Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)	-03 - 2005 U.S. DEPARTMENT OF COMMERCE d States Patent and Trademark Office
PEC REC	
To the Director of the U.S. Patent and Trademark Office: Pleas	3093245 Ints or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Tony E. Godfrey	Name: See Attachment
Liqiang Xi	Internal Address: Office of Technology Management
Additional name(s) of conveying party(ies) attached? $\overline{ extbf{X}}$ Yes $\overline{ extbf{Y}}$ No	
3. Nature of conveyance/Execution Date(s):	Street Address: 200 Gardner Steel Conference Center
Execution Date(s) See 1 in Addendum	Thackaray & O'Hara Streets
X Assignment Merger	
Security Agreement Change of Name	City: Pittsburgh
Joint Research Agreement	State: PA
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 15260
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s): This A. Patent Application No.(s) 11/178,134 PCT/US05/24194 60/587,019	document is being filed together with a new application. B. Patent No.(s)
Additional numbers att	ached? Yes XNo
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Jesse A Hirshman, Jesse A. Hirshman, Esq.	7. Total fee (37 CFR 1.21(h) & 3.41) \$120.00
Internal Address:	Authorized to be charged by credit card
	Authorized to be charged by credit eard Authorized to be charged to deposit account
Street Address 2611 Reachwood Blvd	X Enclosed
Street Address: 2611 Beechwood Blvd.	None required (government interest not affecting title)
City: Pittsburgh	8. Payment Information
State: <u>PA</u> Zip: <u>15217</u>	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: (412) 421-5542	
Fax Number: (412) 521-4023	b. Deposit Account Number
Email Address: hirshman@speakeasy.net	Authorized User Name
9. Signature:	Septem 76, 2005 Date
Signature	Date
Jesse A. Hirshman, Reg. No. 40,016	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing Documents to be recorded (including cover sheet	
	f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

09/30/2005 DBYRNE 00000012 11178134 01 FC:802:.

1. Name	PATENTS ONLY (of conveying party(ies):		,
	Siva Raja	William E. G	Gooding
	Siva Raja Steven J. Hughes	William E.	Gooding
	Additional name(s) of conveying party(ies) attached?	☐ Yes ☐ No	
	and address of receiving party(ies)		_
	ıl Address:		
Street	Address:		-
	State:		_
Name :	and address of receiving party(ies)		
	Address:		
	Address:		
	State:		
	Additional name(s) & address(es) attached?	Yes No	
4. Applica	ation number(s) or patent number(s):		
If this d	locument is being filed together with a new applic	ation, the execution d	ate of the application is:
	A. Patent Application No.(s)	B. Pate	ent No.(s)
			

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

☑ U.S. and/or ☑ Foreign Rights For:

For:

☑ U.S. Application
☑ U.S. Provisional Application
☐ U.S. Patent
☑ PCT Application For: For: Multiple Inventors By:

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):

	84 Summit Avenue	
Tony E. Godfrey	Bronxville, NY 10708	Great Britain
(type or print name of inventors)	Address	Nationality
	111 Parker Road South	
Liqiang Xi	Plainsboro, NJ 08536	China
	304 Lamartine St, Apt 2	
Siva Raja	Jamaica Plain, MA 02130	<u>US</u>
	207 Highland Road	
Steven J. Hughes	Blawnox, PA 15238	US
	2732 Louisiana Avenue	
William E. Gooding	Pittsburgh, PA 15216	US

hereby sells, assigns and transfers to ASSIGNEE:

University of Pittsburgh - of the Commonwealth System of Higher Education (type or print name of ASSIGNEE)

200 Gardner Steel Conference Center Thackeray & O'Hara Streets Pittsburgh, PA 15260 Address

(a non-profit Pennsylvania Organization **Nationality**

and the successors, assigns and legal representatives of the ASSIGNEE

Page 1 of 3

for the	☑ □ United	the entire right, title and interest an undivided percent (%) interest States and its territorial possessions
all impi	E	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 nts which are disclosed in the invention entitled:
IDEI	NTIFIC	ATION 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 wh	nich is fo	ound in (37 C.F.R. § 3.21)
(a)		U.S. patent application No. 11/178,134, executed on even date herewith
(b)		U.S. patent application executed on
(c)		 U.S. provisional application naming the above inventor(s) for the above-entitled invention □ Express mail label no.: Mailed:
		To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an NOR signing below, hereby authorize ,and request my attorney to insert below ag date and application number when they become known.
(d)	×	U.S. application no. 60/587,019, filed on July 9, 2004
(e)	Œ	International application no. PCT/US2005/24194, filed on July 8, 2005
(f)		U.S. patent no, issued A change of address to which correspondence is to be sent regarding
patent	mainte	nance fees is being sent separately.
		(check (g), if foreign application(s) is also being assigned)
(g)	国 priority	and any legal equivalent thereof in a foreign country, including the right to claim
any co	ntinuati	all Letters Patent to be obtained for said invention by the above application or on, division, renewal, or substitute thereof, and as to letters patent any reissue or 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

Page 2 of 3

this	€ 6 0 3 Date of signing	
WARNING:	The date of signing must lif item (a) was checked at	pe the same as the date of execution of the application pove.
Tony (type name o	E. Godfrey of inventor)	Signature of Inventor
Liq	iang Xi	
Siv	a Raja	
Ste	even J. Hughes	
Wil	lliam E. Gooding	
	☐ Notarization or Le	galization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

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.

Page 3 of 3

For: 図 U.S. and/or 図 Foreign Rights

For:

 ☑ U.S. Application
 ☑ U.S. Provisional Application
 ☑ U.S. Patent
 ☑ PCT Application For: For: Multiple Inventors By:

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Address	Nationality
111 Parker Road South	
Plainsboro, NJ 08536	China
304 Lamartine St, Apt 2	
Jamaica Plain, MA 02130	US
207 Highland Road	
Blawnox, PA 15238	US
2732 Louisiana Avenue	
Pittsburgh, PA 15216	US
	Bronxville, NY 10708 Address 111 Parker Road South Plainsboro, NJ 08536 304 Lamartine St, Apt 2 Jamaica Plain, MA 02130 207 Highland Road Blawnox, PA 15238 2732 Louisiana Avenue

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Page 1 of 3

for the		an u	entire right, title and interest ndivided percent (%) interest s and its territorial possessions
all imp	×	and	following box, if foreign rights are also to be assigned) in all foreign countries, including all rights to claim priority in and to any and hich are disclosed in the invention entitled:
IDE	NTIFIC	ATIC	ON 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 wh	nich is fo	ound	in (37 C.F.R. § 3.21)
(a)	E	U.S.	patent application No. 11/178,134, executed on even date herewith
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(c)			U.S. provisional application naming the above inventor(s) for the above-entitled invention Express mail label no.:
		NOR	Mailed: omply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an signing below, hereby authorize ,and request my attorney to insert below the and application number when they become known.
(d)	×	U.S.	application no. 60/587,019, filed on July 9, 2004
(e)	X	Inter	national application no. PCT/US2005/24194, filed on July 8, 2005
(f) patent	□ mainter	U.S. ance	patent no, issued A change of address to which correspondence is to be sent regarding fees is being sent separately.
		4	(check (g), if foreign application(s) is also being assigned)
(g)	⊠ priority	and a	any legal equivalent thereof in a foreign country, including the right to claim
any coi	and to, ntinuation	on, di	etters Patent to be obtained for said invention by the above application or vision, renewal, or substitute thereof, and as to letters patent any reissue or eof.
	ASSIG	NOP	hereby covenants that no assignment color correspond or an authorize

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Page 2 of 3

this	
WARNING: The date of signing if item (a) was che	g must be the same as the date of execution of the application, cked above.
Tony E. Godfrey (type name of inventor)	Signature of Inventor
Ligiang Xi	
Siva Raja	l. Mje
Steven J. Hughes	
William E. Gooding	

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Page 3 of 3

国 U.S. and/or 国 Foreign Rights For:

For:

図 U.S. Application 図 U.S. Provisional Application □ U.S. Patent

For: For: 図 PCT Application Multiple Inventors By:

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ASSIGNORS (Inventors):

Tony E. Godfrey	84 Summit Avenue Bronxville, NY 10708	Great Britain
(type or print name of inventors)	Address	Nationality
Ligiang Xi	111 Parker Road South Plainsboro, NJ 08536	China
Siva Raja	304 Lamartine St, Apt 2 Jamaica Plain, MA 02130	ŲS
Steven J. Hughes	207 Highland Road Blawnox, PA 15238	us
William E. Gooding	2732 Louisiana Avenue Pittsburgh, PA 15216	US_

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Page 1 of 3

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ali imp		and in	owing box, if foreign rights are also to be assigned) all foreign countries, including all rights to claim priority in and to any and the are disclosed in the invention entitled:
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(a)	2	U.S. pa	stent application No. 11/178,134, executed on even date herewith
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		J	Mailed:
		NOR a	apply with 37 C.F.R. § 3,21 for recordal of this assignment, I, an gring below, hereby authorize ,and request my attorney to insert below and application number when they become known.
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patent	mainte		ses is being sent separately.
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any co	ntinueti:	all Lette on, divis	era Patent to be obtained for sald invention by the above application or sion, renewal, or substitute thereof, and as to letters patent any reissue or

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Page 2 of 3

out the purpor	ses thereof.	·
IN Within 9/2:		e hereunto set hand and seal
	Date of signing	-
WARNING:	The date of signing must be if Item (a) was checked about	e the same as the date of execution of the application ove.
	. Godfrey	
(type name of	inventor)	Signature of Inventor
Ligia	ang Xi	
Siva	Raja	
Stev	en J. Hyghes	ATH/
Willia	am E. Gooding	

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

Notarization or Legalization Page Added.

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Page 3 of 3

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Liqiang Xi	Plainsboro, NJ 08536	China
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Siva Raja	Jamaica Plain, MA 02130	US
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all imp	×	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 ints 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))	
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(a)	×	U.S. patent application No. 11/178,134, executed on even date herewith	
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Page 2 of 3

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this <u>S//6/05</u> Date of signing	hereunto set hand and seal
WARNING: The date of signing must be if item (a) was checked above	the same as the date of execution of the application, e.
Tony E. Godfrey (type name of inventor)	Signature of Inventor
Liqiang Xi	
Siva Raja	
Steven J. Hughes	
William E. Gooding	Willer I Sondy
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RECORDED: 09/27/2005