



12-05-2005



PATENT 103129825

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or the new address(es) below.

11-30-05

1. Name of conveying party(ies)
 (1) Donald T. Miller
 (2) Ravi S. Jonnal
 (3) Junle Qu
 (4) Karen E. Thorn

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Univeristy of Rochester
 Internal Address:
 Street Address: 518 Hylan Building

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) (1) and (2) September 9, 2005; (3) November 4, 2005; and (4) August 30, 2005
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

City: Rochester
 State: New York Zip: 14627
 Country: USA
 Additional name(s) of conveying party(ies) attached? Yes No

4. Application number(s) or patent number(s): This document is being filed together with a new application
 A. Patent Application No.(s) 10/517,367
METHOD AND APPARATUS FOR IMPROVING BOTH LATERAL AND AXIAL RESOLUTION
 Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
 Customer No.: 27557
 Blank Rome LLP
 600 New Hampshire Avenue, N.W.
 Washington, D.C. 20037
 Phone: 202-772-5800
 Fax: 202-572-8398
 Attorney Docket No.: 000687-00355

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
 None required (government interest not affecting title)
8. Deposit account number: 23-2185
 (Attach duplicate copy of this page if paying by deposit account)

9. Signature: Michael C. Greenbaum
 Name of Person Signing

November 28, 2005
 Date
 Total number of pages including cover Sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P. O. Box 1450, Alexandria, VA 22313-1450

12/02/2005 ECOOPER 00000136 10517367

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40.00 OP

A S S I G N M E N T

THIS ASSIGNMENT, made on the date set forth below by Donald T. Miller; Ravi S. Jonnal; Junle Qu; and Karen E. Thorn, residing 2411 Goldin Court, Bloomington, IN, 47401; 814 West Howe Street, Bloomington, IN, 47403; 800 E. Atwater Avenue, Bloomington, IN, 47405; 1043 South Mitchell Street, Bloomington, IN, 47401, and 16 Stanhope Grove, Korokoro, Lower Hutt, New Zealand, respectively (hereinafter referred to as "Assignors"), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **METHOD AND APPARATUS FOR IMPROVING BOTH LATERAL AND AXIAL RESOLUTION** set forth in a Patent Application filed on November 6, 2003 in the United States Patent and Trademark Office, and accorded Application No. PCT/US03/18511; and

WHEREAS, UNIVERSITY OF ROCHESTER, an educational institution duly organized under and pursuant to the laws of the State of New York, having its principal place of business at 518 Hylan Building, Rochester, New York 14627 (hereinafter referred to as the 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 or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which

may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said 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, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignors will, whenever counsel of the said assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, 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 Letters

Patent for said inventions, without charge to the said assignors, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

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

The undersigned hereby grant the firm of BLANK ROME LLP, 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.

Date: Sept 9, 2005

Donald T. Miller
Donald T. Miller

STATE OF INDIANA)
COUNTY OF MONROE)

On this 9th day of SEPTEMBER 2005, personally before me came Donald T. Miller; and known to me, and known to me to be the persons described in and who signed the annexed Assignment, and being duly sworn, acknowledged execution of the same.

NOTARY PUBLIC MONROE COUNTY, IN
Jacqueline S. Olson
JACQUELINE S. OLSON
My Commission Expires: 10/08/06
440406

Date: 9 Sept. 2005

Ravi S. Jonnal
Ravi S. Jonnal

STATE OF INDIANA)
COUNTY OF MONROE)

On this 9th day of SEPTEMBER 2005, personally before me came Ravi S. Jonnal; and known to me, and known to me to be the persons described in and who signed the annexed Assignment, and being duly sworn, acknowledged execution of the same.

NOTARY PUBLIC

MONROE COUNTY, IN
Jacqueline S. Olson
JACQUELINE S. OLSON

My Commission Expires: 10/08/06
440406

Date: _____

Karen E. Thorn

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____

Date: _____

Junle Qu

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____

On this _____ day of _____ 2005, personally before me came Ravi S. Jonnal; and known to me, and known to me to be the persons described in and who signed the annexed Assignment, and being duly sworn, acknowledged execution of the same.

NOTARY PUBLIC

My Commission Expires:

Date: _____
_____ Karen E. Thorn

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____

Date: Nov. 4, 2005 _____
_____ Junle Qu
Junle Qu

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness Danni Chen _____

Witness Yimen Sun _____

On this _____ day of _____ 2005, personally before me came Ravi S. Jonnal; and known to me, and known to me to be the persons described in and who signed the annexed Assignment, and being duly sworn, acknowledged execution of the same.

NOTARY PUBLIC

My Commission Expires:

Date: 30 Aug 2005

Karen E. Thorn
Karen E. Thorn

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness [Signature]

Witness [Signature]

Date: _____

Junle Qu

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____