

10-03-2005

U.S. DEPARTMENT OF COMMERCE  
and States Patent and Trademark Office

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103093245

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

**1. Name of conveying party(ies)**

Tony E. Godfrey  
Liqiang Xi

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) See 1 in Addendum

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

Name: See Attachment

Internal Address: Office of Technology Management

Street Address: 200 Gardner Steel Conference Center

Thackaray & O'Hara Streets

City: Pittsburgh

State: PA

Country: US Zip: 15260

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/178,134

PCT/US05/24194

60/587,019

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jesse A Hirshman, Jesse A. Hirshman, Esq.

Internal Address: \_\_\_\_\_

Street Address: 2611 Beechwood Blvd.

City: Pittsburgh

State: PA Zip: 15217

Phone Number: (412) 421-5542

Fax Number: (412) 521-4023

Email Address: hirshman@speakeasy.net

**6. Total number of applications and patents involved:** 3

**7. Total fee (37 CFR 1.21(h) & 3.41) \$120.00**

- ☐ 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:**

Signature

September 16, 2005  
Date

Jesse A. Hirshman, Reg. No. 40,016

Name of Person Signing

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

15

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

09/30/2005 DBYRNE 00000012 11178134

01 FC:802:

120.00 GP

**PATENT**  
**REEL: 017031 FRAME: 0856**

**ATTACHMENT FOR RECORDATION FORM COVER SHEET  
PATENTS ONLY (Form PTO-1595)**

**1. Name of conveying party(ies):**

Siva Raja  
Steven J. Hughes  
\_\_\_\_\_

William E. Gooding  
\_\_\_\_\_  
\_\_\_\_\_

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

☐ Yes ☒ No

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

Name: \_\_\_\_\_  
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Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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Street Address: \_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**B. Patent No.(s)**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Additional numbers attached?

☐ Yes ☒ No

Attachment to Form PTO - 1595  
Recordation Form Cover Sheet

Name of Receiving Party:

University of Pittsburgh - of the Commonwealth System of Higher  
Education

1. August 15, 2005, August 16, 2005, August 30, 2005, September 27, 2005

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application  
For: ☒ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☒ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

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

**ASSIGNORS (Inventors):**

<u>Tony E. Godfrey</u> (type or print name of inventors)	<u>84 Summit Avenue</u> <u>Bronxville, NY 10708</u> Address	<u>Great Britain</u> Nationality
<u>Liqiang Xi</u>	<u>111 Parker Road South</u> <u>Plainsboro, NJ 08536</u>	<u>China</u>
<u>Siva Raja</u>	<u>304 Lamartine St, Apt 2</u> <u>Jamaica Plain, MA 02130</u>	<u>US</u>
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<u>William E. Gooding</u>	<u>2732 Louisiana Avenue</u> <u>Pittsburgh, PA 15216</u>	<u>US</u>

hereby sells, assigns and transfers to ASSIGNEE:

<u>University of Pittsburgh – of the</u> <u>Commonwealth System of Higher Education</u> (type or print name of ASSIGNEE)	<u>200 Gardner Steel Conference Center</u> <u>Thackeray &amp; O'Hara Streets</u> <u>Pittsburgh, PA 15260</u> Address
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(a non-profit Pennsylvania Organization  
Nationality

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☒ 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:

**IDENTIFICATION OF MARKERS IN ESOPHAGEAL CANCER, COLON CANCER,  
HEAD AND NECK CANCER, AND MELANOMA**

*(check and complete (a), (b), (c), (d), (a), (f), or (g))*

and which is found in (37 C.F.R. § 3.21)

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Mailed: \_\_\_\_\_

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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, We have hereunto set hand and seal  
this 21/6/05  
Date of signing

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

Tony E. Godfrey  
(type name of inventor)

T. Godfrey  
Signature of Inventor

Liqiang Xi

[Signature]

Siva Raja

\_\_\_\_\_

Steven J. Hughes

\_\_\_\_\_

William E. Gooding

\_\_\_\_\_

☐ Notarization or Legalization Page Added.

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For: ☒ U.S. and/or ☒ Foreign Rights  
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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, We have hereunto set hand and seal  
this 8/30/05  
Date of signing

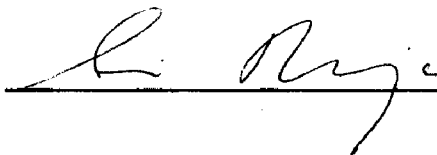
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Tony E. Godfrey  
(type name of inventor)

Signature of Inventor

Liqiang Xi

Siva Raja



Steven J. Hughes

William E. Gooding

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this 9/27/05  
Date of signing

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Tony E. Godfrey  
(type name of inventor)

\_\_\_\_\_  
Signature of Inventor

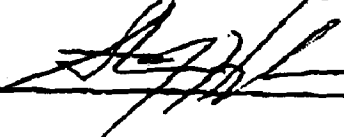
Liqiang Xi

\_\_\_\_\_

Siva Raja

\_\_\_\_\_

Steven J. Hughes



William E. Gooding

\_\_\_\_\_

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(type name of inventor)

\_\_\_\_\_  
Signature of Inventor

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