY OF Germany)

On this 16 day of April, 2010 before me personally appeared Heinz-Gunter Bach, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Ralf Skunzel
Witness

ASSIGNMENT

Client Ref. No. 097P 2593

Assignors: Bernd Sartorius et al.

Title: METHOD FOR CREATING AND COHERENTLY DETECTING TERAHERTZ RADIATION

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Docket No: 3037.011US1

Serial Number: 12/677,981

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of April, 2010.

Helmut Roehle

Helmut Roehle

STATE OF Berlin)

)ss

COUNTY OF Germany)

On this 16 day of April, 2010 before me personally appeared Helmut Roehle, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Ralf Stinzel

Witness