

5/21/04

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Form PTO-1595 **R1**
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Paul R. Prucnal (03/26/2004) and Bing C. Wang
(05/10/2004)

Additional name(s) of conveying party(ies)
attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: see Box 1, conveying parties

2. Name and address of receiving party(ies)

Name: The Trustees of Princeton University

Internal Address: One Nassau Hall

Street Address:
Princeton University

City: Princeton

State: New Jersey

Zip: 08544

Additional name(s) &
address(es) attached:

☐ Yes ☒ No

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

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

A. Patent Application No.(s):

10/732,171

B. Patent No.(s): _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael J. Fogarty, III
FULBRIGHT & JAWORSKI L.L.P.

Internal Address: Atty. Dkt.: 64992/P002US/10315852

Street Address:
2200 Ross Avenue, Suite 2800

City:
Dallas

State:
TX

Zip:
75201-2784

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

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(Form 2038 enclosed)

8. Deposit account number:

06-2380

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9. Statement and signature.

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.

Michael J. Fogarty, III
Name of Person Signing

Michael J. Fogarty, III
Signature

May 17, 2004
Date

Total number of pages including cover sheet, attachments, and documents: 6

Recordation Form Cover Sheet

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 17, 2004

Signature: Donna Forbit (Donna Forbit)

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PATENT
REEL: 015349 FRAME: 0767

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Paul R. Prucnal and Bing C. Wang (hereinafter referred to as Assignors), residing at 9 Kimberly Ct., Princeton, New Jersey 08540; and 65 Riverview Rd., Mansfield Center, Connecticut 06250, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in ALL-OPTICAL, 3R REGENERATION USING THE SAGNAC, AND MACH-ZEHNDER VERSIONS OF THE TERAHERTZ OPTICAL ASYMMETRIC DEMULTIPLEXER (TOAD), set forth in a Patent application for Letters Patent of the United States, already filed on December 10, 2003 as U.S. Patent Application Serial No. 10/732,171; and

WHEREAS, The Trustees of Princeton University having its principal place of business at The Trustees of Princeton University, One Nassau Hall, Princeton University, Princeton, New Jersey 08544 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

FULBRIGHT & JAWORSKI L.L.P.

All practitioners at Customer Number 000029053

25371098.1

·AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: 3/26/04

Paul R. Prucnal
Paul R. Prucnal

United States of America)
State of New Jersey) ss.:
County of Morris)

On this 26th day of March, 2014, before me
personally came Paul R. Prucnal, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Sheila R. Gunning
Notary Public

SHEILA R. GUNNING
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 5/22/2006

Date:

5/10/2004

Bing C. Wang

Bing C. Wang

United States of America)

State of Connecticut) ss.:

County of Tolland)

On this 10th day of May, 2004, before me personally came Bing C. Wang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Susan P. Hayes
Notary Public

SUSAN P. HAYES
NOTARY PUBLIC
MY COMMISSION EXPIRES OCT. 31, 2004