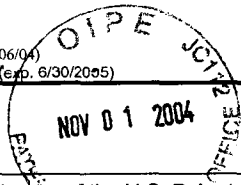


11/01/04



RECORDATION FORM C
PATENTS (

11-05-2004

8100



To the Director of the U.S. Patents and Trademark Office: Please reco

below.

102875721

1. Name of conveying party(ies)/Execution Date(s):

Dhandapani Venkataraman
Craig G. Bates
Rattan K. Gujadhur

Execution Date(s) 10/07/04

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

2. Name and address of receiving party(ies),

Name: University of Massachusetts

Internal Address: One Beacon Street

Boston, MA 02108

Street Address: One Beacon Street

City: Boston

State: MA

Country: U.S. Zip: 02108

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

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

A. Patent Application No.(s)

10/889,311

11/03/2004 MAHNE1 0000048 10889311

03 FC:8021

40.00 DP

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Antonia M. Holland

Internal Address: 1000 North Water Street, Suite 2100

Milwaukee, WI 53202

Street Address: 1000 North Water Street, Suite 2100

City: Milwaukee

State: WI Zip: 53202

Phone Number: 414-298-8285

Fax Number: 414-298-8097

Email Address: aholland@reinhardt.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature :

Antonia M. Holland
Signature

November 1, 2004
Date

Antonia M. Holland
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents 5

Name of Person Signing

PATENT

Attorney Docket No: 8100
For: U.S. and/or Foreign Rights
For: U.S. Application or U.S. Patent
By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

ASSIGNOR:

(inventor(s) or
person(s) or entity(ies)
who own the invention

Dhandapani Venkataraman
38 Greenleaves Drive, Apt. 83
Hadley, MA 01035
(Address)

India
(Nationality)

ASSIGNOR:

(inventor(s) or
person(s) or entity(ies)
who own the invention

Craig C. Bates
16 Carroll Drive
Westfield, MA 01085
(Address)

U.S.
(Nationality)

ASSIGNOR:

(inventor(s) or
person(s) or entity(ies)
who own the invention

Rattan K. Gujadhur
1311 Pheasant Hollow Drive
Plainsboro, NJ 08536
(Address)

Mauritius
(Nationality)

*(If assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO add the following)*

Recorded on _____
Reel _____
Frame _____

MW1126300

PATENT
REEL: 015959 FRAME: 0742

hereby sells, assigns and transfers to

ASSIGNEE:

University of Massachusetts
One Beacon Street
Boston, MA 02108

United States
(Domicile or Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

- the entire right, title and interest
 an undivided _____ percent (_____%) interest
for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

**METHODS FOR FORMATION OF ARYL-SULFUR AND ARYL-
SELENIUM COMPOUNDS USING COPPER(I) CATALYSTS**

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) U.S. patent application executed on even date herewith
(b) U.S. patent application executed on _____
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney, as
named in the Declaration and Power of Attorney I executed for this
invention on the execution date stated above, to insert below the
filing date and application number when it becomes known.
(c) U.S. application serial no. 10/889,311 filed on July 12, 2004.
(d) U.S. patent no. _____ issued _____
 A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(e) [] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

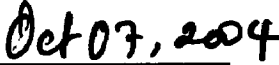
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation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

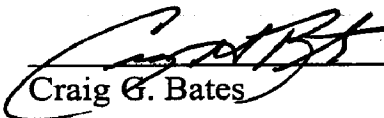
IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

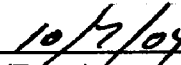
WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)


Dhandapani Venkataraman


(Date)


Craig G. Bates


(Date)

Rattan K. Gujadhur

(Date)

(e) [] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

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


IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)

Dhandapani Venkataraman (Date)

Craig G. Bates (Date)



Rattan K. Gujadhur (Date) 10/7/04.